



**WHATEVER
YOUR CREATIVE
VISION IS, WE'LL
MAKE SURE
IT'S HEARD.**



ROCK SOLID*

The DSSM from Lectrosonics is the only digital bodypack transmitter with an IP57 watertight rating and a removeable battery. With 24-bit, 48 kHz sampling, D2 and HDM compatibility modes, drop-in charging, and a nearly indestructible, extremely small case, the DSSM stands alone.

Contact us today to learn more!



*Actually made of metal.

www.lectrosonics.com or 1-800-821-1121

In Canada, call 877-753-2876

In Europe, call +33 (0) 78558-3735

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Welcome to our 2024 Product Catalog!

To quote the Grateful Dead, “What a long, strange trip it’s been.” When I started in the Machine Shop over 35 years ago, I never envisioned writing our catalog’s introduction. And yet, here I am, and I am as excited to be doing this as I was to be forming CR185 battery boxes (remember those?) on my very first day in the Machine Shop.

Between these covers you’ll find a marvelous mix of products, from our legendary Digital Hybrid Wireless line to our newest fully digital offerings to our incredibly wide selection of accessories. This year’s new products include the DSSM, the world’s first IP57-rated, fully digital, dock-chargeable miniature transmitter with removeable batteries. We’re also adding some important accessories for the DSR, DSR4, and even the SRC receiver to continue moving these products into the present and future customer workflows – we wouldn’t be Lectrosonics otherwise.

Although the product line has changed tremendously with time and technology, our philosophy remains the same: To engineer and produce the best wireless products that we possibly can, and to support our customers in the best way possible. I am proud to firmly carry that mantle into the future.
Wishing you a wonderful 2024,

Wesley Herron
President, Lectrosonics



A Lectrosonics Timeline



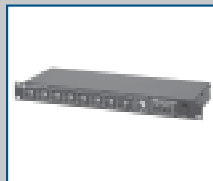
1971
Company founded in Albuquerque, New Mexico USA. First products: Voice Projectors and amplified lecterns



1979
Mouse® product line starts rolling



1988
Company moves to Rio Rancho, NM. VHF compact system - CR185, H185



1994
LecNet products



2002
Digital Hybrid Wireless® 400 Series



2005
SM Series



2015
Venue 2 Modular Receiver



2019
DSQD - 4 Channel
Digital Receiver



2020
DCR822 - Portable
Digital Receiver



2024
DSR4 & DSR



The DSSM is the enhanced, fully digital successor to the SSM, while being IP57 rated for watertightness and offering dock charging capability.

The IP57 rating indicates that the unit is protected against dust ingress while also withstanding water immersion up to 1 meter for 30+ minutes – perfect for the most demanding work environments. All while allowing for quick battery swap-outs.

The DSSM is ideal for theater, TV, film and broadcast environments where concealment and water-resistance is required. The DSSM offers an extensive feature set and performance packed into an exceptionally compact housing, compatible with all current Lectrosonics digital receivers, including the DSQD, DCR822, DSR, DSR4, M2Ra, and DCHR.

The DSSM includes specially developed, high efficiency circuitry for extended operating time on the rechargeable LB-50 battery. RF power selections are offered at 10 and 35 mW (D2 compat mode) and a special high density (HDM) mode at 2 mW.

- Extremely compact - ideal for theater and sports broadcasting
- IP57 rated for moisture resistance
- High density mode for maximum channel counts in limited spectrum
- Selectable power; 10 or 35 mW (D2 mode)
- Offers over 6000 frequencies across a wide UHF range
- Two-way IR port for easy set-up
- Firmware updates via USB/Wireless Designer
- Wide range input gain control in 1 dB steps
- Dock chargeable with optional CHSDSSM unit
- Lav mic presets for optimal audio, along with line and instrument inputs settings.



Digital Transcoders

DBSM & DBSMD



SCAN TO
SEE VIDEO

- RF Power selections at 10, 25 and 50 mW
- Ultra-lightweight, corrosion resistant housing
- OLED interface with lockout option
- Servo Bias input circuitry
- 2-way IR (infrared) port for fast setup
- Alternate use as recorder on internal microSDHC memory card at 48 kHz, 24 bits
- Timecode jam-sync capability with TCXO for <1 ppm accuracy
- High density mode for ultra-tight channel spacing
- Tunes across entire UHF frequency range

The DBSM and DBSMD digital transcoders were developed specifically for the needs of the film industry and offer increased battery efficiency, time code jam sync capability, 3 RF power settings, D2 and HDM compatibility modes, and the famous SM Series durability and form factor. Gain adjustment is in 1 dB increments over a 51 dB range and adjustable low frequency audio roll-off for 3 dB down points at 20, 35, 50, 70, 100, 120 or 150 Hz to control subsonic audio content. A special high-density (HDM) transmit mode at 2 mW allows for ultra-tight channel spacing without concern for frequency coordination. The input section features the unique Lectrosonics servo bias input circuitry with a standard TA5M type jack for use with electret lavalier mics, dynamic mics, or line level signals. A DSP-controlled analog audio limiter is employed ahead of the first mic preamp to protect the entire audio chain from overload. The limiter has a range of more than 30 dB for excellent overload protection, and a dual release envelope that makes the limiter acoustically transparent while maintaining low distortion of brief transients and longer duration peaks. A water resistant control panel with OLED, membrane switches and multi-color LEDs make input gain adjustments, frequency and compatibility mode selection quick and accurate. The battery compartment accepts industry-accepted AA batteries (lithium recommended).

DBu & DBu-LEMO

Digital Belt-Pack Transmitters



- Tunes across entire UHF frequency range
- 256-bit encryption - AES 256-CTR
- Selectable RF power at 25 and 50 mW
- USB port for firmware updates
- Wide-range input gain adjustment
- DSP-controlled input limiter
- Two AA battery power
- Also available with a LEMO audio input jack

The DBu transmitter is a fourth generation design with specially developed, high-efficiency digital circuitry for extended operating time on two AA batteries. The transmitter can tune across the UHF TV band from 470.100 to 607.950 MHz (470.100 – 614.375 MHz for EU version), with a selectable output power of 25 or 50 mW (10, 25 and 50 mW for the Lemo version). The pure digital architecture enables AES 256-CTR encryption for high-level security applications.

Studio quality audio performance is assured by high-quality components in the preamp, wide-range input gain adjustment and DSP-controlled limiting. Input connections and settings are included for any lavalier microphone, dynamic microphones and line level inputs. Input gain is adjustable over a 44 dB range in 1 dB steps to allow an exact match to the input signal level, maximizing the dynamic range and signal to noise ratio.

DHu

Digital Hand-Held Transmitter



**Shown with optional
HHC Cardioid
Condenser Capsule*

- Tunes across entire UHF frequency range
- Fourth generation digital design
- 256-bit encryption - AES 256-CTR
- Interchangeable thread-on capsules
- Membrane switch and LCD interface
- Battery powered by two AA batteries
- Selectable RF output power at 25 or 50 mW
- IR (Infrared) port for fast setup
- Adjustable low frequency audio roll-off
- Rugged machined aluminum housing

The DHu digital wireless handheld transmitter represents a high-performance, versatile solution for a variety of applications including live performance, broadcast, AV rental, and houses of worship. The design incorporates advanced features to provide high-quality speech and vocal reinforcement.

The DHu features specially developed, high-efficiency digital circuitry for extended operating time on two AA batteries. The transmitter can tune across the UHF television band from 470.100 to 607.950 MHz. The pure digital architecture enables AES 256-CTR encryption for applications that require high-level security. Studio

quality audio performance is assured by high-quality components, wide-range audio gain adjustment in fine increments, and a DSP-controlled, dual envelope limiter. Low frequency audio roll-off is adjustable to tailor the sound as needed for a variety of applications.

Interchangeable Capsules

Lectrosonics offers the HHC cardioid condenser capsule. Thread-on capsules from other manufacturers using a 1.25 in. opening and 28 thread pitch can also be used, including those from manufacturers such as EV, Shure®, Heil Sound™, DPA, Telefunken® and others.

Digital Stereo Transmitter

DCHT

- Tunes across entire UHF frequency range
- 256-bit encryption - AES 256-CTR
- Selectable RF power at 10, 25 and 50 mW
- AES and analog mic and line level inputs
- Compatible with all current Lectrosonics digital receivers
- DSP-controlled input limiter
- Optional powering from external DC
- Wide-range of input adapter cables available

The DCHT portable digital stereo transmitter is designed for use in film and TV production as both a wireless audio link from a bag or cart system to cameras and as a portable IFB transmitter paired with the Duet digital wireless M2Ra receiver packs. The DCHT accepts two channels of mic or line level analog signals or an AES digital signal from a mixer and transmits to the receiver or receivers in a purely digital format. The digital architecture of the new DCHT is a third-generation design with specially developed, high-efficiency circuitry for extended operating time on two AA batteries.

The DCHT can tune across the available UHF TV band in 100 kHz or 25 kHz steps, offering more than 6,000 frequencies.. The RF output can be set to 10, 25 or 50 mW,



DCHT
DIGITAL CAMERA HOP TRANSMITTER

duet
IEM SYSTEM

thus providing flexibility in terms of operating range for the intended application. The digital architecture allows for AES256-CTR encryption for applications where content security is a concern.

Digital Plug-On Transmitters

DPR-A

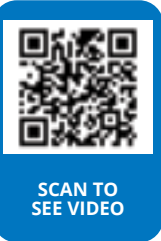
- Tunes across entire UHF frequency range
- Accepts microphone or line level signals
- Selectable 5, 15, 48 volt phantom power
- Selectable 25/50 mW RF output power
- Alternate use as recorder on internal microSDHC memory card at 48 kHz, 24 bits
- IR (infrared) port for fast setup
- Remote controlled “dweedle” tones (audio tone set-up control)
- Time code jam sync with <1PPM accuracy
- External antenna for extended range

This unique plug-on transmitter design will ideally match any microphone or line level source via a standard XLR connector. The DPR-A can tune in 100 kHz or 25 kHz seteps across the UHF TV band, with a selectable output power of 25 or 50 mW. The purely digital architecture utilizes AES 256-CTR encryption for high level security applications.

The transmitter is specially designed with high efficiency digital circuitry for extended operating time on two AA batteries, with status indicated by a multi-color LED. An IR (infrared) port is included to simplify setup with IR enabled receivers. Updates can be made via microSD card.



DPR-A



Dante and AES-3 output versions available

- Four-channel, half-rack design
- Continuously tunable tracking filters covering 470.100 - 614.375 MHz
- Compatible with D2, HDM, Duet, DCHX, and Digital Hybrid Wireless® transmitters
- Built-in wideband antenna multicoupler with loop-thru for additional receivers
- Antenna bias power enabled from the front panel (fused and over-temperature protected)
- IR bi-directional port for transmitter setup
- Analog and digital outputs
- Ethernet and USB interface
- Wireless Designer Software for system coordination

The DSQD Half Rack Receiver with analog and digital Dante® network audio outputs utilizes the Lectrosonics signature digital architecture with remarkable audio quality and ultra-low latency. The receiver includes an extended operating range rivaling the best analog and Digital Hybrid Wireless® systems with continuously tunable tracking filters covering 470.100 - 614.375 MHz.

The DSQD Receiver is a four-channel design with a host mainframe that contains the DSP, microprocessor, antenna multicoupler and control interface

Antenna ports on the rear panel accept input from remote antennas, with a “loop-thru” output to another mainframe using the internal multicoupler. A kit is also available to mount antenna inputs (BNC connectors) on the front panel.



Dante™ is a trademark of Audinate Pty Ltd.



Dante and AES-3 output versions available

Compact Dual Channel Receiver

DCR822

- Tunes across entire UHF frequency range
- Compatible with D2, HDM, Duet, DCHX, and Digital Hybrid Wireless® transmitters
- Vector Diversity with two receivers per channel for superior digital signal recovery
- High IP3 and high-current front ends for robust performance even in severe RF environments
- IR bi-directional port for transmitter setup
- Analog and Digital audio outputs with TalkBack (in applicable RX modes)
- USB interface & Wireless Designer compatible
- Up to 4 channel recording on microSD card (depending on RX modes)
- AA Battery or external powering
- Same cross-section as the UCR411a for mounting using existing hardware
- Bright, high-density OLED display for clear viewing in any lighting conditions
- AES 256-bit, CTR mode encryption, with 4 different key policies available



The innovative Vector Diversity technology raises the bar for digital transmission integrity with two RF front ends per channel, and a unique phase-matching system. The extremely robust RF front ends of the receiver will hold up in severe RF environments and close carrier spacing, whether analog or digital. The DCR822 has a flexible output routing scheme, allowing a variety of applications including talkback. A digital recorder at 24 bits, 48 kHz is included – and records up to 4 audio tracks on a front-mounted microSD card.

The DCR822 compact 2-channel digital receiver with analog and digital audio outputs utilizes the Lectrosonics signature digital architecture with remarkable audio quality and ultra-low latency. The receiver includes an extended operating range rivaling the best analog and Digital Hybrid Wireless® systems with continuously tunable tracking filters covering 470.100 - 614.375 MHz.

The 822 is compatible with digital transmitters from the D Squared line including the DBu, DHu, DPR, and DBSM Series. The 822 is also compatible with stereo digital transmitters including the DCHT and M2T. Finally, the receiver is also backward compatible with any Digital Hybrid Wireless transmitter made in the last 20 years.

Digital Stereo Portable Receiver

DCHR

- Tunes across entire UHF frequency range
- 256-bit encryption - AES 256-CTR
- 2-way IR (infrared)port for fast setup
- High resolution, monochrome LCD
- Channel pairing for stereo or mono operation
- Very low latency
- Headphone jack for confidence monitoring
- Offers D2, HDM, Duet, and DCHX compatibility modes

The DCHR Digital Camera Hop Receiver is a compact, rugged unit providing studio-grade sound quality for location production in film and television. A digital transmitter is connected to the outputs of a mixer to transmit up to two audio channels to one or more DCHR or compatible receivers mounted on video cameras. The DCHR employs advanced antenna diversity switching during digital packet headers for seamless audio. The receiver includes an extended operating range rivaling the best analog and Digital Hybrid Wireless® systems with continuously tunable tracking filters.



The dual-purpose (AES3 and analog), 5-pin output jack supplies two channels of balanced audio.

DSR4

Four Channel Digital Slot Receiver



The DSR4 digital receiver provides the highest level of RF and audio performance available with a versatile feature set in a compact design for field and location production. Settings can be made from the front panel with tactile buttons and color LCD interface, making the unit ideal for use in portable bag systems and on sound carts. An RF spectrum analyzer and SmartTune are built into the receiver to alleviate interference problems in an increasingly congested RF spectrum.

The mechanical design of the receiver fits into the Super-Slot ecosystem and combines field-proven features developed over many years of experience in motion

- Four independent channels, compact design
- Two diversity options for maximum flexibility
- 24 bit/48 kHz digital for flawless audio
- AES 256-bit, CTR mode encryption, with 4 different key policies available
- High IP3 performance of +15 dBm for tough RF environments
- Analog and AES3 digital audio outputs
- External DC powering options and USB input for firmware updates and data transfer
- Compatible with Wireless Designer software

picture and television production. To decrease weight, the DSR4 provides a four channel receiver in one unit powered by external DC. The receiver is also equipped with an IR port for data transfer between units. The machined aluminum housing and panels are surfaced with a hard-anodized finish with laser etched markings to withstand the rigors of field production.

The RF gain stages in the front end use a newly-developed design to provide low noise RF amplification, excellent sensitivity, and extremely low susceptibility to intermodulation and de-sensitization.

DSR

Two Channel Digital Slot Receiver



The DSR digital receivers provide the highest level of RF and audio performance available with a versatile feature set in a compact design for camera mounted applications. Settings can be made from the front panel, making the unit ideal for use in camera hop configurations, in bags and on sound carts. An RF spectrum analyzer and SmartTune are built into the receivers to alleviate interference problems in an increasingly congested RF spectrum.

- Two independent channels, compact design
- Vector diversity for superior performance
- Latest generation of SR Series: Compatible with huge existing ecosystem
- Compatible with D2, HDM, Duet and DCHX Digital modes and all hybrid modes
- 24 bit/48 kHz digital for flawless audio
- AES 256-bit, CTR mode encryption, with 4 different key policies available
- Analog and AES3 digital audio outputs
- External DC powering options and USB input for firmware updates and data transfer
- Compatible with Wireless Designer software

The mechanical design of the receivers fits into the Super-Slot ecosystem and combines field-proven features developed over many years of experience in motion picture and television production. To decrease weight, the DSR provides a two channel receiver in one unit powered by external DC. The receiver is also equipped with an IR port for data transfer between units. The machined aluminum housing and panels are surfaced with a hard-anodized finish with laser etched markings to withstand the rigors of field production.

For mounting, powering, and audio output accessories for DSR, see page 30-31

Digital Wireless

Accessories



Part Number:13585
Description: Mic Clip for UT, HH, HHa and DHu Handheld Transmitters



Part Number: 27253
Description: Rack filler panel, double wide, blank



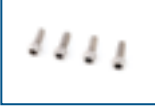
Part Number: 21359
Description: Female, 5-pin TA5F plug



Part Number: 27254
Description: Rack filler panel, vented, single wide, blank



Part Number: 21425
Description: 6 ft. Long Power Cord, Coaxial to Stripped and Tinned Leads



Part Number: 28885
Description: Cap screw; #10 - 32 9/16 SS (Four required for dual mount rack)



Part Number: 21472
Description: Right Angle Power Cord, Coaxial Plug, Stripped and Tinned Leads, 6 ft. Long



Part Number: 35664
Description: Set of 4 rubber feet used for M4T when used as a stand alone or table-top and not as a rack mount



Part Number: 21499
Description: Power Cable for 60320 C13 to Edison



Part Number: 40106-1
Description: LB 50 Replacement Battery for DSSM Transmitter



Part Number: 21586
Description: Power Cable, Locking LZR Type Plug to Stripped and Tinned Leads



Part Number: 40117
Description: USB-C or Micro-B Powered Dual Charger for 40106-1 LiOn Battery



Part Number: 21746
Description: DC Power Cord, 1 ft., for VR Field, Stripped and Tinned



Part Number: 55010
Description: Flash memory card, micro SDHC to SD Adapter included.



Part Number: 21747
Description: DC Power Cord, 6 ft., for VR Field, Stripped and Tinned



Part Number: ACOAXTX (Specify Block)
Description: This coaxial design is approximately 36 inches in overall length, with an SMA connector



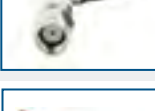
Part Number: 21841
Description: 32 in. "Lamp Cord" Type Cable Assembly, Straight Locking, Power for RPS4



Part Number: AMJ (Specify Block)
Description: Color coded antennas for UM belt packs, newer SM series belt-pack units and also newer SR receivers



Part Number: 21926
Description: USB Cable for firmware updates



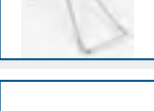
Part Number: AMJR915
Description: Whip antenna with reverse gender SMA connector for D4 System and M4T Quadra Transmitter



Part Number: 26872
Description: Mic Capsule Wrench for DHu Removable Mic Capsules



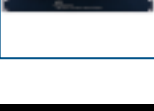
Part Number: AMM (Specify Block)
Description: Color coded antennas for UM belt packs, newer SM series belt-pack units and also newer SR receivers.



Part Number: 26895
Description: Replacement Wire Belt Clip for LT, LR and DBa



Part Number: AMM KIT
Description: Color coded antennas for UM belt packs, newer SM series belt-pack units and also newer SR receivers.



Part Number: 27252
Description: Rack filler panel, single wide, blank



Part Number: AMM-O
Description: Color coded transmitter antenna caps

Accessories

Digital Wireless



Part Number: BATTLED

Description: General Purpose Battery Adapter. Optional Spring Loaded Clip is Available. BATTERY NOT INCLUDED



Part Number: BCSLEBN

Description: Hinged Belt Clip Kit for DB Transmitter



Part Number: CCHH

Description: Pouch for Handheld Transmitters



Part Number: CCMINI

Description: Pouch for Handheld Transmitters



Part Number: CHSDSSM

Description: Dock Charger for DSSM transmitter. Requires DCR5/9AU supply.



Part Number: DCR12/A5U

Description: Universal AC power supply intended for Lectrosonics IFBT4, IF-BT4-VHF and IFBT4/E01 transmitters.



Part Number: DCR15/4AU

Description: Power Supply with Universal Socket for DR. 4ADC 100-240V in, 15VDC Regulated Output



Part Number: DSR4BATTLEDDBOTTOM

Description: Battery sled for mounting on the bottom of the camera w/LCD and rear panel nomenclature oriented correctly.



Part Number: DSR4BATTLEDTOP

Description: Battery sled for top of the receiver for top mounting on camera with the LCD and rear panel nomenclature oriented correctly.



Part Number: DSR4DB25

Description: DSR4 Superslot adapter connector plate for Sound Devices SL-2. This includes the adapter plate only with the two mounting screws.



Part Number: DSR4EXT

Description: Adapter kit for DSR4 receiver, two TA3 audio output jacks, locking power connector, includes 6' power cord.



Part Number: DSR4EXTUSB

Description: Output and power panel with two TA5 male balanced output pairs, and a locking Hirose-4 DC power jack. A USB-C jack for connection of the DSR4.



Part Number: DSR4SNY

Description: PN P1408. DB-15 mounting adapter to mount DSR4 receivers into slot on Sony cameras.



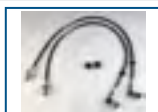
Part Number: DSR4SUPER

Description: DB-25 bottom plate adapter for DSR4 receivers used in SuperSlot docks.



Part Number: DSREXTUSB

Description: Output and power panel with two TA5 male balanced output pairs, and a locking Hirose-4 DC power jack. A USB-C jack for connection of the DSR.



Part Number: FMAK

Description: Front Mount Antenna Kit for DR Receiver



Part Number: HH2SEN

Description: HH Adapter for Capsules Designed for G2, G3 and 2000 Series Sennheiser® Wireless



Part Number: HHC

Description: Cardioid electret standard mic capsule for HH Series transmitters



Part Number: HHVMC

Description: HHVMC is the Variable Mic Capsule for the HH Series transmitters which includes adjustments



Part Number: HHXTND

Description: Extender for Mic Flag which allows for access to LCD Screen and Talk-back Button



Part Number: LTBATELIM

Description: Battery Eliminator for LT, DBU and DCHT Transmitters



Part Number: LTCVR

Description: This tough silicone cover protects the LT and DBU transmitters from moisture and dust.



Part Number: MCA-M30

Description: Mic adapter for Earthworks M30 and other measurement microphones used with HM & UH Series plug-on transmitters.



Part Number: MCA5X

Description: Adapter, TA5F to XLRM. To adapt lavalier mics that are properly wired for a Lectrosonics 5 pin transmitter



Part Number: MCDTA5TA3F

Description: Adapter cable with TA5F mini female locking XLR to single TA3F mini female locking XLR for two channels of AES digital audio from DCHR.



Part Number: MCDTA5XLRM

Description: Output cable, for two channels of AES digital audio on one XLRM connector

Digital Wireless

Accessories



Part Number: MCSR5P/XLR2
Description: Audio cable for SR-type receivers, rotatable right angle TA5 to two 3-pin male XLRs. 20" cable.



Part Number: MCSRPT
Description: 15" audio cable for SR Receiver. TA3F plug to stripped, tinned leads.



Part Number: MCSRXLR
Description: 15" audio cable for SR receiver, TA3F plug to 3 pin male XLR.



Part Number: MCSRXLRF
Description: 12" audio cable, TA3F plug to 3 pin female XLR.



Part Number: MCTA5PT2
Description: Output cable, analog audio on two pig tail pairs



Part Number: MCTA5TA3F2
Description: Output cable, analog audio on two TA3 connectors



Part Number: MCTA6AESXLRF
Description: AES3 digital signal from XLR-F output. 18 in.



Part Number: MCTA6PT
Description: TA6FLX 6-pin female to two stripped and tinned wires; wired for microphone level signals. 18 in.



Part Number: MCTA6TA3F2
Description: Line level signals from two TA3-M outputs. 18 in.



Part Number: MCTA6TA5M2
Description: Microphone & line level signals from microphones & other devices configured with TA5F connectors. 6 in.



Part Number: MCTA6XLRF2
Description: Line level signals from two XLR-M outputs. 18 in.



Part Number: MCTCTA5BNC
Description: Accessory cable for time code jam sync with belt pack transmitters. BNC to TA5F, 12 inches.



Part Number: MCTCTA5LEMO5
Description: Accessory cable for time code jam sync with belt pack transmitters. Lemo 5 to TA5F, 12 inches.



Part Number: PHTRAN3
Description: Leatherette pouch with belt clip for HM, HMa, DPR, and DPR-A plug-on transmitters.



Part Number: PSLZR DUAL
Description: LZR style plug to LZR style plug. 6ft. long.



Part Number: PSLZR DUAL 12
Description: LZR Style Plug to LZR Style Plug. 6 ft. Power Cable



Part Number: PSMWB (Transmitter sold separately)
Description: Sewn leather pouch with plastic window for SMWB single battery transmitter; rotating belt clip.



Part Number: SMDWBBCSL
Description: For dual-battery SM Series transmitter. Can be used with antenna up or down.



Part Number: SMKITTA5
Description: Connector kit for SM Series transmitters. 5-pin TA5F plug with weather resistant sleeve.



Part Number: SMWBBCUPSL
Description: Spring-loaded Clip for Dual-Battery SMDWB/DBSMD Transmitter, Antenna Up or Down



Part Number: PSLZR DUAL 18
Description: LZR Style Plug to LZR Style Plug. 6 ft. Power Cable



Part Number: PSMDWB (Transmitter sold separately)
Description: Sewn leather pouch with plastic window for SMDWB dual battery transmitter; rotating belt clip.





"I think the pairing of the DSR4 and DBSMD sounds better than any other receiver-transmitter combo I've ever used."

– Henry French, production sound mixer, NYC

SMWB Series

Digital Hybrid Wideband Transmitters



SMWB

SMDWB

To meet the demand for a wide variety of applications, the "WB" series SM transmitters offer selectable output power of 25, 50 and 100 mW. When range is not an issue, a lower power level can be used.

The transmitters offer *hands free* setup and adjustment using audible tones. They can be put to sleep to conserve battery power during setup while buried inside costuming, then awakened for normal operation when the production begins. Other features include input gain adjustment in 1 dB increments over a 44 dB range and adjustable low frequency audio roll-off for 3 dB down points at 35, 50, 70, 100, 120 or 150 Hz to control subsonic and very low frequency audio content.

Alternate Recording Function

Instead of transmitting, the transmitters may also be used as a stand alone recorder. The industry standard .wav

- Selectable RF output power
- Ultra-lightweight, corrosion resistant housing
- Water resistant seals for use in damp environments
- LCD interface with lockout option
- Programmable compatibility modes for use with different receivers
- Servo Bias input circuitry for optimum audio
- IR (infrared) port for fast setup
- Update firmware in the field via microSDHC memory card reader
- Alternate use as recorder on internal microSDHC memory card
- 75 MHz tuning bandwidth

(BWF) file format is compatible with essentially any audio or video editing software.

NOTE: The transmitting and recording functions cannot be done simultaneously. Users must choose to transmit or record.

The SM is available in multiple frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
* B2	(563.200 - 639.900 MHz)	Blocks: 22, 23, 24
* C1	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26

*Export Only

LectroRM



Control your Lectrosonics Transmitter with your phone.

- Audio Gain
- Channel
- Sleep Mode
- Lock Mode
- RF Power
- Low Cut Filter



*LectroRM is a 3rd party product and not made by Lectrosonics, Inc.

Super Small Belt-Pack Transmitter

SSM



- Lighter and smaller than any other full-featured bodypack transmitter
- Remote setting capable with smartphone app
- Superb audio quality with Digital Hybrid Wireless®
- 3-pin LEMO standard microphone connector
- 25 and 50 mW RF power settings
- 75 MHz tuning range
- 6 Hour run time with LB50 battery

The SSM is available in multiple frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
* B2	(563.200 - 639.900 MHz)	Blocks: 22, 23, 24
* C1	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26

*Export Only

The SSM micro bodypack transmitter represents the state of the art for wireless microphone technology, miniature electronics, and high performance audio. The small size makes it a snap to hide the transmitter on talent, while the large array of advanced features make it easy to set up and use in any application. This new transmitter was designed specifically with theatrical, TV/Movie production and sports in mind.

The innovative servo bias input on the industry-standard 3-pin LEMO connector provides a programmable, regulated bias voltage to accommodate a wide variety of electret microphones. Two bicolor LEDs make adjusting input levels for proper modulation easy and accurate. The backlit LCD and membrane switch control panel are user-friendly even in poor lighting conditions. An infrared port allows for transmitter settings to be sent in seconds from a compatible receiver.

Battery Charger

CHS12LB50A



This battery charging station provides a convenient and organized means of recharging LB-50 batteries in larger systems with numerous batteries in regular use. The standard 19 inch 1RU faceplate can be mounted in equipment racks for installations, or in transit cases or suitcases for mobile applications.

The unit is powered by external 5 VDC from the supplied AC power adapter.

- Charges up to 12 LB-50 Lithium Ion batteries
- Individual charging circuits and status indicators

LmB (L-Series)

Also see L-Series Kits on page 34



The LmB works well as a musical instrument transmitter when combined with the MI39-type interface cables.

Digital Hybrid Belt-Pack Transmitter

- 75 MHz tuning range
- Digital Hybrid Wireless® for compandor-free audio
- 50 mW RF power
- Compatibility modes for use with hybrid and analog receivers
- Fixed antenna
- 25 or 100 kHz tuning steps
- Integrated multi-function switch for mute or talkback modes

The LmB transmitter brings Digital Hybrid Wireless® technology and a wide, 75 MHz tuning bandwidth to a moderate cost level, while preserving superb performance in a belt-pack transmitter. The LmB is lightweight and housed in a tough, all-metal shell. A 50 mW RF output provides plenty of range and resistance to interference. An LCD and membrane switches make the LmB easy to set up and use. A multi-function, programmable toggle switch allows audio muting, power on/off, or talkback (when used with talkback enabled receivers).

The LmB is available in multiple frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
*C1	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26

*Export Only

HMa

Digital Hybrid Plug-On Transmitter



Also see L-Series Kits on page 34 and systems on page 35-36

The HMa is available in multiple frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
C1*	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26
941**	(941.525 - 959.825 MHz)	Block 941

*Export Only

**Licensed Wireless Microphone Operators

- Converts microphones with XLR jacks to wireless operation
- Backlit LCD and membrane switches for setup
- Selectable 5, 18 and 48 volt phantom power plus off position for dynamic microphones
- Adjustable low frequency roll-off
- Powered by two AA batteries
- 75 MHz tuning range
- Selectable 50 and 100 mW output power (25 and 50 mW for EU version)

The HMa Digital Hybrid Wireless® plug-on transmitter features a DSP-based design that allows the transmitter to operate in its native Digital Hybrid Wireless® mode, with IFB product groups and compatibility with analog receivers from other manufacturers. A unique multi-voltage phantom power feature allows the transmitter to be used with virtually any microphone, including high-current condenser types, expanding its usefulness in high-end applications such as motion picture production and test and measurement.



Standard Belt-Pack Transmitter

LT (L-Series)

- 75 MHz tuning range
- Digital Hybrid Wireless® for compandor-free audio
- Selectable RF Power at 50 or 100 mW (50 mW for EU)
- Compatibility modes for use with analog receivers
- Servo mic input and high impedance line input for instrument pickups
- Integrated multi-function switch for mute or talkback modes
- Detachable antenna
- Responds to remote command via 3rd party LectroRM app
- Includes high-impedance instrument input for incredible guitar tone

The LT comes from a long line of Lectrosonics beltpack transmitters, combining award-winning Digital Hybrid Wireless® technology, wide tuning bandwidth of 75 MHz, a multi-function toggle switch and the ability to respond to remote commands in a rugged, machined-aluminum housing. A backlit LCD and membrane switch interface makes the LT a snap to set up and use.

The LT is available in multiple frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
*B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
C1	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26
		*Export Only

Also see L-Series Kits on page 34 and systems on page 36



SCAN TO
SEE VIDEO

Water-Resistant Transmitter

WM

- Water-resistant, rugged, machined-aluminum housing with noncorrosive, super-hard finish
- Digital Hybrid Wireless® for compandor-free audio
- Selectable RF output power
- 2xAA battery powering
- Membrane switches and backlit LCD interface
- Responds to remote commands via 3rd party LectroRM app
- Includes M152WP lav mic or you can choose optional upgrade of VT500 water lav mic
- 25 MHz tuning range with circulator/isolator

The water-tight WM transmitter is based on the SM Series with Digital Hybrid Wireless® for outstanding audio quality with the addition of a special case design for extreme durability in all environments. The WM features a backlit LCD, membrane control surface, and 2xAA battery powering for long operating time. The WM can be set to operate at 50, 100 or 250 mW RF output (25 and 50 mW for EU version) with an RF circulator/isolator in the output stage for applications where large channel counts are needed.

The WM includes an M152WP lav microphone. Or, as an upgrade, order with the optional Voice Technologies VT500 Water



HHa

Digital Hybrid Hand-Held Transmitter

**Shown with optional
HHC Cardioid Con-
denser Capsule*



SCAN TO
SEE VIDEO

The HHa Digital Hybrid Wireless handheld transmitter represents an elegant solution for a variety of wireless microphone applications including live performance, broadcast, AV rental, and houses of worship. The HHa incorporates many advanced features to provide high-quality speech and vocal reinforcement. Along with providing peerless audio quality with wide frequency response and dynamic range in native Digital Hybrid mode, the technology used in the HHa includes compatibility modes for IFB receivers and some systems from other top manufacturers. (Contact Lectrosonics for details.)

- 25 or 100 kHz tuning steps for up to 3072 selectable frequencies across a 75 MHz tuning range
- Standard thread-on capsules
- Membrane switch and LCD interface
- Selectable RF power at 50 and 100 mW (25 and 50 mW for EU version)
- Talkback feature
- IR (Infrared) Port for fast setup

The HHa is available in multiple frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
C1*	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26
941**	(941.525 - 959.825 MHz)	Block 941

*Export Only

**Licensed Wireless Microphone Operators

Interchangeable Capsules

Lectrosonics offers the HHC cardioid condenser capsule. Thread-on capsules from other manufacturers using a 1.25 in. opening and 28 thread pitch can also be used, including those from manufacturers such as EV, Shure®, Heil Sound™, DPA, Telefunken® and others.

SM Series

Digital Hybrid Super Miniature Transmitters



The SM Series family brings Digital Hybrid Wireless® technology to super-small transmitters in two different configurations for essentially any application requiring a lavalier or head worn microphone. The tiny size of these transmitters makes concealment easy, yet with state-of-the-art audio and RF performance. The splash-proof and sweat-proof housings allow reliable operation even in demanding environments.

Both the SMV and SMQV (SMb and SMDb for some export markets) have removable antennas and offer 3 power levels: 50 mW, 100 mW and 250 mW, depending on the

- Current-servo input for maximum dynamic range and acceptance of a wide variety of microphone types
- Ultra-small size, backlit LCD interface and remote-control capable
- SMV: Variable isolated RF output, smallest size
- SMQV: Variable isolated RF output, dual battery for extended operational time
- Digital Hybrid Wireless® for compandor-free audio or compatibility with analog receivers

application. The EU versions are fixed at 50 mW. The lower power settings provide longer battery life while the higher settings give greater range and resistance to dropouts.

Setup and control is simplified with membrane switches and an LCD interface. Multiple functions are clearly marked on the panel, with on-screen prompts on the LCD as reminders when another switch must be held or the selection is locked out.

The innovative servo bias input on the standard 5-pin connector provides a programmable, regulated voltage to accommodate a wide variety of electret microphones. Two bicolor LEDs make adjusting input levels for proper modulation easy and accurate.

Digital Hybrid Wireless

Accessories

	Part Number: 13585 Description: Mic Clip for UT, HH and HHa Handheld Transmitters		Part Number: 35679 Description: Lectrosonics Screwdriver
	Part Number: 21359 Description: Plug Cord, Female, 5 Pin TA5F		Part Number: 35510 Description: Water/Dust Protective Boot for SM Series Transmitter and SM5P Microphone Connectors
	Part Number: 21472 Description: Right Angle Power Cord, Coaxial Plug, Stripped/Tinned Leads, 6 ft. Long		Part Number: 35924 Description: Thermal Insulation Pad for SM Series Beltpack Transmitters
	Part Number: 21750 Description: Polarity-Reversing XLR Barrel Adapter		Part Number: 40106-1 Description: LB50 Replacement Battery for SSM Transmitter
	Part Number: 21926 Description: USB Cable for firmware updates		Part Number: 40117 Description: USB-C or Micro-B Powered Dual Charger for 40106-1 LiOn Battery
	Part Number: 26481 Description: Audio Plug Shell for MM400 and WM Transmitters		Part Number: A7U Description: Replacement UHF Antenna for UM190, UM195, UM195b, 470-608 MHz
	Part Number: 26486 Description: Replacement Wire Belt Clip for MM-Type Transmitters		Part Number: ACOAXTX Description: Antenna, Coaxial, SMA Plug for Transmitters, Specify Block
	Part Number: 26526 Description: Replacement Wire Belt Clip for LM-Type Transmitters		Part Number: AMJ Description: Swivelling Whip Antenna with Standard SMA Connector, Specify Block
	Part Number: 26862 Description: Thumb Screw for Beltclips on the SM Series Transmitters		Part Number: AMJKIT Description: Swivelling Whip Antenna Kit with Color Caps
	Part Number: 26872 Description: Mic Capsule Wrench for HH and HHa Removable Mic Capsules		Part Number: AMM-KIT Description: Transmitter Antenna Kit with Color Caps
	Part Number: 26995 Description: Replacement Belt Clip for SSM Transmitter, Antenna Down Orientation		Part Number: AMM-0 Description: Transmitter Antenna Color Caps
	Part Number: 27079 Description: Belt Clip for SSM Transmitter, Antenna Up Orientation		Part Number: AMM Description: Transmitter Antenna for UHF Belt-Pack Unit, Specify Block
	Part Number: 28832 Description: Replacement Set Screw for SM Series Wire Belt Clip (all variations)		Part Number: BATTSLD Description: General Purpose Battery Adapter. Optional Spring Loaded Clip is Available. BATTERY NOT INCLUDED

Accessories

Digital Hybrid Wireless



Part Number: BCHINGED
Description: Hinged Belt Clip Kit for UM and LM Transmitters



Part Number: ISO9VOLT
Description: Isolated Battery Eliminator with M-Style Battery Door for UM Transmitters



Part Number: BCSLEBN
Description: Hinged Belt Clip Kit for LT Transmitters



Part Number: LMCVR
Description: Silicone Cover Protects the LMB Transmitter from Moisture and Dust.



Part Number: BCWIRE
Description: Wire Belt Clip Kit for UM and LM Belt-Pack Units



Part Number: LTBATELIM
Description: Battery Eliminator for LT, DBu and DCHT Transmitters



Part Number: CCHH
Description: Pouch for Handheld Transmitters



Part Number: LTCVR
Description: Silicone Cover Protects the LMB Transmitter from Moisture and Dust.



Part Number: CH12
Description: AC Adapter, 115VAC In, 12VDC Out for ISO9V Battery Eliminator



Part Number: LT-MDOR
Description: Replacement door kit for LT transmitter



Part Number: HH2SEN
Description: HH Adapter for Capsules Designed for G2, G3 and 2000 Series Sennheiser® Wireless



Part Number: MC35
Description: Adapter Cable, 37 in., Line Level, XLR to TA5F



Part Number: HHC
Description: Cardioid Electret Standard Mic Capsule for HH Series Transmitters



Part Number: MC40
Description: Adapter Cable, 37 in., Mic Level, XLR to TA5F, Wired for Dynamic Mic Input to Transmitters



Part Number: HHVMC
Description: Cardioid Electret Mic Capsule with Variable EQ for HH Series Transmitters



Part Number: MC41
Description: Adapter Cable, 37 in., Mic Level, XLR to TA5F, Works with Early 5-pin Inputs and Servo Bias Inputs



Part Number: HHXTND
Description: Extender for Mic Flag which Allows for Access to LCD Screen and Talk-back Button



Part Number: MC44
Description: Adapter Cable, 37 in., Male 1/4 in. Mono Plug to Male Locking Micro Plug



Part Number: HMCVR
Description: Silicone Cover Protects HM Transmitters from Moisture and Dust.



Part Number: MC47
Description: Adapter Cable, 37 in., RCA to TA5F



Part Number: HM-MDOR
Description: Replacement door kit for HM transmitter



Part Number: MC49
Description: Adapter Cable, 12 in., Line Level, TA3F to TA5F



Part Number: ISO9VOLT
Description: Isolated Battery Eliminator without Door



Part Number: MC60
Description: Adapter Cable, 37 in., Mic Level, XLR to TA5F, 5V Bias on XLR



Part Number: ISO9VOLT
Description: Isolated Battery Eliminator with H-Style Battery Door for Plug-on Transmitters



Part Number: MCA5X
Description: Adapter, TA5F to XLRM, for Lav Mics with Plug-On Transmitters

Digital Hybrid Wireless

Accessories



Part Number: MCABRLTA5MUWP
Description: Universal Barrel Adapter, 5-pin Mic to MM Style Transmitters and WM Input



Part Number: P1298
Description: Anti-roll Sleeve for HH Transmitter



Part Number: MCA-M30
Description: Mic adapter for Earthworks M30 and other measurement microphones used with HM & UH Series plug-on transmitters.



Part Number: PHTRAN3
Description: Leatherette pouch with belt clip for HM, HMa, DPR, and DPR-A plug-on transmitters.



Part Number: MCATA5MLEMO
Description: Adapter Cable, 6 in., TA5M to LEMO 3 for Standard Lav Mics into SSM Transmitter



Part Number: PSLZRDUAL
Description: LZR Style Plug to LZR Style plug, 6 ft. Power Cable



Part Number: MCATA5MUWP
Description: Universal Mic Cable Adapter, TA5F to WP



Part Number: PSMD
Description: Leatherette pouch for SMDB/SMQV dual-battery transmitters.



Part Number: MCAXLRLINE-WP
Description: Cable Adapter, XLR to WP for MM Style Transmitters and WM Transmitters, Line Level



Part Number: PSMDWB
Description: Leatherette pouch for dual-battery SM Series transmitters.



Part Number: MCAXLRMIC-WP
Description: Cable Adapter, XLR to WP for MM Style Transmitters and WM Transmitters, Mic Level



Part Number: PSMWB
Description: Leatherette pouch for single-battery SM Series transmitters.



Part Number: MI33PRA
Description: Instrument Cable, 1/4 in. Right Angle to TA5F, for High-Output Active Pickups or LT Transmitter



Part Number: RATPAC
Description: Kit for a Single Right Angle 3- or 5-pin TA Conn. for Transmitter Inputs or SR Receiver Outputs



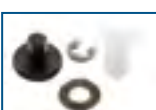
Part Number: MI33PST
Description: Instrument Cable, Passive, 1/4 in. Straight to TA5F, for High-Output Active Pickups or LT Transmitter



Part Number: REFUMCABLE
Description: Connecting Cable for Mute Switch, used between Switch and Transmitter



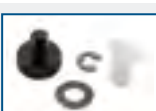
Part Number: MI39ARA
Description: Instrument Cable, for Passive Pickups, 1/4 in. Right Angle to TA5F



Part Number: SM1DOORKIT
Description: Replacement battery door knob kit for single-battery SM Transmitters (does not include battery door)



Part Number: MI39AST
Description: Instrument Cable, for Passive Pickups, 1/4 in. Straight to TA5F



Part Number: SM2DOORKIT
Description: Replacement battery door knob kit for dual-battery SM Transmitters (does not include battery door).



Part Number: MMCABLE
Description: Battery Cap, Lanyard, Hardware for All MM Transmitters



Part Number: SMA-MD0R
Description: Replacement Battery Door for SM Series Single Battery Transmitters



Part Number: ORINGKIT/WM
Description: Replacement O-ring Kit for the WM Transmitter



Part Number: SMBATELIM
Description: Battery Eliminator for SM Series Transmitters



Part Number: MUTE
Description: Audio Muting Switch, Belt Mount, for All Current 5-pin Beltpack Transmitters



Part Number: SMBCDN
Description: Machined, Wire Belt Clip for Single-Battery SM transmitters, Antenna Down

Accessories

Digital Hybrid Wireless



Part Number: SMBCUP
Description: Machined, Wire Belt Clip for Single-Battery SM/SMa/SMb/SMV Transmitters, Antenna Up



Part Number: SMDWBCSL
Description: Spring-loaded Clip for Dual-Battery SMDWB/DBSMD Transmitter, Antenna Up or Down



Part Number: SMBCDNSL
Description: Spring-loaded Belt Clip for Single-Battery SM/SMa/SMb/SMV Transmitters, Antenna Down



Part Number: SMWB-MDOR
Description: Replacement door kit for SMDWB transmitter



Part Number: SMBCUPSL
Description: Spring-loaded Belt Clip for Single-Battery SM/SMa/SMb/SMV Transmitters, Antenna Up



Part Number: SSMCVR
Description: Silicone Cover Protects the SSM Transmitter from Moisture and Dust.



Part Number: SMDA-MDOR
Description: Replacement Battery Door for SM Series Dual Battery Transmitters



Part Number: T187-MD
Description: Replacement Battery Cover for UT Transmitter



Part Number: SMDBC
Description: Machined, Wire Belt Clip for Dual-Battery SMD/SMDb/SMQV Transmitters, Antenna Up or Down



Part Number: WMBCSL
Description: Spring-Loaded Machined Aluminum Clip for WM Transmitter



Part Number: SMDBCSL
Description: Spring-loaded Belt Clip for Dual-Battery SM/SMa/SMb/SMV Transmitters, Antenna Up



Part Number: WMBCWIRE
Description: Machined, Wire Belt Clip for Dual-Battery WM Series Transmitters, antenna up or down



Part Number: SMDWB-MDOR
Description: Replacement door kit for SMDWB transmitter



Part Number: WMDESIKIT
Description: Includes Replacement Battery Caps with Desiccant Beads, O-rings, Lanyards, Thumbscrew and Allen Wrench



Part Number: SMKITTA5
Description: Connector Kit for SM-type Transmitters, 5-pin TA5F Plug with Sleeve



Part Number: WPMC-10
Description: Connector Kit, Watertight, for Mics used with MM and WM Transmitters, 10 Pcs.



Part Number: SMWBBCUP
Description: Wire Clip for Single Battery SMWB/DBSM Transmitter, Antenna Up



Part Number: WPMC-3
Description: Connector Kit, Watertight, for Mics used with MM and WM Transmitters, 3 Pcs.



Part Number: SMWBBCDN
Description: Wire Clip for Single-Battery SMWB/DBSM Transmitter, Antenna Down



Part Number: SMWBBCUPSL
Description: Spring-loaded Clip for Single-Battery SMWB/DBSM Transmitter, Antenna Up



Part Number: SMWBBCDNSL
Description: Spring-loaded Clip for Single-Battery SMWB/DBSM Transmitter, Antenna Down



Part Number: SMDWBBC
Description: Wire Clip for Dual-Battery SMDWB/DBSMD Transmitter, Antenna Up or Down

Miniature Digital Hybrid Portable Receiver

LR

- 75 MHz tuning range
- Tracking front-end filters
- Digital Hybrid Wireless® for compandor-free audio
- Diversity reception
- Compatibility modes for use with analog transmitters
- Ultra small size for camera mounting
- Locking balanced output

The ultra-compact LR takes the Lectrosonics Digital Hybrid Wireless® portable receiver concept to a whole new level. The wide tuning bandwidth of 75 MHz with tracking front-end filters gives plenty of flexibility while avoiding the vulnerabilities of wider pass bands. Compatibility modes allow the LR to operate with older analog transmitters. Dual antenna diversity improves range and resistance to dropouts. The RF spectrum analyzer and SmartTune capability make quick work of finding clean frequencies on site. A large, backlit LCD provides instant, clear information for setup and status monitoring while operational. Detachable antennas allow for remote antenna mounting.

The LR is available in three different frequency ranges for worldwide use:

A1	(470.100 - 537.575 MHz)	Blocks: 470, 19, 20
B1	(537.600 - 607.950 MHz)	Blocks: 21, 22, 23
C1	(614.400 - 691.175 MHz)	Blocks: 24, 25, 26



SCAN TO
SEE VIDEO



SRc Series

Digital Hybrid Slot Mount Receiver

SRc



SRc5P



The SRc5P and SRc each consist of two separate receivers built into a single, ultra compact housing with adapters for video camera receiver slots or for stand-alone use. Digital Hybrid Wireless® technology provides superb, compandor-free audio quality and compatibility with other wireless systems. The RF performance is extremely stable over a very wide temperature range, making the receiver perfectly suited to the rough environmental conditions found in field production.

DSP compatibility modes allow the receiver to be used with a variety of Lectrosonics systems, including Lectrosonics IFB transmitters, along with other brands of wireless systems.

The front panel features a menu-driven LCD interface and four membrane switches which are used to view and alter settings. The main LCD window displays the pilot

- Tunes over a 75 MHz range
- Dual receiver design for two channels with phase switched diversity or single channel with ratio diversity operation
- Digital Hybrid Wireless® for exceptional audio quality
- Tracking front-end filters for high performance in tough RF environments
- LCD with RF spectrum scanning
- SmartSquelch™ DSP-controlled, noise based filtering and squelch
- SuperSlot™ compatibility
- IR sync port for quick transmitter setup
- SmartTune operation for quick and confident frequency selection
- Talkback function with select transmitters

tone indicator, diversity activity, RF level, audio level and transmitter battery status for both receivers. To find clear operating frequencies, a built-in spectrum analyzer scans across the tuning range of the receiver and displays a histogram of RF activity across the band. Areas with little or no RF activity are easily recognizable.

The two internal receivers can be operated separately, each using switching, antenna combining diversity, or in tandem with ratio diversity reception. The audio outputs of the receivers can be mixed internally, or left separated for discrete recording tracks or external mixing.

A variety of output adapters and mounting options are available for camera slot operation. The receivers are powered from an external 7 to 18 volt DC source. The SRc5P model provides a 5-pin connector next to the control panel with audio output from both channels in addition to the camera slot outputs.

The SRc requires one of the following kits:

SRAES3, SRSUPER, SRSNY, SREXT, SRBATTSLD, SRHARNESS or SRDB25

SRAES3 - The output of any SR Series receiver can be delivered in analog or digital audio formats using this adapter.

- AES3 digital audio at 48 kHz sampling with an internal clock
- AES3 digital audio with an external word clock at 44.1, 48 or 96 kHz sampling
- Balanced analog audio from - 50 dBu to +5 dBu in 1 dB steps



SRSuper for Unislot-type cameras for Panasonic, Ikegami, JVC and SuperSlot™ Devices (Sound Devices SL-6, SL-2)
Provides data connection for SuperSlot Docks



SUPER SLOT™

SRDB25 For Docking in Octopack or Quadpack

Provides data connection for SuperSlot Docks



Digital Hybrid Slot Mount Receiver

SRc Series

SRSNY for Sony®
slot-mount cameras



The **SRBATTSLD** adapters allow
powering with
“L” or “M” type
rechargeable
batteries



SREXT for external
camera mounting



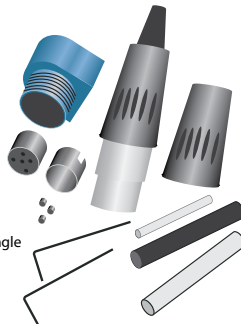
SRDB25AES allows digital outputs
from SR, SRB, SRC receivers
when slot mounted



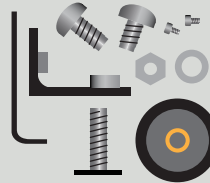
SR Series -

Adaptive to fit all your
portable wireless
receiver needs.

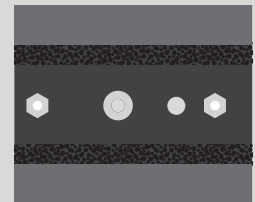
RATPAC KIT
Build straight or right angle
TA3 or TA5 connectors



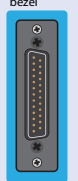
SRHARDWARE
Mounting hardware kit for SRSLEEVE



SRSLEEVE
Mounting sleeve w/ velcro switch



SRSUPER
Output
adapter
w/ mounting
bezel



SRDB25
Output
adapter



SRSNY
Output
adapter
w/ mounting
bezel



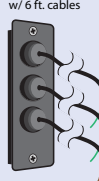
SREXT
Output
adapter
w/ 21747
cable



SRAES3
Output
adapter;
digital/analog
audio



SRHARNES
Output adapter
w/ 6 ft. cables



MCSR/SPXLR5P

Audio output cable; RATPAC
5-pin to XLR5M; channel 1
and 2 signals



MCSR/SPXLR1

Audio output cable;
RATPAC 5-pin to XLR3M;
channel 2 signal

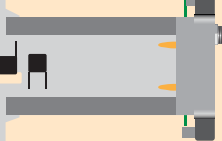


MCSR/SPXLR2

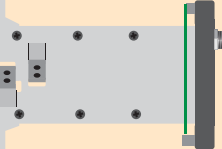
Audio output cable;
RATPAC 5-pin to (2)
XLR3M; channel 1
and 2 signals



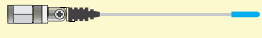
SRBATTSLD TOP
Battery mount and output adapter



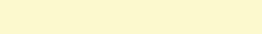
SRBATTSLD BOTTOM
Battery mount and output adapter



AMJ
Whip antenna (specify block); rotating connector



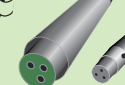
AMM
Whip antenna (specify block); straight whip



MCSRXLRL
TA3F to XLR3M;
15 in. length



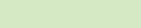
MCSRXLRF
TA3F to XLR3F;
12 in. length



MCSRTRS
Dual TA3F to male
3.5mm TRS; 12 in.
length



MCSRPT
TA3F to stripped and
tinned; 15 in. length



PS12A
Hirose 7-4 to sleeve;
12 in. length



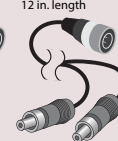
PS212A
Hirose 7-4 to
dual sleeve;
12 in. length



PS200A
Hirose 7-4 to
locking sleeve;
12 in. length



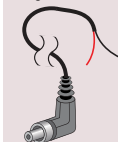
PS2200A
Hirose 7-4 to dual
locking sleeve;
12 in. length



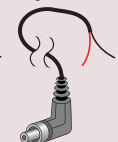
PS2212A
Hirose 7-4 to locking
and non-locking sleeve;
12 in. length



P/N 21746
Right angle locking
sleeve to stripped
and tinned; 12 in.
length



P/N 21747
Right angle locking
sleeve to stripped
and tinned; 6 ft.
length



P/N 21472
Right angle sleeve
to stripped and
tinned; 6 ft.
length



P/N 21586
Locking sleeve
to stripped and
tinned; 6 ft.
length



P/N 21425
Sleeve to stripped
and tinned; 6 ft.
length



Venue 2

Multi-Channel Rack Receiver



The Venue 2 Receiver is a modular solution that effectively deals with a congested RF spectrum with a variety of options that allows a system configuration to be idealized for a particular installation or application.

The receiver is comprised of several components:

- The master rack mount host assembly
- Up to six receiver modules
- Built-in antenna multicoupler with loop-thru output
- Software for setup and control

Flexibility is the core concept of the design. The receiver modules can be operated separately, each with switched diversity reception for a total of six audio channels or operated in pairs for more robust diversity reception with one audio channel per module pair. Combinations can also be used for special applications where some modules operate independently and others are paired.

- 3-block tuning for up to 75 MHz and 3072 synthesized UHF frequencies per receiver module
- Six-channel modular configuration
- Ratio or Antenna Phase diversity reception
- IR port for quick transmitter setup
- DSP emulation modes for compatibility with analog wireless systems in addition to the Digital Hybrid mode
- iQ™ dynamic tracking filters for enhanced RF performance
- Wireless Designer™ setup and control software included
- Talkback function with select transmitters
- Ethernet, USB and RS-232 computer interface ports
- Three versions available:
VRM2WBL tunes bands A1, B1, B2, C1
VRM2WBM tunes bands B1, C1, C2

VRT 2 (Venue 2)

iQ™ Receiver Modules



A1, B1, B2, C1, C2

iQ™ Each VRT2 receiver module features a tracking front-end filter that travels across the spectrum to stay centered on the selected operating frequency. Under certain conditions, the filter parameters change automatically to minimize IM (intermodulation).

When the incoming RF signal is strong, the iQ filter switches to a narrowband mode with reduced gain for additional suppression of signals above and below the operating frequency. This mode is especially useful in applications such as a live stage production where transmitters are generally close to the receiver antennas. In these conditions, IM is prevalent, but the signals that generate it are significantly reduced by the narrowband filter mode.

Digital Hybrid Table-Top Receiver

R400a

- Digital Hybrid Wireless® for compandor-free audio
- Compact design and metal construction
- Compatibility modes for use with analog transmitters
- SmartTune™ function for quick, accurate tuning
- Separate XLR and 1/4 in. outputs with independent level control
- Available as stand-alone, single or dual-rack versions
- 25 MHz tuning range



The R400a is a high performance, Digital Hybrid Wireless® diversity receiver compatible with all Lectrosonics 400 series transmitters, and a number of analog models. The R400a features a powerful menu-driven LCD graphic display as a convenient means of monitoring performance and altering settings. A built-in RF spectrum analyzer is

included to conduct site surveys to find interference-free operating frequencies. Balanced XLR and unbalanced ¼ in. outputs can be controlled separately. The R400A is offered as a stand-alone unit, as a single-channel 1RU rack unit, or as a dual-channel 1RU rack unit (see below).

R400a Rack Mount Adapters

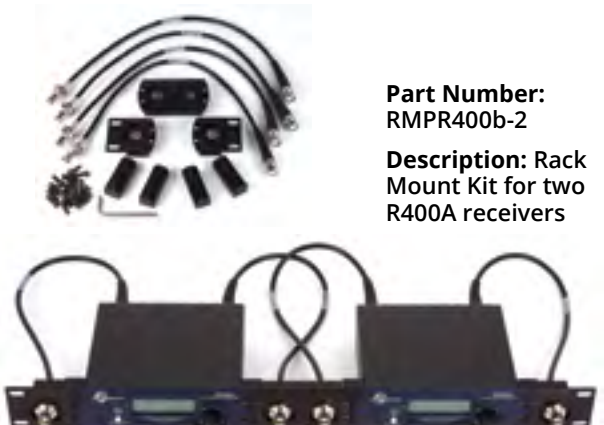
R400a + RMPR400b-1



Part Number:
RMPR400b-1

Description:
Rack Mount Kit
for one R400A
Receiver

(2) R400a + RMPR400b-2



Part Number:
RMPR400b-2

Description: Rack
Mount Kit for two
R400A receivers

Multicouplers for all rack receivers

UMC16B

- UMC16BL: 470 to 692 MHz (blocks 470 to 26)
- UMC16B-A1B1: 470 to 615 MHz (bands A1, B1)
- UMC16B-941: 941 to 960 MHz (band 941)



The UMC16B multi-coupler combines ceramic filtering with low noise, high IP3 RF distribution to provide outstanding performance for both analog and digital wireless systems. Up to eight diversity receivers can be utilized in up to a 230 MHz passband. The UMC16B can be powered from an

external supply, 12 to 18 VDC for mobile applications or from 90 to 240 VAC for installations using the regulated power supply furnished with the unit. A locking connector on the rear panel secures the power connection.

Accessories

Digital Hybrid



Part Number: 21425

Description: 6 ft. DC Power Cord, Coaxial to Stripped and Tinned Leads



Part Number: 21926

Description: USB Cable for firmware updates



Part Number: 21499

Description: Power Cable 60320 C13 to Edison



Part Number: 26895

Description: Replacement Wire Belt Clip for LT, LR and DB



Part Number: 21586

Description: DC Power cable, Locking LZR Type Plug to Stripped and Tinned Leads.



Part Number: 27252

Description: Rack filler panel, single wide, blank



Part Number: 21642

Description: Euro Power Cord CEE 7/7 (Schuko) Plug



Part Number: 27253

Description: Rack filler panel, double wide, blank



Part Number: 21643

Description: UK Power Cord BS 1363 Plug



Part Number: 27254

Description: Rack filler panel, vented, single wide, blank



Part Number: 21644

Description: Australian Power Cord S3112 Plug



Part Number: 35554

Description: Rain Cap for SR Series/5P Output



Part Number: 21713

Description: Cable, MB USB A2B



Part Number: 35908

Description: Adhesive Battery Strap for Easy Removal of NP1 Style Batteries. BATTERY NOT INCLUDED



Part Number: 21730

Description: 12 in. BNC Antenna Loop-Around Cable for R400 Rack Mount Kit



Part Number: A1955

Description: Straight VHF Helical Whip Antenna for CR187 and Other Portable VHF Receivers



Part Number: 21746

Description: DC Power Cord, 1 ft, Stripped and Tinned



Part Number: A195RA

Description: Right Angle VHF Helical Whip Antenna for CR187 and Other Portable VHF Receivers



Part Number: 21747

Description: DC Power Cord, 6 ft, Stripped and Tinned



Part Number: A500RA

Description: Antenna, UHF, Right Angle BNC, Specify Block



Part Number: 21762

Description: Neutrik Right Angle XLR Female Connector, Cast Metal Housing



Part Number: A500S

Description: Antenna, UHF, Flexible, Straight BNC 470-608 MHz



Part Number: 21793

Description: Male SMA to Female SMA Right Angle Adapter



Part Number: A8U

Description: Antenna, UHF, Straight BNC, Specify Block



Part Number: 21841

Description: 32 in. "Lamp Cord" Type Cable Assembly, Straight Locking, Power for RPS4



Part Number: AMJ

Description: Swivelling Whip Antenna with Standard SMA Connector Specify Block

Digital Hybrid

Accessories



Part Number: AMJKIT
Description: Swivelling Whip Antenna Kit with Color Caps



Part Number: AMM KIT
Description: Transmitter Antenna Kit with Color Caps



Part Number: AMM-0
Description: Transmitter Antenna Color Caps



Part Number: AMM
Description: Transmitter Antenna for UHF Belt-pack Unit, Specify Block



Part Number: BATTLED
Description: General Purpose Battery Adapter, Optional Spring Loaded Clip is Available, BATTERY NOT INCLUDED



Part Number: BIAST
Description: DC Power Supply, Inline, for UFM50, UFM230, or ALP650



Part Number: CCIS400
Description: Waterproof Case for R400A and IM Transmitter



Part Number: CCMINI
Description: Zip Pouch for Compact Wireless System



Part Number: CCTM400
Description: Waterproof Case for R400A and HM Transmitter



Part Number: CH12
Description: AC Adapter, 115VAC In, 12VDC Out for ISO9V Battery Eliminator



Part Number: DCR12/A4U
Description: Power Supply for R400a Receivers



Part Number: DCR12/A5U
Description: Power Supply with Universal Socket (Adapters Incl.), 100-240VAC In, 12VDC Regulated Output



Part Number: DCR15/4AU
Description: Power Supply for Venue 2 Receiver. 4ADC 100-240V in, 15VDC Regulated Output



Part Number: LRSHOE
Description: Accessory Camera Shoe Mount Adapter for LR Receiver



Part Number: LRBATELIM
Description: Battery Eliminator for LR Receiver



Part Number: MCAXLATTEN
Description: Balanced XLR Male to Stripped and Tinned Leads, 20dB Attenuation



Part Number: MC49
Description: 12 in. Cord, TA3F to TA5F, Line Level



Part Number: MC51
Description: TA3F to 1/4 in. Male Line Level Adapter Cable



Part Number: MC52
Description: TA3F to TA3F Line Level Adapter Cable



Part Number: MC55
Description: Adapter Cable, 15 in., Unbalanced Line-Level Mini Right-Angle Plug to Balanced Mic Level (45dB Attenuation). Includes Capacitors to Block DC



Part Number: MC100TRS
Description: Output Cable, 12 in., TRS to TRS, for UCR100



Part Number: MC100XLR
Description: Output Cable, TRS to XLR (Unbalanced), for UCR100



Part Number: MCLRTRS
Description: Output Cable, 18 in., TA3F to 1/8 in. TRS, Dual Mono, for LR Receiver to Camera Input. 18 in.



Part Number: MCSRPT
Description: Audio Cable, for SR Receiver. TA3F Plug to Stripped, Tinned Leads, 15 in.



Part Number: MCSRTRS
Description: Audio Cable, for SR Receiver, 3.5mm TRS (stereo) Plug to Dual TA3F plugs; 12 in.



Part Number: MCSRXLR
Description: Audio Cable, for SR Receiver, TA3F Plug to XLRM, 18 in.

Accessories

Digital Hybrid



Part Number: MCSR/5PXLR1

Description: Audio Cable for SR Receiver, Right Angle TA5 to 3-pin Male XLR. 20 in.



Part Number: MCSR/5PXLR2

Description: Audio Cable for SR Receiver, Right Angle TA5 to Two 3-pin Male XLRs. 20 in.



Part Number: MCSR/5PXLR5P

Description: Audio Cable for SR Receiver, Right Angle TA5 to 5-pin Male XLR. 25 in.



Part Number: MCVRFIELD

Description: Cable, XLRF Right Angle to Mic Cable with Stripped, Tinned Leads, 36 in.



Part Number: P1196

Description: Replacement Retainer Clip for Venue, VR Field Receiver Modules



Part Number: PF25

Description: Passive In-line Filter 25 MHz Bandwidth, Specify Block



Part Number: PS12A

Description: Power Cable, 12 in., Hirose4 to DC Coax



Part Number: P1214

Description: Hole Cover for VRFIELD



Part Number: P1215

Description: Battery Cover for NP1 Style Battery on VRFIELD



Part Number: PS200A

Description: Power Cable, 12 in., Hirose4 to LZR



Part Number: PS212A

Description: Power Cable, 12 in., Hirose4 to Dual DC Coax



Part Number: PS2200A

Description: Power Cable, 12 in., Hirose4 to Dual LZR



Part Number: PS2212A

Description: Power Cable, 12 in., Hirose4 to 1 DC Coax, 1 LZR



Part Number: PSLZRDUAL

Description: LZR Style Plug to LZR Style Plug, 6 Ft.



Part Number: PSLZR DUAL 12

Description: LZR Style Plug to LZR Style Plug, 6 ft. Power Cable



Part Number: PSLZR DUAL 18

Description: LZR Style Plug to LZR Style Plug, 6 ft. Power Cable



Part Number: RATPAC

Description: Kit for a Single Right Angle 3- or 5-pin TA Conn. for Transmitter Inputs or SR Receiver Outputs



Part Number: RMP200-1

Description: Rack Mount Kit for One UDR200 or UDR700 Receiver, for R400a 1st Gen. Black Models



Part Number: SR9VBP

Description: 9V Battery Pack for SRBATTSLD and OCTOPACK



Part Number: RMP200-2

Description: Rack Mount Kit for One UDR200 or UDR700 Receiver, for R400a 1st Gen. Black Models



Part Number: SRAES3

Description: AES3 Digital Audio at 48 kHz Sampling with Internal Clock. Balanced Audio from -50dBu to +5dBu



Part Number: SRBATTSLD TOP

Description: Battery Adapter for SR Receivers. Accepts L and M Type Rechargeable Batteries



Part Number: SRBATTSLD BOTTOM

Description: Battery Adapter for SR Receivers. Accepts L and M Type Rechargeable Batteries



Part Number: SRDB25

Description: Connector Plate for SR Series Units used in Octopack and Quadpack



Part Number: SRDB25AES

Description: Connector Plate for SR Series Units used in Octopack and Quadpack



Part Number: SREXT

Description: Adapter Kit for SR Receiver, Two TA3 Audio Output Jacks, Locking Power Connector, Incl. 6 Ft. Power Cord

Digital Hybrid

Accessories



Part Number: SRHARDWARE
Description: Hardware Kit for SRSLEEVE, Right Angle and Straight Brackets for Cold Shoe Mounting



Part Number: SRHARNESS
Description: Output/Power Adapter Panel for SR Receiver, Strain Relief Attached Cables



Part Number: SRSLEEVE
Description: Mounting Sleeve for SR Receiver, Includes Velcro



Part Number: SRSNY
Description: Mounting Adapter for SR Receiver for Sony Cameras



Part Number: SRSNYSCREWKIT
Description: Replacement Screw Kit for SRSNY adapter and one spare screw for each size



Part Number: SRSUPER
Description: Mounting Adapter for SR Receiver includes Unislot Mounting Kit, Superslot Compatible



Part Number: SRUNISCREWKIT
Description: Replacement Screw Kit for SRUNI adapter and one spare screw for each size



Part Number: SRUSB
Description: Firmware update adapter for SRc Series receivers



Part Number: UFM230/UFM230L
Description: UHF Filter/Amp Module, 230 MHz Bandwidth



Part Number: UFM50
Description: UHF Filter/Amp Module, 50 MHz Bandwidth



Part Number: ZSC24
Description: Passive Splitter, 2-way



Part Number: ZFSC41
Description: Passive Splitter, 4-way



Part Number: ZFSC843
Description: Passive Splitter, 8-way



Everything in 1 kit to get you up and going faster!

The LR is available individually and also in the following three kits containing transmitter, receiver, mounting hardware, connecting cables and lav mic*.



ZS-LRLMb Kit

Kit includes:

- LR Receiver
- LMb Transmitter
- LR SHOE Camera Mount
- MCSRXLR Cable
- MCLRTRS Cable
- M152/5P Lav Mic
- CCMINI Pouch
- AA Batteries (4X)



ZS-LRLT Kit

Kit includes:

- LR Receiver
- LT Transmitter
- LR SHOE Camera Mount
- MCSRXLR Cable
- MCLRTRS Cable
- M152/5P Lav Mic
- CCMINI Pouch
- AA Batteries (4X)



ZS-LRHMa Kit

Kit includes:

- LR Receiver
- HMa Transmitter
- LR SHOE Camera Mount
- MCSRXLR Cable
- MCLRTRS Cable
- CCMINI Pouch
- AA Batteries (4X)

* Lav mic not included with ZSLRHMa Kit with HMa plug-on transmitter.

Wireless System For Test and Measurement

- Replaces long cable between calibrated microphone and test equipment
- Digital Hybrid Wireless® for compandor-free audio
- Rugged all-metal construction
- SmartTune™ with graphic display for easy selection of clear RF frequencies
- Transmitter converts microphones with XLR jacks to wireless operation
- Selectable 5, 15, 48 Volt microphone powering
- 50 or 100 mW RF output power for long-range (25 or 50 mW for EU version)

The TM400 system was designed to provide the ideal link between calibrated test microphones and measurement equipment such as SIM®, SIA SMAART Live®, TEF® or other systems. By using a radio link, long cables can be eliminated thus saving time and providing opportunities

for additional measurements to increase accuracy. The microphone can even be moved around in the venue while the audience is present – something that is impossible with a cabled measurement microphone.

The employed Digital Hybrid Wireless® technology has some very beneficial properties. Because the information being transmitted is digitally encoded, usable dynamic range is much higher than an analog system can offer, and there is no compandor in the audio signal to interfere with your measurements.

The TM400 system comes standard with the HMA transmitter, R400A receiver and CCTM400 water-resistant case. However, the components can also be ordered separately. Also, the R400A receiver can be ordered with a rack mount front panel at an additional cost.

The Venue receiver can be used for multi-channel systems. The LR receiver is EU compliant and offers the ultimate portability.

System



EU Compliant System



IS400

Digital Hybrid Systems/Packages

Wireless Instrument System

The IS400 with Digital Hybrid Wireless® technology sets new standards for wireless instrument systems. Flat frequency response, low distortion and compandor-free operation provides the closest thing to using a high-quality, short instrument cable. The IS400 reproduces the lowest fundamental from a 5-string bass (low B) up to the very highest overtones and harmonics. The IS400 can be paired with instrument cables such as the MI33P or M139A, microphones, or contact pickups depending on the application.

The standard Instrument System uses an LT Transmitter, but several other transmitter models may also be used as part of the IS400.

For multi-channel systems, the Venue 2 receiver can be used.

- Digital Hybrid Wireless® for Compandor-free audio
- Rugged all-metal construction
- Independent XLR and 1/4 in. audio outputs
- SmartTune™ with graphic display for easy selection of clear RF frequencies
- Level indicators for precise gain adjustment
- High RF output for long-range and dropout-free performance





IS400 - LT and R400a Version



IS400 - LT and LR Version



Recommended Cables for Pickup/Transmitter Combinations:

Transmitter → Pickup Type ↓	Current Servo-Input Transmitters			Notes:
	LMb	LT	SM Series	
Acoustic 	MI39A	MI33P	MI39A	For most acoustic instruments, using a soundhole pickup, or with built-in EQ/preamps. Example: Taylor guitars with ES.
Acoustic High-Level 	MI33P	MI33P	MI33P	Specifies acoustic instruments with exceptionally high output levels or low impedance outputs.
Electric 	MI39A	MI33P	MI39A	Most guitars and basses with passive pickups including high-output passive pickups.
Electric Active 	MI33P	MI33P	MI33P	Instruments equipped with active pickup systems with low-impedance outputs.



"Then, Phil swapped in the transmitter and receiver. I literally could not tell the difference between Lectrosonics wireless and a guitar cable. In fact, I think the Lectro might even sound a little better!"

-Doug Aldrich

IS400 Users Include:

The Chicks

Slash

Phil Soussan

Dead Daisies

Dan Crary

Pearl Jam

Bob Weir

Alex Lifeson

Last In Line

k.d. lang

Ricky Phillips - Styx

Keb Mo

Carlos Santana

Johnny Hiland

Taylor Guitars

Ricky Martin Band

John Fogerty

The Killers

George Pajon - Black Eyed Peas

Jerry Horton - Papa Roach

Ziggy Marley

Howie Simon

Duncan Coutts - Our Lady Peace

Zach Fowler - Lo Cash

Joe Bonamassa

Oz Fox

Doug Aldrich

Microphones

Headset Microphones

HM172

The HM172 omni “earset” microphone mounts securely to the user’s ear with a comfortable, bendable silicone frame and provides excellent vocal quality in a nearly invisible package. The length is ideal for maximum gain before feedback while keeping the element away from the user’s breath stream for low noise. The HM172SP comes wired for use with any UHF Lectrosonics beltpack transmitter including LM Series, UM Series and SM Series. Sensitivity is moderate for use with speech or singing. Complete with windscreen and HF peak cap.



HM162

Lightweight headworn microphone with bi-directional, noise cancelling element for increased gain before feedback with public address systems such as the Long Ranger. Adjustable mic boom and neckband for comfortable fit over the ears and around the back of the neck. Includes foam windscreen for outdoor use. The HM162 is available with 2.5mm locking micro. Requires DC bias voltage at 4-5 volts on the transmitter input.



Lavalier Microphones

M119

M140

M152

Choosing the right miniature microphone depends mainly on the intended application and the specific transmitter used.






Lectrosonics provides a variety of solutions at reasonable costs. The M152 in particular is a high-performance omnidirectional capsule with a wide dynamic range and low noise. Connector choices cover every type of transmitter from Lectrosonics, past and present.



Accessories

Microphones

This chart represents the capsule connector combinations available.

		Connectors			
					
Lavalier and Headset Microphone Capsules		SM5P Locking 5-Pin Plug with Dust Boot	5P Locking 5-Pin Plug (Switchcraft TA5F)	MC Straight, Locking Micro	WP Waterproof Locking Micro Plug (two wire configuration)
	HM172	N/A	HM1725P	N/A	N/A
	HM162	N/A	N/A	HM162MC	N/A
	M119	N/A	M1195P	M119MC	N/A
	M140 Miniature Cardioid Capsule	N/A	N/A	M140MC	N/A
	M152 High-Performance	M152/SM5P	M152/5P (M152-7005P available for digital transmitters)	M152/MC	M152/WP

Microphones

Accessories



Part Number: 21357

Description: Locking Switchcraft Micro Plug, 1/8 in.



Part Number: 21359

Description: Plug Cord, Female, 5 Pin TA5F



Part Number: 35510

Description: Water-Tight Replacement Boot for SM5P Microphone Connectors



Part Number: 35690

Description: Strain Relief, Clip-on for HM142



Part Number: 35746

Description: Cushion for Headset Mic HM142V and HM152V



Part Number: 35939

Description: Replacement Blue Canvas Zipper Case for HM172 Earset Mic. MIC SOLD SEPARATELY



Part Number: C119

Description: Mic Clip, for M119/M140, Tie Bar Style



Part Number: C119RA

Description: Mic Clip, Right Angle for M119/M140, Tie Bar Style



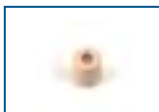
Part Number: C150

Description: Mic Clip for M150/152



Part Number: C172

Description: Mic Clip for HM172, Cable Mount



Part Number: FC172-BE

Description: Beige Colored Filter Cap for HM172 Earset Microphone



Part Number: MC16C

Description: Mic Cord, Coiled, 16 ft., 1/4 in. to 1/4 in. Male



Part Number: MC35

Description: Adapter Cable, 37 in., Line Level, XLR to TA5F



Part Number: MC40

Description: Adapter Cable, 37 in., Mic Level, XLR to TA5F. Wired for Dynamic Mic Input to Transmitters



Part Number: MC41

Description: Adapter Cable, 37 in., Mic Level, XLR to TA5F. Works with Early 5-pin Inputs and Servo bias inputs



Part Number: MC44

Description: Adapter Cable, 37 in., Male 1/4 Mono Plug to Male Locking Micro Plug



Part Number: MC47

Description: Adapter Cable, 37 in., RCA to TA5F



Part Number: MC60

Description: Adapter Cable, 37 in., Mic Level, XLR to TA5F, 5V Bias on XLR



Part Number: MC65

Description: Adapter Cable, 10 ft., 1/4 in. Male to Mini TRS



Part Number: MCA5X

Description: Adapter, TA5F to XLRM, for Lav Mics with Plug-On Transmitters



Part Number: MCABRLTA5MUWP

Description: Universal Barrel Adapter, 5-pin Mic to MM Style Transmitters Input and WP



Part Number: MCATA5MLEMO

Description: Adapter Cable, 6 in., TA5M to LEMO 3 for Standard Lav Mics Into SSM Transmitter



Part Number: MCATA5MUWP

Description: Universal Mic Cable Adapter, TA5F to WP



Part Number: MCA-TPOWER

Description: Mic Cable Adapter, T-Power from UH or HM Transmitter



Part Number: MCAXLRLINE-WP

Description: Cable Adapter, XLR to WP for MM400/b/c and WM Transmitters, Line Level



Part Number: MCAXLRMIC-WP

Description: Cable Adapter, XLR to WP for MM400/b/c and WM Transmitters, Mic Level

Accessories

Microphones



Part Number: MICBOX

Description: Replacement Mic Case for Lav Mics and Lav Mic Accessories



Part Number: RK119

Description: Windscreen for M119 Lav Mic



Part Number: RK142

Description: Windscreen for HM142V and HM152V Headset Mics



Part Number: RK150

Description: Windscreen for M150/M152 Lav Mic



Part Number: RK172-BE

Description: Windscreen for HM172 Ear-set Mic, Beige



Part Number: SMKITA5

Description: Connector Kit for SM-type Transmitters, 5-pin TA5F Plug with Sleeve



Part Number: WPMC-10

Description: Connector Kit, Watertight, for Mics used with MM and WM Transmitters, 10 Pcs.



Part Number: WPMC-3

Description: Connector Kit, Watertight, for Mics used with MM and WM Transmitters, 3 Pcs.

OCTOPACK

DSR/DSR4/SRc/SRb/SRa Receivers



octopack™

The OctoPack™ is an exceptionally small and lightweight multicoupler that is ideal for field production with studio quality performance.

With four receivers installed, the multicoupler can provide up to 16 audio channels depending on the receiver models and output modes.

Standard BNC inputs can be used with any type of antenna or coaxial cable. Antenna power can be switched on to provide DC on the coaxial cable for remote RF amplifiers.

Balanced audio outputs are provided on the side panel. Front panel audio outputs are also available with the 5P version of the receivers.

- Holds up to 4 Slot Receivers for up to 16 channels
- High performance RF distribution
- Power distribution
- Accommodates both standard and 5P versions
- Powered by external DC or rechargeable batteries
- Requires SRDB25, DSR4DB25, or SRDB25AES adapter plate per receiver, and may require a mounting collar.



The OctoPack can be powered by external DC or with rechargeable “L” or “M” type batteries. Power circuits are protected with auto resetting polyfuses to guard against damage that might be caused by shorts.

The rear panel of the assembly is recessed behind reinforced panels that extend from the top and bottom covers. Two DC power connectors are provided: a Hirose 4, and a coaxial locking (LZR) type.

SR9VBP

9V Battery Pack

For BATTSLLED, SRBATTSLLED and OCTOPACK



The SR9VBP is a machined aluminum battery pack that can be used in lieu of an “L” type battery on the SRBATTSLLED and OCTOPACK. The pack can be used with alkaline, lithium or rechargeable 9 volt batteries. Great for locations where electricity is unavailable for rechargeable battery packs.

Note: This cannot be used with a battery charger.

- Uses two 9V batteries
- Fits “L” style battery receptacles
- Great for emergency backup power



Power/Audio Interface

QUADPACK

- Accepts two SR Series receivers
- Balanced XLR audio outputs
- Balanced TA3M audio outputs
- Output jack panels can be swapped
- Locking coaxial DC power connector
- 4-pin Hirose DC power connector
- Powder coated aluminum housing
- Requires SRDB25, DSR4DB25, or SRDB25AES adapter plate per receiver, and may require a mounting collar.

Designed for portable field production, the Quadpack simplifies the mounting and interconnection of two SR Series compact receivers. Lightweight and rugged, it is perfectly at home in bag systems containing mixer, recorder and wireless transmitters used for audio feed to cameras. One set of audio outputs is used to feed the recorder and the other set to feed wireless transmitters.

Power is taken from an external DC source via one or both connectors. Circuitry is employed between the two jacks that takes power from the source with the higher



voltage. This can be used to provide a backup power supply where the DC is automatically taken from the opposite jack if power is interrupted at one of them.

Multi-Coupler

UMCWBD-L

The UMCWBD provides a mechanical rack mount with power and RF signal distribution for four diversity compact receivers in a single rack space. The wideband design allows the multi-coupler to be used with receivers in up to 9 different frequency blocks at once. This provides flexibility, however, the antennas used with this system must also cover the range of the installed receivers.

The UMCWBD frame with RF and DC power distribution can accept the following receivers using the appropriate mounting kits: UCR211, UCR411a, DCR822, SRB, SRC, DSR, and DSR4. Includes DC power supply.



UMCWBL - Blocks 470-26

Accessory

BAGFRAME

- BAGFRAME2-S (two receivers, short) 6" from front to back; width 8.375" (213mm); weight 7.07oz (200.5g)
- BAGFRAME2-M (two receivers, medium) 7-1/2" from front to back; width 8.375" (213mm); weight 7.78 ounces (220.5g)
- BAGFRAME3-M (three receivers, medium) 7-1/2" from front to back; width 11.875" (302mm); weight 9.89 ounces (280g)

The Bagframe portable receiver mounting system is designed to mount any Lectrosonics SR, DSR, UCR211/411, and DCR822, and to keep these receivers organized in a bag.

Two different BAGFRAME widths are available: one for 2 receivers, and one for 3 receivers; while three different heights are available: S (short), M (medium), and T (tall). These kits are shipped ready to be assembled by the



customers to keep assembly and shipping costs as low as possible. All Bagframe units are constructed of aluminum alloy, making them very sturdy and tough and yet very lightweight.

The BAGFRAME units use snap-in inserts for all receiver mounting. Some receivers also require screws and mid-frame mounts. Thus, there are specific parts or mounting kits required to mount the receivers.

“Lectrosonics performs so well dynamically that whatever else is going on in my day, my wireless is the least of my worries.”

– Jeffory Haddad, production sound mixer





M2Ra

Digital IEM/IFB receiver



SCAN TO
SEE VIDEO



- IEM or IFB receiver with digital RF
- Digital audio for flat frequency response and wide stereo imaging
- IR (infrared) port for fast setup
- High resolution, color LCD
- Stereo or mono operation
- Low latency of 1.6 ms with analog inputs

The M2Ra Digital IEM Receiver is a compact, rugged body-worn unit providing high-quality sound for performers or any professionals needing to monitor detailed audio wirelessly. The M2Ra employs advanced antenna diversity switching during digital packet headers for seamless audio. The receiver is available in both A1B1 and B1C1 bands, effectively covering the available UHF frequencies. Digital audio provides wide stereo imaging and low noise floor.

M2T

Digital IEM/IFB Transmitter



Dante™ is a trademark of Audinate Pty Ltd.

- IEM or IFB transmitter with digital RF
- 2 independent stereo audio transmissions per 1/2 RU enclosure
- USB port for firmware updates
- Fully Dante™ compatible (a non-Dante version is available)
- IR (infrared) port for fast setup
- Up to 50 mW per RF carrier
- Solid machined aluminum housing
- Compatible with Wireless Designer™ Software

The M2T half-rack transmitter houses two stereo transmitters, each with two audio channels, for a total of four audio channels in a half rack space. The audio inputs can be configured as analog or Dante compatible. An RJ45

jack provides an Ethernet connection for programming and control via Wireless Designer software and a front-mounted USB jack allows for firmware updates. The Chassis is all-metal and can be racked singly or in pairs.

M2C-L

Active Antenna Combiner



The M2C active antenna combiner is designed as an ideal matching component to Lectrosonics digital transmitters. Up to 8 transmitters can feed a single antenna to minimize cabling in multi-channel systems. The inputs are isolated to minimize crosstalk and IM (intermodulation) between RF channels.

The overall architecture of the design provides excellent performance with low power consumption and heat buildup. Front panel indicators display active status of RF inputs. A USB port on the front panel is provided for

- Combines up to 8 transmitter RF output signals to feed a single antenna
- Frequency range 470 – 691 MHz
- High overload components minimize intermodulation products
- Up to 100 mW input on each port
- Efficient architecture for low power consumption

Digital Stereo Transmitter

DCHT

- Tunes across entire UHF frequency range
- 256-bit encryption - AES 256-CTR
- Selectable RF power at 10, 25 and 50 mW
- AES and analog mic and line level inputs
- Compatible with all current Lectrosonics digital receivers
- DSP-controlled input limiter
- Optional powering from external DC
- Wide-range of input adapter cables available

The DCHT portable digital stereo transmitter is designed for use in film and TV production as both a wireless audio link from a bag or cart system to cameras and as a portable IFB transmitter paired with the Duet digital wireless M2Ra receiver packs. The DCHT accepts two channels of mic or line level analog signals or an AES digital signal from a mixer and transmits to the receiver or receivers in a purely digital format. The digital architecture of the new DCHT is a third-generation design with specially developed, high-efficiency circuitry for extended operating time on two AA batteries.

The DCHT can tune across the available UHF TV band in 100 kHz or 25 kHz steps, offering more than 6,000 frequencies.. The RF output can be set to 10, 25 or 50 mW,



DCHT
DIGITAL CAMERA HOP TRANSMITTER

duet
IEM SYSTEM

thus providing flexibility in terms of operating range for the intended application. The digital architecture allows for AES256-CTR encryption for applications where content security is a concern.

Digital Stereo Portable Receiver

DCHR

- Tunes across entire UHF frequency range
- 256-bit encryption - AES 256-CTR
- 2-way IR (infrared)port for fast setup
- High resolution, monochrome LCD
- Channel pairing for stereo or mono operation
- Very low latency
- Headphone jack for confidence monitoring
- Offers D2, HDM, Duet, and DCHX compatibility modes

The DCHR Digital Camera Hop Receiver is a compact, rugged unit providing studio-grade sound quality for location production in film and television. A digital transmitter is connected to the outputs of a mixer to transmit up to two audio channels to one or more DCHR or compatible receivers mounted on video cameras. The DCHR employs advanced antenna diversity switching during digital packet headers for seamless audio. The receiver includes an extended operating range rivaling the best analog and Digital Hybrid Wireless® systems with continuously tunable tracking filters.



duet
IEM SYSTEM
DCHR
DIGITAL CAMERA HOP RECEIVER

The dual-purpose (AES3 and analog), 5-pin output jack supplies two channels of balanced audio.

IFBR1B

Super Compact IFB Receiver



- Stores up to 10 frequency presets in memory
- LCD interface for programming and operation
- High sensitivity for extended operating range indoors or outdoors
- USB port for firmware updates
- Compact, rugged machined aluminum housing
- Attached battery door
- 8+ hours battery life with removable LB-50 Li-ion
- Dock chargeable with optional CHSIFBR1B

The IFBR1B belt-pack receiver provides simplicity and flexibility in a package that is intuitive for untrained users to operate. In spite of its tiny size, the receiver offers excellent performance on par with all of Lectrosonics' IFB products. Ten programmable frequency presets are available, and the design uses +/-20 kHz FM deviation for efficient use of the bandwidth, with compandor noise reduction circuitry for an excellent signal to noise ratio. A wire belt clip comes with the receiver, and there is an optional spring-loaded belt clip (IFBR1BBCSL) to provide a secure mounting on a wide variety of belts, pockets and fabrics.

The IFBR1B does not ship standard with the individual battery charger. To order this unit with a charger, use item ZS-IFBR1B-WITH-CHARGER

CHSIFBR1B

IFBR1B Dock Charging System



- Each module charges up to 4 LB-50 Lithium Ion batteries or IFBR1B receivers
- Connect up to 4 CHSIFBR1Bs using a single power supply (16 batteries/IFBR1Bs charging at once)
- Individual charging circuits and status indicators

This battery charging station provides a convenient and organized means of recharging LB-50 batteries and IFBR1B receivers in larger systems with numerous batteries in regular use. Each charging module may be daisy-chained to 3 additional modules using a single AC-DC power supply for a total of 16 units charging at once (LB50's and/or IFBR1Bs).

The unit is powered by external 5 VDC from the DCR5/9AU power supply (not included).

Frequency Agile Compact IFB

IFBT4 & IFBT4-VHF

- Digital Hybrid Wireless™ technology
- Up to 256 UHF frequencies in 100kHz steps
- Microprocessor controlled operation
- 250 mW power output for long range use (50 mW for export versions & IFBT4-VHF)
- Pilot tone squelch control
- Multi-use XLR input jack
- Built-in microphone preamp
- DIP switch programmable intercom input
- Tx mute for frequency scrolling
- Multi-function LCD display
- Compact size for use anywhere
- Rugged machined aluminum construction
- (VHF model) Offers 239 Frequencies between 174 and 215 MHz
- Protective leather pouch is included

The Lectrosonics IFBT4 & IFBT4-VHF transmitters were designed for use in broadcast, motion picture, theater, and stage applications where extended operating range and high-quality audio are essential. The transmitters can be used as a stand-alone devices or patched directly into popular intercom systems.



Wide frequency options provide exceptional flexibility in coordinating frequencies in multi-channel wireless systems and avoiding interference from external RF signal sources and noise. Microprocessor control provides user-friendly operation and eliminates transients at turn-on and turn-off. The transmitter output is muted in the TUNE mode to avoid generating interference in other wireless systems while scrolling up and down to change frequencies.

** The design is based upon the patented Lectrosonics Digital Hybrid Wireless® system. While at the time of the first release of the product, there is only a companion analog receiver, the Digital Hybrid Wireless system is included for compatibility with future products.*



PRESETS

Stores up to 10 frequency presets in memory

INTERFACE

LCD interface for programming and operation

RANGE

High sensitivity for extended operating range indoors or outdoors

CONNECTIVITY

USB port for firmware updates

DURABLE

Compact, rugged injection molded ABS housing

POWER

2 AA batteries; alkaline, lithium, or NiMH rechargeables (supplied)

Affordable IFB systems perfect for film and broadcast production, and high-quality assistive listening.

The IFBlue receiver provides simplicity and flexibility in a tough package that is intuitive for untrained users to operate. In spite of its small size, the receiver pack offers excellent performance and convenience. The dock charging feature and supplied rechargeable batteries make daily use a snap, while 10 programmable preset frequencies give you excellent flexibility on set or in the studio.

The IFBlue receiver pack is offered in five different frequency ranges to match existing T4 transmitters: VHF (174-216 MHz), A1 (470-537 MHz), B1 (537-614 MHz), C1 (614-692 MHz) and 941 (941-960 MHz). Transmitters available from Lectrosonics include the IFBT4, IFBT4-VHF, or any Digital Hybrid Wireless transmitter in IFB compatibility mode.



Production Motion Picture Production

IFB systems are used by directors, producers and crew to monitor the location sound mix during production. The IFBR1C provides a simple interface and ease of use for all day use by all production staff on set.



Broadcast Perfect for ENG

Wireless IFB (interruptible fold back) systems are used for talent cueing and crew communications in broadcast and motion picture production.



CHSIFBR1C
IFBlue Receiver battery charging station; up to four units can be charged at once. Includes DCR5/9AU power supply and AC cord appropriate for region.

www.ifblue.com


Part Number: 21586

Description: Locking DC Power Plug with 6 Ft. Pigtail, DC16A

Part Number: 21926

Description: USB Cable for Firmware Updates

Part Number: 26289

Description: Panel, Blank Filler, for RMP195/SDM4D/RDM4 Rack Mount

Part Number: 26895

Description: Wire Belt Clip

Part Number: 27080

Description: Dante Port Cover

Part Number: 35854

Description: Hex Key Wrench

Part Number: 40117

Description: USB-C or Micro-B Powered Dual Charger for 40106-1 LiOn Battery

Part Number: A170AC

Description: Right Angle, BNC Antenna, VHF

Part Number: A500RA

Description: Antenna, UHF, Right Angle BNC, Specify Block

Part Number: A500S

Description: Antenna, UHF, Flexible, Straight BNC 470-608 MHz

Part Number: A8U

Description: Antenna, UHF, Straight BNC, Specify Block

Part Number: ACOAXBNC

Description: Coax Cable Antenna, Right Angle BNC, 48 in., Specify Block

Part Number: ARG2

Description: Antenna Cable, Mini Coax, 2 ft. Belden 9258

Part Number: ARG2RT

Description: 24 in. Coaxial RF Cable with Right Angle BNC Male at both ends, commonly used in portable "Bag Systems" Belden 8216

Part Number: ARG15

Description: Cable, Mini Coax, 15 ft. Belden 9258

Part Number: ARG25

Description: Cable, Low-Loss Coax, BNC/ BNC, 25 ft. Belden 9913F

Part Number: BATTSLD

Description: General Purpose Battery Adapter. Optional spring loaded clip is available. BATTERY NOT INCLUDED

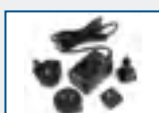
Part Number: BCSLEBN

Description: Spring loaded belt clip for LT Transmitter.

Part Number: BEZELKITR1A

Description: Kit, Belt Clip, Bezel, Frequency Door for IFBR1a

Part Number: CCMINI

Description: Zip Pouch for Compact Wire-less System

Part Number: DCR12/A5U

Description: Power Supply, 110-240 VAC In, 12VDC Regulated Out, 500mA. Includes international adapters.

Part Number: DCR15/4AU

Description: Power Supply. 4ADC 100-240V in, 15VDC Regulated Output

Part Number: DCR5/9AU

Description: Power Supply for up to 4 CHSIFBR1B Chargers

Part Number: IFBR1BBCSL

Description: Beltclip for IFBR1B receiver.

Part Number: FMAKM2T

Description: M2T Antenna Kit

Part Number: LRSHOE

Description: Accessory Camera Shoe Mount Adapter for DCHT



Part Number: LTbATELIM
Description: Battery Eliminator for LT, DBu and DCHT Transmitters



Part Number: RPS4
Description: 12V DC Power Supply for up to 4 devices



Part Number: MC55
Description: Adapter Cable, 15 in., Unbalanced Line-Level Mini Right-Angle Plug to Balanced Mic Level (45dB Attenuation) Includes Capacitors to Block DC



Part Number: SNA600a
Description: Versatile Antenna, 100 MHz Bandwidth tunable from 550 to 800 MHz



Part Number: MCTA6AESXLRF
Description: AES3 Digital Signal From XLR-F Output, 18 in.



Part Number: MCTA6PT
Description: TA6FLX 6-pin Female to two stripped and tinned wires, wired for microphone level signals, 18 in.



Part Number: MCTA6TA3F2
Description: Line level signals from two TA3-M outputs, 18 in.



Part Number: MCTA6TA5M2
Description: Microphone and line level signals from microphones and other devices configured with TA5F connectors for wireless transmitters, 6 in.



Part Number: MCTA6XLRF2
Description: Line level signals from two XLR-M outputs, 18 in.



Part Number: PR1A
Description: Pouch for IFBR1/a Receiver, Swiveling Belt Clip



Part Number: PR1B
Description: Black pouch for IFBR1b receiver.



Part Number: PS200A
Description: Power Cable, 12 in., Hirose4 to LZR



Part Number: PSLZRDUAL
Description: LZR Style Plug to LZR Style Plug. 6 ft. DC Power Cable

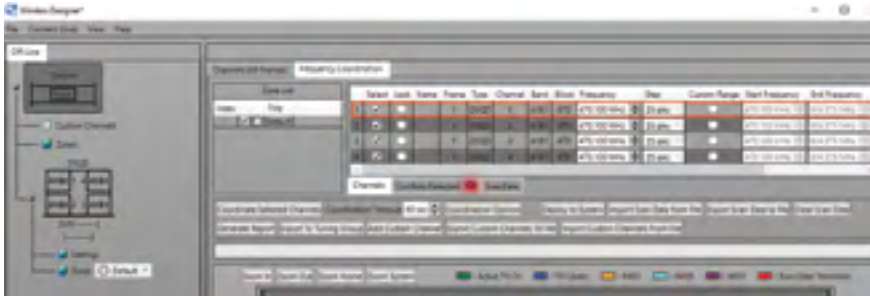


Part Number: RMP195
Description: 4 Channel rack mount for base station transmitters



Part Number: RMPM2T-1
Description: Kit for installing one M2T into a single rack space

Wireless Designer™ Software



SCAN TO
SEE VIDEO



Wireless Designer™ is a software package downloadable from the Lectrosonics web site and designed to enhance setup and monitoring of wireless microphone systems. A summary of each channel is displayed with real-time indications for essential levels and settings on each installed module. With multiple receivers, the main display window can be scaled and zoomed for the desired viewing. A spectrum scanner and coordination package are included for ultra-fast and confident setup. The

receiver can be tuned across the available bands (via the modules) and presented in a graphic display. The data from the scan can then be incorporated into the frequency calculations for an accurate, real-world channel coordination.

Three different user-selectable viewing modes are included for daylight, indoor and dark conditions.

All that is required is a PC or Mac and a connection via USB or Ethernet.

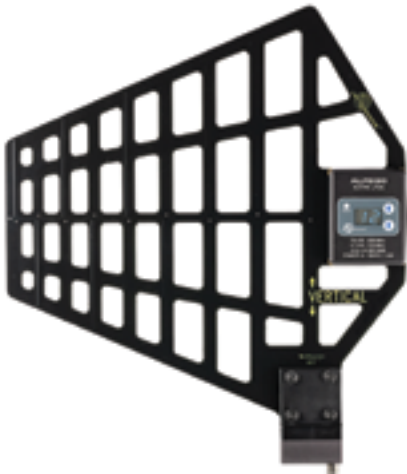
ALP Series

Remote Antennas

LPDA Antennas

The ALP Series antennas are a Log Periodic Dipole Array (LPDA) design that provides a useful directional pattern over a broad frequency bandwidth (450 - 862 MHz), allowing coverage of the entire UHF band used for Lectrosonics UHF wireless microphone and IFB systems. These antennas provide 4dB of passive gain in the forward direction.

ALP690



- Broad bandwidth for multi-channel systems
- Directional pattern with 4 dBd RF gain
- Built-in RF amplifier with +27 dBm IP3 for high performance in tough RF environments
- Adjustable active gain from +12 to -6 dB in 1dB steps
- Automatically switches to passive mode when no DC power is present on the coaxial cable
- User-selectable active filtering when powered
- Skeletal structure reduces wind loading
- Versatile mounting options with the supplied mount and optional mounting adapter kit

The ALP690 is a high-performance LPDA (log periodic dipole array) antenna with a built-in RF amplifier for use with wireless microphone receivers on location or studio production. The design delivers +4 dBd of passive gain in a directional pattern to extend operating range, and the amplifier applies gain or attenuation in 1 dB steps from +12 to -6dB for maximum flexibility. A selectable filter increas-

es RF signal-to-noise in the desired band. The antenna is formed with copper traces on a .133" thick glass epoxy laminate material with a durable finish. The skeletal structure reduces wind loading in outdoor use. The antenna is powered by DC bias inserted on the coaxial cable connected to the 50 ohm BNC jack. ALP690 is not available in Europe.

ALP500



Economical Design With Uncovered Connector

- Passive antenna
- Versatile mounting block

ALP650



Amplified Design For Use With Long Coaxial Cable Runs

ALP620



Skeletonized Design For Low Wind Resistance When Used In Mobile Locations

- Passive antenna
- Versatile mounting block

Passband:

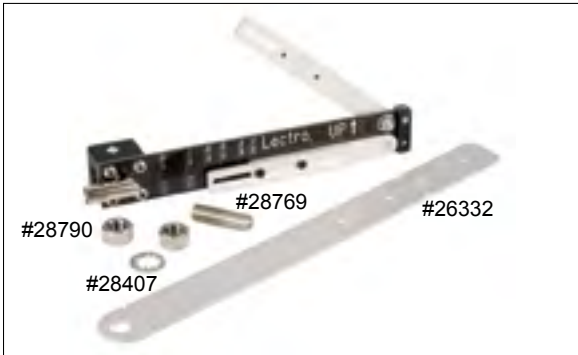
ALP650L/E (RoHS compliant)	470.000 - 700.000 MHz	Blocks 470 - 26
ALP650M/E (RoHS compliant)	537.000 - 770.000 MHz	Blocks 21 - 29
ALP650H/E (RoHS compliant)	640.000 - 870.000 MHz	Blocks 25 - 33

Folding Antenna Kit

SNA600a



Collapsible dipole antenna kit with 100 MHz bandwidth and D.C. blocking cap, center frequency adjustable from 500 MHz to 850 MHz @-3db. Ideal for situations where a full 360 degree receiving pattern is required (as opposed to a directional pattern). Includes mounting kit.



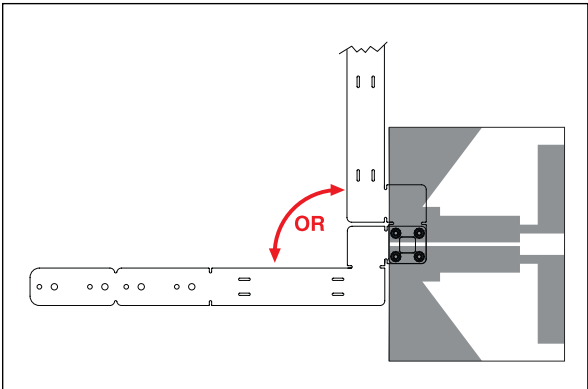
The SNA600a comes complete with mounting hardware. (Parts and part numbers shown above)

Printed Circuit Antenna

PCA900



A unique and very useful design, the PCA900 antenna provides wide bandwidth (825 MHz - 1025 MHz) and a semi-directional pattern in a compact, rugged package. A BNC connector allows direct connection to receivers and multicouplers with standard 50 ohm coaxial cable. An aluminum mounting strap for fixed installation is included and a variety of other mounting options are also available for mobile applications. **The PCA900 is ideal for the 941 MHz band.**



In-Line RF Amplifiers

Remote Antennas

UFM230/UFM230L-In-Line RF Amplifier

The UFM230 provides a unique solution for antenna systems requiring long cable runs or distribution to multiple receivers or locations. The amplifier in the unit provides 12 dB of gain without attenuation. Gains of 5 dB and 8 dB can also be selected using the supplied attenuators. The built-in filters provide a 230 MHz passband to cover all standard Lectrosonics frequency blocks.

**Power supply not included*



UFM50 - In-Line RF Amplifier

The UFM50 performs the same function as the UFM230 but with a 50 MHz passband to cover two standard Lectrosonics frequency blocks. User must specify which two-block frequency range when ordering. (Available by special order only.)

**Power supply not included*



UFM144

The UFM144 performs the same function as the UFM230 but with a 144 MHz passband, from 470 to 614 MHz. Powered from external DC source or DC bias from Lectrosonics multicouplers and Venue Series receivers.

**Power supply not included*



UFM19-941

The UFM19-941 performs the same function as the UFM230 but with a 19 MHz passband, from 941 to 960 MHz. Powered from external DC source or DC bias from Lectrosonics multicouplers and Venue Series receivers.

**Power supply not included*



PF25 Passive In-Line Filter

Passive in-line RF filter with 25 MHz passband. Designed for use with wide-band receiver systems in cases where the full bandwidth of the receiver is not needed. Enhances performance in the desired band. Specify block when ordering.



Remote Antennas

Accessories



Part Number: 21769

Description: Female BNC to Female BNC Coupler



Part Number: 21770

Description: Male SMA to Female BNC Adapter



Part Number: 21793

Description: Male SMA to Female SMA Right Angle Adapter



Part Number: 28769

Description: Antenna Mounting Stud, 3/8 in. - 16 Thread



Part Number: 26311

Description: Thread Adapter, 1/2 in. Dia. 6 in. long, 3/8-16 Thread



Part Number: 26312

Description: Thread Adapter, 1/2 in. Dia. 1 3/4 in. Long, 3/8-16 and 1/4-20 Threads



Part Number: 26313

Description: Mic Stand Adapter, 1 1/2 in. Long, 5/8-27 and 3/8-16 Threads



Part Number: ACOAXBNC

Description: Coax Cable Antenna, Right Angle BNC, 48 in., Specify Block



Part Number: ALPKIT

Description: Accessory Mounting Kit for ALP/SNA



Part Number: ARG2

Description: Antenna Cable, Mini Coax, 2 ft.



Part Number: ARG2RT

Description: 24 in. Coaxial RF Cable with Right Angle BNC Male at both ends, commonly used in portable "Bag Systems"



Part Number: ARG15

Description: Cable, Mini Coax, 15 ft. Belden 9258



Part Number: ARG25

Description: Cable, Low-Loss Coax, BNC/BNC, 25 ft. Belden 9913F



Part Number: ARX125

Description: Cable, Belden 9258, BNC/BNC, 125 ft. Requires RF Amplifier like UFM230 or Amplified Antenna



Part Number: DCR12/A5U

Description: Power Supply, 4ADC 100-240V in, 15VDC Regulated Output



Part Number: BIAST

Description: DC Power Supply, Inline, for UFM50, UFM230



Part Number: PALP600

Description: Pouch for ALP Antennas, Zippered Cordura



Part Number: ZSC24

Description: Passive Splitter, 2-way



Part Number: ZFSC41

Description: Passive Splitter, 4-way



Part Number: ZFSC843

Description: Passive Splitter, 8-way

MTCR

Miniature Time Code Recorder



- Professional quality digital audio recordings in Broadcast Wave Format (.wav)
- Ultra compact size for easy concealment
- Records to microSDHC memory card - Class 10
- Wide-range input gain adjustment for mic to line level signals
- Time code jam/sync from external source
- Standard Lectrosonics TA5M servo bias input
- Solid machined aluminum construction
- Over six hours of operation on a single AAA lithium battery
- Responds to remote command via 3rd party PDRRemote app

The MTCR is designed for HD quality professional use. For situations in which the distance is extreme or where using a wireless microphone is not practical, the MTCR recorder can travel with your subject and capture professional quality audio, synchronized with timecode. The tiny size and rounded shape make the MTCR unobtrusive and easy to place in garments and costumes, and easy to conceal when used as a “plant” microphone to capture environmental or location sound.

The MTCR records in 24 bit, 48 kHz digital onto a microSDHC memory card in the industry-standard .wav (Broadcast Wave File) format. The MTCR can be jammed to external time code via the standard 5-pin LEMO connector. A headphone output jack allows for listening to previously recorded files.

The input connector is the industry standard TA5M jack that accepts any mic signal and provides bias voltage to power a wide variety of electret lavalier microphones. The input connection and wiring is compatible with microphones pre-wired for use with Lectrosonics professional wireless microphone transmitters with servo bias type inputs.

Setup and adjustment is made through an intuitive interface provided by the keypad and LCD. In keeping with typical Lectrosonics mechanical designs, the housing is machined from aluminum then hard anodized for the ruggedness needed in field production. The MTCR runs for over 6 hours on a single lithium AAA battery.



*microSDHC Logo is a trademark of SD-3C, LLC

Stereo Portable Digital Recorder

SPDR

- Compact size for easy bag, plant mic and personal use
- Records to a microSDHC memory card
- Wide-range input gain adjustment for mic to line level signals
- AES input for digital signal chains
- Time code jam/sync from external source
- Standard Lectrosonics TA5M input jacks
- Lectrosonics "servo bias" input preamp for lav mics
- Over 20 hours of operation on dual AA lithium batteries
- Temperature compensating clock accurate to less than 1ppm (Celsius: -20 to 50, Fahrenheit: -4 to 122)
- 24 Bit, 48 or 96 kHz recording

The SPDR is Lectrosonics' response to customer demand for a small, lightweight dual channel recorder for use on virtual reality sound captures or as a backup recorder for bag systems in the field. The SPDR will let you capture the full stereo audio of an extreme sport participant, in-car scenes or in situations where a wireless system cannot be used.

When used in conjunction with a small mixer and the SRC receiver, the SPDR makes for a lightweight, high performance interview setup - all fitting into a small fanny pack. A high-quality headphone output is provided for playback and monitoring.

The industry standard 5 Pin LEMO time code input allows a simple momentary jam. The high accuracy oscillator allows free running precision better than 1 ppm for those long recording days.

The SPDR keypad has a tactile feedback riser on the record button for easy eyes-off recording startup. Dweedle tone commands allow easy start and stop using the 3rd party PDRRemote app.

The SPDR has an external power input with internal battery switchover, allowing all day recording from your bag battery with immediate fall back to the internal batteries should there be an external power loss. A 32GB memory card allows almost 30 hours of recording time at the 48kHz sample rate.




SPDR

DIGITAL RECORDER



*microSDHC Logo is a trademark of SD-3C, LLC

Accessories

Recorders



Part Number: 26526
Description: Replacement Wire Belt Clip for SPDR



Part Number: MC41
Description: Adapter Cable, 37 in., Mic Level, XLRF to TA5F, Works with Early 5-pin Inputs and Servo Bias Inputs



Part Number: 21425
Description: 6 ft. DC Power Cord, CoAxial to Stripped and Tinned Leads



Part Number: MCAES3
Description: Cable Adapter, TA5F to 3-pin FXLR for AES Digital Input to SPDR, 18 in.



Part Number: 21472
Description: Right Angle Power Cord, Coaxial Plug, Stripped/Tinned Leads, 6 ft. Long



Part Number: P1337
Description: Replacement microSDHC memory card Slot Dust Cover for PDR



Part Number: 40111
Description: Battery Lithium (AAA) 1.5V



Part Number: P1354
Description: Replacement Moisture Plug for MTCR. 1/8 in. and LEMO 5 Jacks



Part Number: 55010
Description: Flash Memory Card, microSDHC memory card to SD Adapter Included



Part Number: PDRWBC
Description: Replacement Snap-On Belt-Clip for PDR



Part Number: CH12
Description: External Power Source, 120VAC, 120v-60Hz 14W Input, 12 VDC (Regulated), 300 mA Max. Output



Part Number: PS12A
Description: Power Cable, 12 in., Hirose4 to DC Coax



Part Number: DCR12/A4U
Description: Power Supply, 90-240 VAC, 50/60 Hz Input, 12 VDC (Regulated), 400 mA Max. Output



Part Number: PS212A
Description: Power Cable, 12 in., Hirose4 to Dual DC Coax



Part Number: MC35
Description: Adapter Cable, 37 in., Line Level, XLRF to TA5F

PDRRemote



Control your Lectrosonics recorder with your phone.

- Audio Gain
- Record Start/Stop
- Lock Mode



**PDRRemote is a 3rd party product and not made by Lectrosonics, Inc.*



"I rely upon Lectrosonics because I feel they simply make the best wireless. And I've been doing this for 40 years."

- Tom Akoury, Plus 4 Marketing





BOB 88 is a high-quality, general purpose interface to transmit and receive line-level analog audio signals via Dante network. Analog inputs are converted to digital and appear on the network as transmit channels. Audio for the analog outputs is taken from subscriptions to transmit channels on the network from other sources. When connected to a network, each break out box will appear as a separate device in the Dante Controller software interface.

- 8 balanced line level analog inputs
- 8 balanced line level analog outputs
- Dante™ primary and secondary ports
- 8 Dante™ network outputs
- 8 Dante™ network inputs
- Uses standard Ethernet hardware
- Gigabit compatible
- AVB ready
- Rack mountable with optional DNTBOB88RM panel

Audinate**Dante™**

Dante™ is a trademark of Audinate Pty Ltd.

16 Input Network Processor

DNT16i

- 32 inputs from Dante™ receive channels
- 16 analog mic/line inputs
- 16 outputs to Dante™ transmit channels
- Supports both switched and redundant modes in Dante™ operation
- Post-mixing signal processing on all inputs (analog and digital)
- 48 independent automatic mixers with 38 inputs per mixer and channel activity detectors
- Gain smoothing to prevent transient noise during instantaneous level changes
- Extensive macro command language

The DNT16i processor provides inputs into a Dante network from analog and digital signals. Each input provides extensive signal processing and routing to any one or all 48 automatic mixers operating at the cross points of an internal digital matrix in the processor. The outputs of the matrix can be assigned to a Dante transmit channel and/or routed back to an input to be further mixed with another input or matrix mix.

The DNT16i is at home in sound reinforcement and conference systems, room combining, courtrooms, council chambers, house of worship systems and numerous other multi-channel sound systems. High-quality microphone preamps and A-D converters provide studio-quality audio for court recording and telepresence systems. A comprehensive set of filters and dynamic processing is present on every input channel. Smooth gain transition is enabled on every input and output channel and every cross point to prevent audible artifacts caused by abrupt level changes.

Audinate

Dante™

Dante™ is a trademark of Audinate Pty Ltd.



12 Output/2 Input Network Processor

DNT0212

- 32 inputs from Dante™ receive channels
- 2 analog line level inputs
- 8 line level analog outputs
- 4 mic/line level analog outputs
- Supports both switched and redundant modes in Dante™ operation
- Post-mixing signal processing on all inputs (analog and digital)
- 48 independent automatic mixers with 38 inputs per mixer and channel activity detectors
- Gain smoothing to prevent transient noise during instantaneous level changes
- Extensive macro command language

The DNT0212 processor subscribes to channels on a Dante network and delivers them to an internal digital matrix for automatic mixing and processing and to Dante network transmit channels. In addition, two analog line-level inputs are provided for use with local audio sources such as voice evacuation announcements.

The outputs of the matrix can be assigned to a Dante transmit channel, an analog output and/or routed back to an input to be further mixed and processed with another input channel or matrix mix.

The DNT0212 is at home in sound reinforcement and conference systems, room combining, courtrooms, council chambers, house of worship systems and numerous other multi-channel sound systems. High-quality microphone preamps and A-D converters provide studio-quality audio for court recording and telepresence systems.

Audinate

Dante™

Dante™ is a trademark of Audinate Pty Ltd.



DNT Series

Accessories



Part Number: 21499

Description: Power Cable 60320 C13 to Edison



Part Number: RCWPB8

Description: Pushbutton Remote Control, Single Decora Standard (Decora Cover Plate Not Included)



Part Number: 21552

Description: Cable, 15 ft, Wall to Phone



Part Number: RCWPB8DESK

Description: Versatile Remote Control for ASPEN and DM Series Processors Through the Logic I/O Ports



Part Number: 21558

Description: Plug, Female D-25 Pin



Part Number: RCWTH4

Description: Remote Control for SPN Conference, Desktop Style



Part Number: 21580

Description: Plug, 5 Position, Depluggable



Part Number: 21642

Description: Euro Power Cord CEE 7/7 (Schuko) Plug



Part Number: 21643

Description: UK Power Cord BS 1363 Plug



Part Number: 21644

Description: Australian Power Cord S3112 Plug



Part Number: 21838

Description: 12 in. Cat-6 Cable for Connecting ASPEN Units



Part Number: 24719

Description: Cable Wrap, Velcro®, Blue, w/Lectro Logo



Part Number: 35679

Description: Lectrosonics Screwdriver



Part Number: DB2CAT5SPN

Description: Adapter for Pre-wired Connections Between Processor Logic Ports and the RCWPB8 Remote Control



Part Number: DNTBOB88RM

Description: Rack Mount Kit for DNTBOB88



Part Number: RCWPB4

Description: Remote Control for Audio Processors, Four Buttons, LEDs, Cover Plate Included

FLY LIGHT. SOUND BETTER.



 Dante

Above system shown with 8 channels of digital wireless receivers, 4 Stereo channels of digital IEM transmitters, an 8 channel power antenna combiner, and a 4-port redundant DC supply.


LECTROSONICS®
Made in the USA by a Bunch of Fanatics®

DM1624F

16X24 Digital Audio Matrix Mixer

The DM1624F is a 16 in., 24-out digital matrix mixer/processor ideal for large-scale automated sound reinforcement systems. Every input can be routed to any or all outputs. The proprietary automatic microphone mixing using Adaptive Proportional Gain™ algorithm allows for greatly increased intelligibility and gain before feedback in sound reinforcement systems such as in churches, boardrooms and teleconferencing, without glitches. Each input can incorporate up to 6 filter stages plus compressor, feedback elimination and delay. Each output provides optional delay, up to 9 filters and compression/limiting.

- 16 mic/line inputs, 24 line outputs (8 outputs are mic/line switchable)
- Proportional gain auto mixing algorithm with AutoSkew™ - US Patent 5,414,776 and 5,402,500
- No “horsepower” limitations - all functions available all the time, regardless of expansion
- 128 macros available for storing up to 64 commands per macro
- USB, RS-232 interfaces for setup and control
- Digital I/O ports for “daisy chaining” and to connect other LecNet2 devices
- AMX® and CRESTRON® compatible
- Simultaneous LecNet2 and Third-Party control



DM1612F

16X12 Digital Audio Matrix Mixer

Perfect for medium-sized installations, the DM1612F features a 16 in., 12-out digital matrix mixer allowing every input to be routed to any or all outputs. The proportional gain automatic mixing algorithm allows for greatly increased intelligibility and gain before feedback in sound reinforcement applications such as in churches, boardrooms and teleconferencing. Each input can incorporate up to 6 filter stages plus compressor, ADFE and delay. Each output provides delay, up to 9 filters and compression/limiting.

- 16 mic/line inputs, 12 line outputs (4 outputs are mic/line switchable)
- Proportional gain auto mixing algorithm with AutoSkew™ - US Patent 5,414,776 and 5,402,500
- Auto mixing operates at the output of the matrix - each input channel can participate differently in each output mix
- 128 macros available for storing up to 64 commands per macro
- USB and RS-232 interfaces for setup and control
- Digital I/O ports for “daisy chaining” and to connect other LecNet 2 devices
- AMX® and CRESTRON® compatible
- Simultaneous LecNet2 and Third-Party control



8X12 Digital Audio Matrix Mixer

DM812

- 8 mic/line inputs, 12 line outputs (4 outputs are mic/line switchable)
- Proportional gain auto mixing algorithm with AutoSkew™ - US Patent 5,414,776 and 5,402,500
- Auto mixing operates at the output of the matrix - each input channel can participate differently in each output mix
- 128 macros available for storing up to 64 commands per macro
- USB and RS-232 interfaces for setup and control
- Digital I/O ports for “daisy chaining” and to connect other LecNet 2 devices
- AMX® and CRESTRON® compatible
- Simultaneous LecNet2 and Third-Party control

Ideal for small to medium-sized installations with up to eight sources including microphones. The DM812 features an 8 in., 12-out digital matrix mixer allowing every input to be routed to any or all outputs. Automatic microphone mixing using a proportional gain algorithm allows for greatly increased intelligibility and gain before feedback in sound reinforcement systems. Each input can incorporate up to 6 filter stages plus compressor, ADFE and delay. Each output provides delay, up to 9 filters and compression/limiting.



8X4 Digital Audio Matrix Mixer

DM84

- 8 in./4-out digital matrix architecture
- Stackable with enlarged matrix up to 800 x 14
- USB and RS-232 interfaces for setup and control
- Fully balanced audio signal flow through entire system
- Proportional gain auto mixing algorithm with AutoSkew™ - US Patent 5,414,776
- AMX® and CRESTRON® compatible
- Simultaneous LecNet2 and Third-Party control

Perfect for smaller applications where a few microphones or audio sources are needed. The DM84 features an 8 in., 4-out digital matrix mixer allowing every input to be routed to any or all outputs. Seamless automatic microphone mixing allows for greatly increased intelligibility and gain before feedback in sound reinforcement systems such as in churches, boardrooms and teleconferencing. Programmable front-panel knobs allow for intuitive adjustment while in operation.



DMTH4

Digital Telephone Hybrid Processor

The DMTH4 is a 3 in., 24-out digital matrix mixer that integrates telephone lines, video codecs and external audio sources into the digital bus structure of DM Series processors so these sources operate as additional microphone or audio inputs in the sound system.

Centralized acoustic echo cancellation converges quickly and reduces near-side latency to 2ms. Two echo cancellers are provided, one for the CODEC and one for the TEL connection.

- 3 in./24-out digital matrix architecture
- Fully integrates with DM Series processors
- Telephone, codec and auxiliary inputs and outputs
- Two Acoustic Echo Cancellers - 126 ms tail time
- Line echo canceller - 30 ms tail time
- USB and RS-232 interfaces for setup and control
- Digital I/O ports for "daisy chaining" and to connect other LecNet 2 devices
- Proportional gain auto mixing algorithm with AutoSkew™ - US Patent 5,414,776
- Simultaneous LecNet2 and Third-Party control



DMPA12

12 Channel Digital Audio Amplifier

The DMPA12 is a digital 12-channel power amplifier and DSP processor in a 1RU, 19 in. rack enclosure. Audio inputs are taken from the final master mix signals on the digital bus. These final mix signals can then be processed individually at each output channel to apply delay, filters, compression and limiting.

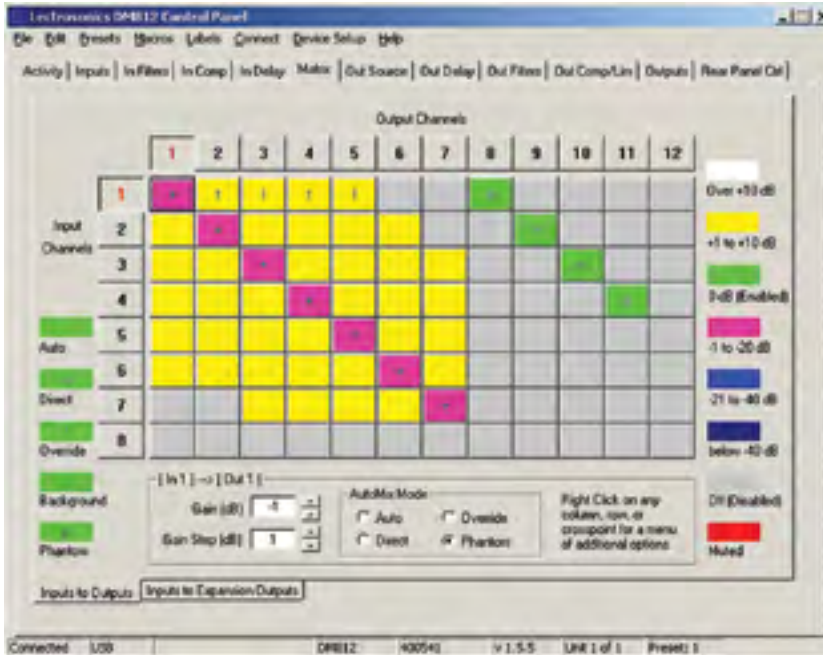
- 12-channel class-D power amp with bridge tied load (BTL)
- 10 Watts RMS per channel; adjacent channels can be tied together for doubled output power
- Every output channel includes a DSP delay, nine filters, compressor and limiter
- Passively cooled for quiet operation
- Inputs are taken from the Lecnet2 DANI™ bus forward or backward propagated final mix signals - no analog inputs are provided
- Front panel level controls and LED signal status indicators
- Only compatible with LecNet2 DM components



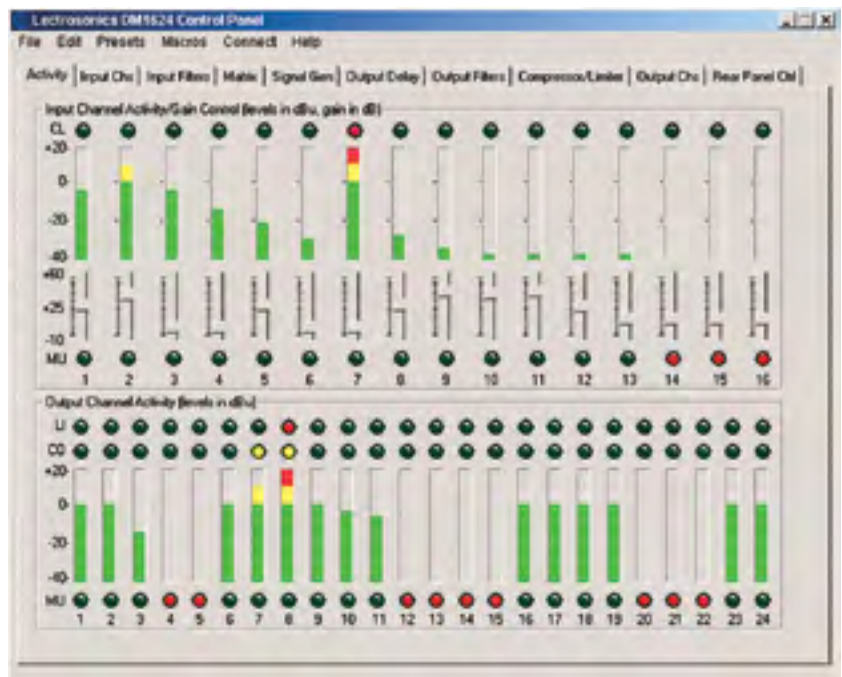
BX12 Digital Audio Matrix

LecNet™ Software

LecNet™ software is a user-friendly powerful software package designed for easy setup and control of Lectrosonics' DM Series Digital Audio Matrix Mixers. LecNet2™ is used primarily for system setup, with the configuration saved both in a file and into the unit's memory for actual operation. Once configured, the units run without a host computer. LecNet2™ runs under Windows XP 32-bit, Vista 32-bit, Windows 7 32-bit and 64-bit systems and Windows 10.



DM Matrix Settings



DM Channel Activity

Accessories

DM Series



Part Number: 21499

Description: Power Cable 60320 C13 to Edison



Part Number: 21552

Description: Cable, 15 ft., Wall to Phone



Part Number: 21558

Description: Plug, Female D-25 Pin



Part Number: 21580

Description: Plug, 5 Position, Depluggable



Part Number: 21642

Description: Euro Power Cord CEE 7/7 (Schuko) Plug



Part Number: 21643

Description: UK Power Cord BS 1363 Plug



Part Number: 21644

Description: Australian Power Cord S3112 Plug



Part Number: 21710-1

Description: AMX/Crestron Cable



Part Number: 21713

Description: Cable, Standard USB A2B



Part Number: 21716

Description: Cable, CAT5 RJ 45, 12 in.



Part Number: 24719

Description: Cable Wrap, Velcro®, Blue, w/ Lectro Logo



Part Number: 35679

Description: Lectrosonics Screwdriver



Part Number: DB2CAT5

Description: Adapter for Pre-Wired Connections Between Processor Logic Ports and RCWPB8 Remote Control



Part Number: RCWPB4

Description: Remote Control for Audio Processors, Four Buttons, LEDs, Cover Plate Included



Part Number: RCWPB8

Description: Pushbutton Remote Control, Single Decora Standard (Decora Cover Plate Not Included)



Part Number: RCWPB8DESK

Description: Versatile Remote Control for ASPEN and DM Series Processors Through the Logic I/O Ports



Part Number: RCWTH4

Description: Remote Control for SPN Conference, Desktop Style

TRUE STEREO IEM

For Your Next Stage

duet
IEM SYSTEM



Dante™ digital and analog line-level inputs
Phenomenal Stereo Imaging
2 stereo transmissions in 1/2 rack unit
470 - 608 MHz tuning range
US Made Lectrosonics quality

You haven't heard an IEM with True Stereo imaging until you've heard Duet.



"If Lectrosonics didn't do what they do, I
couldn't do what I do."

- Daniel Fontaine-Bégin



Octopack Frequency Ranges Available

References

Frequency Block	Frequency Range:	NTSC TV Channels	PAL D TV Channels	Color:	Octopack L	Octopack M	Octopack H
470	470.1 - 495.6	14-18	21-24	Black			
19	486.4 - 511.9	16-20	23-26	Black			
20	512.0 - 537.5	21-25	26-29	Black			
21	537.6 - 563.1	25-29	29-32	Brown			
22	563.2 - 588.7	29-33	32-35	Red			
23	588.8 - 614.3	33-36	35-39	Orange			
606	606.5 - 631.5	37	38	Black			
24	614.4 - 639.9	38-42	39-42	Yellow			
25	640.0 - 665.5	42-46	42-45	Green			
26	665.6 - 691.1	46-50	45-48	Blue			
27	691.2 - 716.7	50-54	48-51	Violet			
28	716.8 - 742.3	55-59	51-55	Gray			
29	742.4 - 767.9	59-63	55-58	White			
30	768.0 - 793.5	N/A	58-61	Black			
779	779.12 - 809.75	N/A	61-63	Black			
31	793.6 - 819.1	N/A	63-64	Black			
32	819.2 - 844.7	N/A	64-67	Black			
33	844.8 - 861.9	N/A	67-69	Black			
806	806.1 - 809.75	N/A	N/A	Black			
ISM	902 - 928	N/A	N/A	None			
944	944.1 - 951.9	N/A	N/A	Black			

Rack Receiver Frequency Ranges Available

Frequency Block	Frequency Range:	NTSC TV Channels	PAL D TV Channels	Color:	VRT2	R400a	DRM	DSQD	VRM2 WBL	VRM2 WBM
470	470.1 - 495.6	14-18	21-24	Black					A1	
19	486.4 - 511.9	16-20	23-26	Black						
20	512.0 - 537.5	21-25	26-29	Black						
21	537.6 - 563.1	25-29	29-32	Brown	B2				B1	B1
22	563.2 - 588.7	29-33	32-35	Red						
23	588.8 - 614.3	33-36	35-39	Orange						
606	606.5 - 631.5	37	38	Black						
24	614.4 - 639.9	38-42	39-42	Yellow					C1	C1
25	640.0 - 665.5	42-46	42-45	Green						
26	665.6 - 691.1	46-50	45-48	Blue						
27	691.2 - 716.7	50-54	48-51	Violet						
28	716.8 - 742.3	55-59	51-55	Gray						D1
29	742.4 - 767.9	59-63	55-58	White						
30	768.0 - 793.5	N/A	58-61	Black						
779	779.12 - 809.75	N/A	61-63	Black						
31	793.6 - 819.1	N/A	63-64	Black						
32	819.2 - 844.7	N/A	64-67	Black						
33	844.8 - 861.9	N/A	67-69	Black						
806	806.1 - 809.75	N/A	N/A	Black						
ISM	902 - 928	N/A	N/A	None						
941	944.1 - 951.9	N/A	N/A	Black						

Licensing of wireless microphone equipment is the user's responsibility, and licensability depends on the user's classification and application, and on the selected frequency. The user is strongly urged to contact the appropriate telecommunications authority concerning proper licensing, and before choosing and ordering frequencies.

References

Hybrid Transmitter Freq Ranges Available

Frequency Block	Frequency Range:	NTSC TV Channels	PAL D TV Channels	Color:	SMV/ SMQV	SMB/ SMDb	WM	IFBT4	HMa	HHa	SSM	LT	LMb	SMWB/ SMDWB
VHF	174.1 - 215.7	7-13	6-13	N/A				VHF						
470	470.1 - 495.6	14-18	21-24	Black					A1	A1	A1	A1	A1	A1
19	486.4 - 511.9	16-20	23-26	Black										
20	512.0 - 537.5	21-25	26-29	Black										
21	537.6 - 563.1	25-29	29-32	Brown					B1	B1	B1	B1	B1	B1
22	563.2 - 588.7	29-33	32-35	Red										
23	588.8 - 614.3	33-36	35-39	Orange										
606	606.5 - 631.5	37	38	Black							B2			
24	614.4 - 639.9	38-42	39-42	Yellow					C1	C1	C1	C1	C1	C1
25	640.0 - 665.5	42-46	42-45	Green										
26	665.6 - 691.1	46-50	45-48	Blue										
27	691.2 - 716.7	50-54	48-51	Violet										
28	716.8 - 742.3	55-59	51-55	Gray										
29	742.4 - 767.9	59-63	55-58	White										
30	768.0 - 793.5	N/A	58-61	Black										
779	779.12 - 809.75	N/A	61-63	Black										
31	793.6 - 819.1	N/A	63-64	Black										
32	819.2 - 844.7	N/A	64-67	Black										
33	844.8 - 861.9	N/A	67-69	Black										
806	806.1 - 809.75	N/A	N/A	Black										
ISM	902 - 928	N/A	N/A	None										
941	941.5 - 959.8	N/A	N/A	Black										
944	944.1 - 951.9	N/A	N/A	Black										

Hybrid Portable Receiver Blocks Available

Frequency Block	Frequency Range:	NTSC TV Channels	PAL D TV Channels	Color:	IFBR1B	SRc	LR
VHF	174.1 - 215.7	7-13	6-13	N/A			
470	470.1 - 495.6	14-18	21-24	Black	A1	A1	A1
19	486.4 - 511.9	16-20	23-26	Black			
20	512.0 - 537.5	21-25	26-29	Black			
21	537.6 - 563.1	25-29	29-32	Brown	B1	B1	B1
22	563.2 - 588.7	29-33	32-35	Red			
23	588.8 - 614.3	33-36	35-39	Orange		B2	
606	606.5 - 631.5	37	38	Black			
24	614.4 - 639.9	38-42	39-42	Yellow	C1	C1	C1
25	640.0 - 665.5	42-46	42-45	Green			
26	665.6 - 691.1	46-50	45-48	Blue			
27	691.2 - 716.7	50-54	48-51	Violet			
28	716.8 - 742.3	55-59	51-55	Gray			
29	742.4 - 767.9	59-63	55-58	White			
30	768.0 - 793.5	N/A	58-61	Black			
779	779.12 - 809.75	N/A	61-63	Black			
31	793.6 - 819.1	N/A	63-64	Black			
32	819.2 - 844.7	N/A	64-67	Black			
33	844.8 - 861.9	N/A	67-69	Black			
806	806.1 - 809.75	N/A	N/A	Black			
ISM	902 - 928	N/A	N/A	None			
941	941.5 - 959.8	N/A	N/A	Black			

Not all products or frequency blocks available in all countries. LICENSING INFORMATION: A ministerial license to operate WIRELESS MICROPHONE EQUIPMENT may be required in certain areas. Consult your national authority for possible requirements. Changes or modifications not expressly approved could void your authority to operate the equipment.

NORTH AMERICA Only

USA and EXPORT

Digital Wireless Bands Available

References

Freq. Block	Frequency Range:	NTSC TV Channels	PAL D TV Channels	Color:	DBu	DHu		DCHT		M2Ra	
						A1B1	B1C1	A1B1	B1C1	A1B1	B1C1
VHF	174.1 - 215.7	7-13	6-13	N/A							
470	470.1 - 495.6	14-18	21-24	Black	A1	A1		A1		A1	
19	486.4 - 511.9	16-20	23-26	Black							
20	512.0 - 537.5	21-25	26-29	Black	B1	B1	B1	B1	B1	B1	B1
21	537.6 - 563.1	25-29	29-32	Brown							
22	563.2 - 588.7	29-33	32-35	Red							
23	588.8 - 614.3	33-36	35-39	Orange			C1		C1		C1
606	606.5 - 631.5	37	38	Black							
24	614.4 - 639.9	38-42	39-42	Yellow							
25	640.0 - 665.5	42-46	42-45	Green							
26	665.6 - 691.1	46-50	45-48	Blue							
27	691.2 - 716.7	50-54	48-51	Violet							
28	716.8 - 742.3	55-59	51-55	Gray							
29	742.4 - 767.9	59-63	55-58	White							
30	768.0 - 793.5	N/A	58-61	Black							
779	779.12 - 809.75	N/A	61-63	Black							
31	793.6 - 819.1	N/A	63-64	Black							
32	819.2 - 844.7	N/A	64-67	Black							
33	844.8 - 861.9	N/A	67-69	Black							
806	806.1 - 809.75	N/A	N/A	Black							
ISM	902 - 928	N/A	N/A	None							
941	941.5 - 959.8	N/A	N/A	Black							

[illegible]

	21499	21642	21644	CH12	DCR9/AU	DCR12/A6U	DCR12/AU†	DCR15/A8U-1	DCR15/4 AU	RPS4
PORTABLE RECEIVERS										
DCR822										
DCHR*										
DSR										
DSR4										
SR Series										
UCR411a										
QuadPack										
OctoPack										
UMCWB										
RACK RECEIVERS										
VRM2 (Venue 2)										
R400a										
DIGITAL WIRELESS										
M2T										
DSQD										
IFB SYSTEM										
IFBT4										
DM SERIES										
DM1624F										
DM1612F										
DM812										
DM84										
DMTH4										
DMPA12										
AM SERIES										
PA8										
ACCESSORIES										
Bias T										
UFM230										
UFM50										
CHS12LB50A										
CHSIFBR1B										
CHSDSSM										

* Only when used with Battery Eliminator
** For countries using 200-220 VAC, 50 Hz power.
† Requires IEC-type power cord. Part #21499, 21642 or 21644

Legacy Products

AC Power Cords/Power Supplies

	21499	21642	21644	CH12	DCR15/4 AU	DCR12/A6U	DCR15/1A6U†	DCR12/A4U†	DCR15/2AU†	CH80 †
PORTABLE RECEIVERS										
VR Field										
UCR401										
UCR411a										
SixPack										
RACK RECEIVERS										
VRM (Venue)										
R400a										
UDR700										
DR										
D4 DIGITAL and QUADRA SYSTEMS										
M4T										
VHF										
CR187										
M187*										
H187*										
ASPEN SERIES										
SPNTrio										
SPNConference										
SPN812										
SPN1612										
SPN1624										
SPN2412										
SPN16i										
SPN32i										
SPNTWB										
SPNCWB										
LONG RANGER 4										
LR4										
LR175										
ACCESSORIES										
CHS12LB50A										

* Only when used with Battery Eliminator

** For countries using 200-220 VAC, 50 Hz power.

† Requires IEC-type power cord. Part #21499, 21642 or 21644



Made in the USA by a Bunch of Fanatics

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Rio Rancho NM 87124 USA
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(800) 821-1121 toll-free
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www.lectrosonics.com

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