



UHF Wireless Microphone System

Clean channel. Clear sound. Clever wireless.™

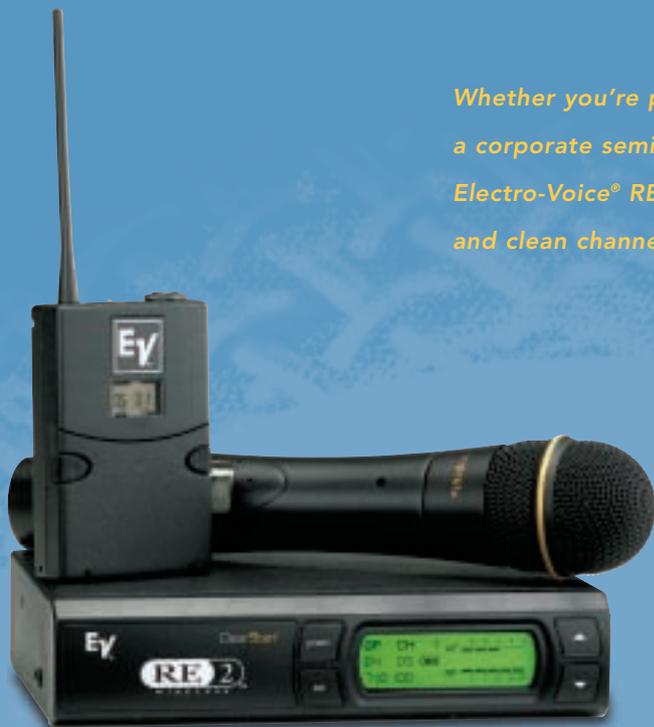




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Clean channel. Clear sound. Clever wireless.™

Whether you're performing at the local rock club, lecturing at a corporate seminar, or speaking in a house of worship, the Electro-Voice® RE-2™ brings ease of use, clear sound, and clean channels to wireless.



Electro-Voice invented the scanning wireless with the EV® NRU, and reinvented wireless with the professional touring RE-1™ wireless microphone system, which is currently on tour with Static-X, Fishbone, and Simple Minds, to name a few. It's been applauded by numerous bands, performers, and sound engineers as a complete wireless solution — combining outstanding sound, simple set-up, and roadworthy construction. Now Electro-Voice has risen to the next level with the RE-2. A third-generation wireless system, it's affordable, professional, and designed for those who are serious about their sound.

Where does the performing musician, corporate speaker, or religious leader go for professional sound? To Electro-Voice, a company that has over 25 years of experience in wireless innovations. The RE-2 wireless system takes frequency agility to a whole new level... professional RE-1 grade power with previously unmatched simplicity. You can also be assured that there will be no interference, drop-outs, or compromised audio quality. Simply press the one touch Auto-ClearScan™ button and the receiver finds the clearest channel in seconds. That's it. You do your job as a professional performer, without the hassle and headache associated with many other wireless systems.

The RE-2 brings clean channels, clear sound, and clever wireless to your performance. Looking for a system that can accommodate electric guitar or bass? Simply switch the unit to the unique "guitar" setting to turn the receiver/transmitter into an optimized guitar wireless system. The RE-2 is also available with three different microphone elements to fit the vocalist's individual style and application – from the popular N/DYM 267a dynamic and RE 410 condenser heads to the flagship Electro-Voice™ 767a dynamic head, there is a sound to suit any need.

BOTTOM LINE: When only the very best in wireless technologies will do, step up to the Electro-Voice RE-2 Wireless...

You perform like a pro — now sound like a pro.™

RE-2 · Complete Systems

RE-2 UHF Receiver

Features:

- One touch Auto-ClearScan
- Programmable in 25kHz steps across 28 MHz operating bandwidth
- Backlit LCD displays the Group, Channel, Frequency, transmitter battery level, diversity operation, and RF and Audio signal level meters
- Balanced XLR audio output for Microphone or Line level signals and a 1/4 inch line level jack
- Fourth generation Secure-phase™ diversity and advanced audio circuits
- Unique “Guitar” setting
- Detachable 1/4 wave antennas

Benefits:

- Finds the clearest channel in the clearest group in seconds
- 1,112 possible frequencies so it will always find a clear channel
- Professional systems costing twice as much don't provide this much information
- Compatible with any application
- Provide maximum range and professional sound quality
- Turns a standard receiver/bodypack into an optimized guitar wireless system
- Flexibility — use with optional rackmount kits, antenna distributors and cables for permanent installations

RE-2 UHF Transmitter

Features:

- Unique “smart” battery
- LCD Displays Group and Channel, Frequency, or Battery Level
- Low battery LED
- One On/Off button that also acts as a mute
- On/Off button can be disabled

Benefits:

- Impossible to put the battery in wrong, great for quick changes on a dark stage
- All the info you need at a glance
- Tells you when to change the battery
- Great for pauses in presentations and worship services
- Prevents accidental turnoffs during a performance

RE-2 UHF Handheld

Features:

- Available with three different microphone elements
- N/DYM 267a Dynamic element
- RE 410 Condenser
- NDYM® 767a Dynamic premium vocal microphone with VOB™ (Vocal-Optimized-Bass)
- Internal 1/2 wave antenna

Benefits:

- Fits the vocalist's style and environment
- Classic dynamic sound and performance in applications ranging from rock and roll to spoken word
- Low handling noise, crisp condenser sound and off mic performance. Perfect for schools, houses of worship and any other multitasking application.
- Excellent sound and gain-before-feedback for high SPL stages
- Excellent range; stays out of harm's way

RE-2 UHF Bodypack

Features:

- Cell phone style beltclip
- Optional pouches available
- A wide selection of lapel and headworn microphone accessories are available

Benefits:

- Offers quick and easy attachment
- For use under costumes or for more vigorous applications like aerobics
- So you can select the microphone suited to your application

Special Guitar Feature:

The RE-2 Bodypack system is the only wireless in the world with software controlled optimization for guitar operation. Hold the SET button down while you turn on the receiver or bodypack and a guitar symbol on the LCD display shows you that it is now in guitar mode. Plug in the MAC-G3 accessory guitar cord and you are ready to rock.

Complete RE-2 Packages

RE2-N2	Receiver + N/D267a Handheld Transmitter	RE2-BP	Receiver + Bodypack Transmitter
RE2-N7	Receiver + N/D767a Handheld Transmitter	RE2-L10	Receiver + Bodypack Transmitter + OLM10 lavalier mic
RE2-410	Receiver + RE410 Handheld Transmitter	RE2-L21	Receiver + Bodypack Transmitter + ULM21 lavalier mic
RE2-G	Receiver + Bodypack Transmitter + MAC-G3 Guitar cord	RE2-Combo	Receiver + N/D267a Handheld + Bodypack Transmitter + ULM21 Lavalier mic

RE-2 PRO · INDIVIDUAL SYSTEMS

RE-2 PRO UHF Receiver All of the great RF and Audio features of the RE-2 receiver plus:

Features:

- Rackmount for single or dual mount
- Cables to mount the antennas on the front of the rack

Benefits:

- Offers flexibility for setup
- Offers flexibility for setup



RE-2 PRO UHF Transmitter All of the great features of the RE-2 transmitter plus:

Features:

- Normal transmit power/high transmit power

Benefits:

- Maximizes simultaneous systems and limits RF spillover into adjacent venues/Maximizes the range and coverage in tough environments



RE-2 PRO UHF Handheld All of the great features of the RE-2 handheld plus:

Features:

- An over-molded Warm-Grip™ handle
- Available with two different interchangeable microphone elements
 - NDYM® 767a Dynamic premium vocal microphone with VOB™ (Vocal-Optimized-Bass), excellent sound and gain-before-feedback for high SPL stages
 - RE510 premium condenser microphone for experienced vocalists, spoken word, and quieter stages.

Benefits:

- Reduces handling noise and encourages proper microphone technique for better performances
- Fits the vocalist's style and environment



RE-2 PRO UHF BodyPack All of the great features of the RE-2 BodyPack plus:

Features:

- Cast magnesium housing
- Detachable 1/4 wave antenna

Benefits:

- Weighs only ounces but is durable enough to take a pounding on tour
- SuperFlex option and easy replacement



ACCESSORIES

- OLM10** Omnidirectional lavalier mic with TA4F
- UML21** Unidirectional lapel microphone with TA4F
- RE90TX** Premium omnidirectional lavalier mic with TA4F
- RE92TX** Premium lapel/instrument unidirectional microphone with TA4F
- HM2** Headworn cardioid mic with TA4F
- HM7** Touring grade headworn cardioid mic with TA4F
- RC-RE2** Hard shell, foam lined road case
- 379-1** Windscreen pop filter for handheld
- HHCK** Handheld transmitter color kit
- WP1000** Leather pouch for RE-2 bodypack transmitter
- BP-23** Aerobics sports pouch for bodypack (not shown)
- MAC-G3** Guitar cord
- RM-S** Rackmount kit — single for one RE-2 receiver
- RMS-TNC** Single rackmount kit with two FMC-K front mount antenna cables
- RM-D** Rackmount kit - double for two RE-2 receivers
- FMC-K** Front mount antenna cables (4)
- ANU-14** 1/4-wave UHF antenna for use with MS3000 and NRSCU (part # 879010)
- FA-500** 1/2-wave Rx antenna (all bands) (680-870 MHz)
- AB-2** Universal mounting bracket for 1/2-wave antennas, with 10-foot coax cable
- APD-4** UHF antenna/power distribution system (provides power and RF signals for 4 units) for use with RE-2 and RE-2 PRO
- TP-2** 50 ohm TNC termination plug for use with APD-4
- LPA500** Directional log periodic antenna with mounting hardware and 10-foot coax
- CXU-X** Low-loss coax cable (X designates length, 25, 50, 75 or 100) for use with remote mount antennas



OLM10



UML21



RE90TX



RE92TX



HM2



HM7



RC-RE2



WP1000



MAC-G3



379-1



HHCK



AB-2



RM-S

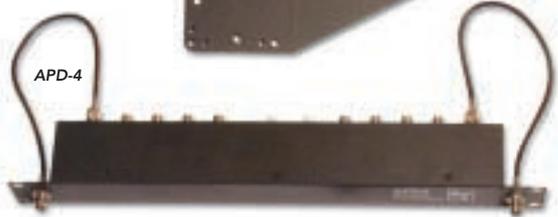
RM-D



LPA500



FMC-K



APD-4



ANU-14



FA-500



TP-2



CXU

SPECIFICATIONS

RE-2 RECEIVER

Receiver Type	Synthesized PLL
Frequency Range (RF)	A Band 648 – 676 MHz (TV Channels 43-48) B Band 696 – 724 MHz (TV Channels 51-56) D Band 798 – 822 MHz E Band 841 – 865 MHz
Number of Channels	1112 possible channels Programmable in 25 kHz steps
Modulation	+/- 40 kHz
Diversity	Digital Secure-Phase™ True Diversity
RF Sensitivity	< 1.0 mV for 12 dB SINAD
Image Rejection	> 60 dB
Squelch	Tone Code plus Amplitude
Ultimate Quieting	> 100 dB
FCC Certification	Approved under Part 15
Power Requirements	12 V AC/DC 300 mA
Antennas	Detachable 1/4 wave
Dimensions (H x W x D)	1.72" x 7.50" x 5.90" 43.7 mm x 190 mm x 150 mm

AUDIO PARAMETERS

Frequency Response	50 – 15 kHz +/- 2 dB
Balanced Output (max @ 40 kHz deviation)	
Mic Position	-10 dBV
Line Position	Adjustable 10 mV-2V RMS
Unbalanced Output	Adjustable 10 mV-1V RMS
Distortion	<1.0%, 0.5% typical (ref 1 kHz, 40 kHz deviat)
Signal-to-Noise Ratio	>100 dB A Weighted
Dynamic Range	>100 dB

TRANSMITTERS, BODYPACK (BPU-2) AND HANDHELD (HTU-2)

Radiated Output	30 mW typical
Microphone Head Electro-Voice 767a	N/D 767a Supercardioid N/DYM Dynamic
Microphone Head Electro-Voice 267a	N/D 267a Versatile Cardioid Dynamic
Microphone Head Electro-Voice RE-410	RE-410 Classic Cardioid Condenser
Standard Lavalier Microphone	EV RE-90TX MicroMini™ Omni-Directional Condenser
TA4 Connector Wiring	Pin 1: Ground; Pin 2 Mic Input; Pin 3: +5V bias; Pin 4: +5V bias through a 3kΩ resistor
Audio Gain Adjustment	40 dB (handheld 26 dB)
Power Requirements	9 Volt Alkaline Battery
Battery Life (Typical)	> 8 hours with 9-Volt Alkaline Typical
Bodypack Antenna	Flexible external 1/4 wave
Handheld Antenna	Internal 1/2 wave
Dimensions, Handheld (L)	9.4" (240 mm) long
Dimensions, Bodypack (H x W x D)	3.8" x 2.6" x 0.92" 96.5 x 66.0 x 23.4 mm

TRANSMITTERS, BODYPACK (BPU2PRO) and HANDHELD (HTU2PRO) Additional Features

Radiated Output	Normal 5 mW typical High 50 mW typical
Interchangeable Microphone Heads	767a Supercardioid N/DYM Dynamic RE 510 Supercardioid Condenser
Bodypack Antenna	Detachable Flexible external 1/4 wave
Handheld Antenna	Internal 1/2 wave
Dimensions, Handheld (L)	10.5" (268 mm) long
Dimensions, Bodypack (H x W x D)	Cast Magnesium 3.8" x 2.6" x 0.92" 96.5 mm x 66.0 mm x 23.4 mm

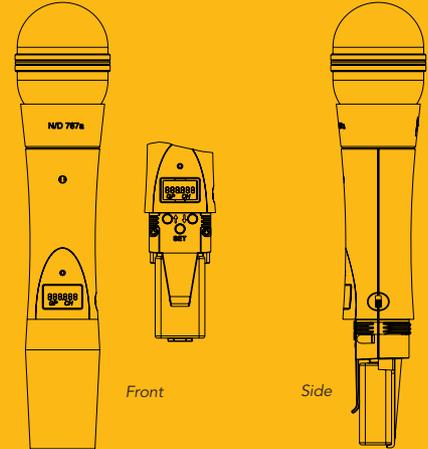


Front

RECEIVER



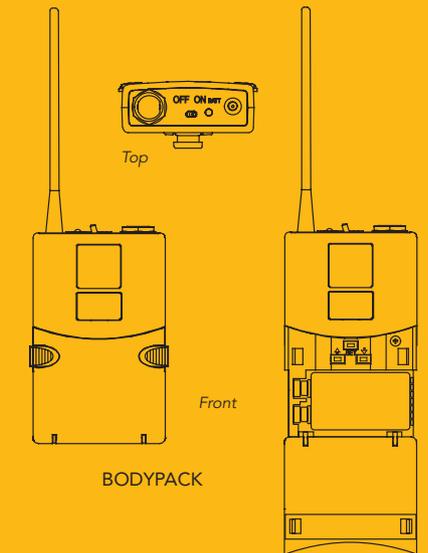
Back



Front

Side

HANDHELD



Top

Front

BODYPACK



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