

RE-2



Whether you're performing at the local rock club, lecturing at a corporate seminar or speaking in a house of worship, your wireless system needs clear sound, clean channels, and easy-to-use setup and operation. The Electro-Voice RE-2 has it all, combining professional power with previously unmatched simplicity. The RE-2 takes frequency agility to a whole new level, and it ensures that your sound comes through without interference, dropouts or compromised audio quality. A third-generation wireless system, the RE-2 is affordable, professional and designed for those who are serious about their sound.

RE-2 Bodypack BPU-2 BODYPACK TRANSMITTER



Made of high-impact ABS plastic, the BPU-2 is a compact bodypack transmitter for the RE-2 wireless system. A single on/off switch also functions as mute, and the TA4 microphone connector is compatible with any EV lavalier or headworn mic.

- Unique "smart" battery with low battery LED
- LCD displays group and channel, frequency or battery level
- One on/off button that also acts as a mute
- On/off button can be disabled
- Cellphone style belt-clip
- Optional pouches and fixed clip available
- A wide selection of lapel and headworn microphone accessories available

RE-2 Handheld HTU-2 HANDHELD TRANSMITTER



The HTU-2 handheld transmitter is a rugged, high-impact, ABS plastic handheld available with EV N/D267a, N/D767a, RE410 or RE510 microphone elements. One-button on/off/mute, coupled with the smart battery feature, makes the HTU-2 easy to use and easy to maintain.

- Available with four different microphone elements:
 - N/D267a Dynamic element
 - N/D767a Dynamic premium vocal microphone
 - RE410 cardioid condenser
 - RE510 supercardioid condenser
- On/off acts as mute and can be disabled.
- Internal 1/2-wave antenna

RE-2 Receiver UHF WIRELESS MICROPHONE RECEIVER



The RE-2 is a completely programmable, frequency-agile wireless system with one-touch ClearScan™, Posi-Phase™ diversity and advanced audio circuits for the best possible sound. Operating over 28 MHz (six TV channels), it includes XLR mic/line level output, backlit LCD display and a unique mode that is optimized for guitar.

- One touch ClearScan™
- 28 MHz operating bandwidth, programmable in 25 kHz steps
- Backlit LCD displays the group, channel, frequency, transmitter battery level, diversity operation, and RF and audio signal level meters
- Outputs: 1/4" line-level, balanced XLR mic/line
- Posi-Phase™ diversity
- Advanced audio circuits with unique guitar setting
- Detachable 1/4-wave antennas

CONSUMER ALERT

Most users do not need a license to operate this wireless microphone system. Nevertheless, operating this microphone system without a license is subject to certain restrictions: the system may not cause harmful interference; it must operate at a low power level (not in excess of 50 milliwatts); and it has no protection from interference received from any other device. Purchasers should also be aware that the FCC is currently evaluating use of wireless microphone systems, and these rules are subject to change. For more information, call the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone website at www.fcc.gov/cgb/wirelessmicrophones

Audio Parameters

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

Microphone Head Options

767a	N/D767a Supercardioid N/Dym Dynamic
267a	N/D267a Versatile Cardioid Dynamic
RE410	RE410 Classic Cardioid Condenser
RE510	RE510 Classic Supercardioid Condenser

RE-2 Receiver

Receiver Type	Synthesized PLL
Frequency Response (RF)	A Band 648–676 MHz (TV Channels 43-48) G Band 614–642 MHz (TV Channels 38-42)
Number of Channels	1112 possible channels, Programmable in 25 kHz steps
Modulation	+/- 40 kHz
Diversity	Digital Posi-Phase™ True Diversity
RF Sensitivity	< 1.0 uV 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
Antenna	Detachable 1/4-wave
Dimensions	H x W x D 1.72" x 7.5" x 5.9" (43.69 x 190.5 x 150 mm)

Transmitters, Bodypack (BPU-2) and Handheld (HTU-2)

Radiated Output	30 mW typical
Audio Gain Adjustment	40 dB (handheld 26 dB)
TA4 Connector Wiring	Pin 1: ground; Pin 2: mic input; Pin 3: +5 V bias; Pin 4: +5 V bias through a 3 kW resistor
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 (Bodypack)	H x W x D 3.8" x 2.6" x 0.92" (96.5 x 66 x 23.4 mm)
Dimensions (Handheld)	9.4" (238.8 mm) long



RE-2 SYSTEMS

RE-2 UHF systems provide groups of up to 10 simultaneous, harmonized channels per frequency band. Besides individual components, the following complete sets, including transmitter and receiver, are available:

RE2-N2	Receiver + N/D267a handheld transmitter
RE2-N7	Receiver + N/D767a handheld transmitter
RE2-410	Receiver + RE410 handheld transmitter
RE2-510	Receiver + RE510 handheld transmitter
RE2-G	Receiver + bodypack transmitter + MAC-G3 guitar cord
RE2-BP	Receiver + bodypack transmitter
RE2-L10	Receiver + bodypack transmitter + OLM10 lavalier mic
RE2-L21	Receiver + bodypack transmitter + ULM21 lavalier mic
RE2-E	Receiver + bodypack transmitter + RE97 headworn mic (beige or brown)
RE2 COMBO	Receiver + N/D267a handheld + bodypack transmitter + ULM21 lavalier mic