The ECM Wireless Receiver is an economical solution to a great wireless microphone system. The ECM has 16 selectable frequencies, IR Sync, Diversity Antennas mounted to the front of the rugged plastic casing. The ECM is available with a handheld, body pack with headset or lav microphone.

The ECMR can be used and will sync with either the HH52 or MBP52 transmitters. The HH52 has a gain control and an on/off switch. Both transmitters are powered by 2 “AA” batteries. The MBP52 body pack transmitter has a 0/-10/Mic selector switch.

**ECM System**
- 200’ Range
- 16 Selectable Frequencies
- Diversity Antennas

**ECMR Receiver**
- Output Volume Control
- IR Sync Transmitter to Receiver
- AF/RF Level Indicator
- Squelch Adjustment
- XLR / 1/4” Outputs
- Rugged Plastic Casing

**ECM Options**
- Other options include the HH52 handheld or MBP52 body pack.
Specifications:

**ECM System**
Available Frequencies: 16
Transmitter Output Level: 10 mW
Band: UHF
Operating Range: Under Typical Conditions 200' (61 m), actual range depends on RF signal absorption, reflection, and inference.
Audio Frequency Response: (+/-3dBB) 70Hz - 16KHz
Total Harmonic Distortion: (+/-30kHz deviation, 1kHz tone): <1%
Dynamic Range: >90dB A-weighted
Operating Temperature Range: 14°F to 122°F (-10°C to +50°C), battery characteristics may limit this range
Included Accessories: Power Supply, 1/4" to 1/4" Audio Cable x1, Quick Start Guide

**Receiver (ECMR)**
Audio Output Level (+/-30kHz deviation, 1kHz tone):
XLR Connector (into 600 Ohm load) -12dBV,
1/4" Connector (into 3k Ohm load) -18dBV
Output Connections: 1 Male XLR Balanced, 1/4" Unbalanced
Output Impedance: XLR connector 200 Ohms, 1/4" connector 1k Ohms
XLR Output: Impedance balanced
Pin 1: Ground (cable shield)
Pin 2: Audio +
Pin 3: No Audio -
Sensitivity: -93dBm for 30dB
Image Rejection: >90dB
Casing: Rugged Plastic
Dimensions: 1.75" x 9.25" x 4.75" (44.5 x 235 x 121 mm) (HxWxD)
Weight: 13.6 oz (390 g)
Power Requirements: 12-18 V DC at 300 mA, supplied by external power supply

**Dynamic Cardioid Handheld Transmitter (HH52)**
Max Audio Input Level: 0dBV
Gain Adjust: Trim pot
RF Output: 10 mW, 20 mW
Frequency Response: 70Hz - 15kHz
Dimensions: 9.8" x 2.1" (250 x 53mm)(LxDia.)
Weight: 9.5 oz (270 g) (without batteries)
Power Requirements: 2 "AA" Batteries, alkaline or rechargeable
Battery Life: About 8 hours (alkaline)

**Body Pack Transmitter (MBP52)**
Max Audio Input Level: 0dBV to +10dBV
Gain Adjust: Mic / 0dB / -10dB
RF Output: 10 mW
Input Impedance: 5k Ohms
Dimensions: 3.3" x 2.6" x 1" (85 x 65 x 24 mm)(HxWxD)
Weight: 3.0 oz (85 g) (without batteries)
Power Requirements: 2 "AA" Batteries, alkaline or rechargeable
Battery Life: About 8 hours (alkaline)