The ECM Wireless Receiver is an economical solution for a great wireless microphone system. The ECM has 16 selectable channels, 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, instrument cable, or with our popular guitar bud.

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 2AA batteries. The MBP52 body pack transmitter has a 0/-10/Mic selector switch.

The ECM is available in two frequency ranges:
CODE D: 584~607MHz
CODE L: 655~679MHz
Specifications:

**ECM System**
- **Available Channels:** 16
- **Frequency Range and Transmitter Output Level**
  - **Frequency Range:** CODE D: 584~607MHZ, CODE L: 655~679MHz
  - **Transmitter Output Level:** 10mW
- **Band:** UHF
- **Operating Range Under Typical Conditions:** 200' (61m)
  - Note: actual range depends on RF signal absorption, reflection, and interference
- **Audio Frequency Response:** +/-3dB 60Hz~16KHz
- **Total Harmonic Distortion:** +/-30KHz deviation 1KHz tone <1%
- **Dynamic Range:** >90dB A-weighted
- **Operating Temperature:** Range 14ºF to 122ºF (-10 Cº to +50 Cº)
  - Note: battery characteristics may limit this range

**Receiver (ECMR)**
- **Audio Output Level:** (+/-30 Khz deviation, 1KHz tone)
- **XLR connector (into 600Ω load) -12dBV**
- **1/4" connector (into 3KΩ load) -18dBV**
- **Output Impedance:** XLR connector 200Ω
  - 1/4" connector 1KΩ
- **XLR output:** Impedance balanced
  - Pin1: Ground (cable shield)
  - Pin2: Audio
  - Pin3: No Audio
- **Image Rejection:** >90dB
- **Dimensions:** 1.75" x 9.25" x 4.75"
  - (44.45mm H x 235mm W x 121mm D)
- **Weight:** 0.85lbs (0.39 kg)
- **Power Requirements:** 13.5 V DC at 300mA, supplied by external power supply.

**Handheld Transmitter (HH52)**
- **Max Audio input level:** 0dBV
- **Gain (Sensitivity):** +/-15dBV Control
- **High/Low:** 10mW/1mW RF power switch.
- **Dimensions:** 9.8" x 2.1" dia. (250mm x 53mm dia.)
- **Weight:** 9.5oz. (270 g) (without batteries)
- **Power Requirements:** 2 "AA" size alkaline or NiMH rechargeable batteries
- **Battery Life:** About 8 Hours

**Bodypack Transmitter (MBP52)**
- **Max Audio Input Level:**
  - 0 dBV to +10dBV
- **Gain Adjustment Range:** mic /0/-10dB
- **Input Impedance:** 5KΩ
- **Dimensions:** 3.3" x 2.6" x 1"
  - (85mm H x 65mm W x 24mm D)
- **Weight:** 3.0oz (85 g) (without batteries)
- **Power Requirements:** 2 AA Batteries alkaline or NiMH rechargeable batteries
- **Battery Life:** About 8 Hours

Specifications subject to change without notice.