The ECD Series is a dual channel wireless microphone system. The ECD features dual receivers in a rugged plastic housing with two internal antennas, one for each receiver. Each receiver has 16 selectable channels and IR Sync from the receiver to the transmitter. Output from each receiver is controlled by the front mounted volume controls and is sent to the single ¼” output jack on the back of the receiver.

The ECDR can be used and will sync with either the HH38 handheld or the MBP38 body pack transmitters. Systems with the MBP38 body pack are available with either a lavalier, headset, or guitar cable. Both transmitters feature an on/off switch and are powered by two “AA” batteries. The MBP38 body pack transmitter also features a Mic/0/-10 selector switch for various input level sources.

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

**ECD OPTIONS**

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**3 YEAR WARRANTY**
Specifications:

**ECD System**
Available Channels: 16
Frequency Range and Transmitter Output Level
Frequency Range: CODE D: 584~607MHz
          CODE L: 655~679MHz
Transmitter Output Level: 10dBm
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 14°F to 122°F (-10 C° to +50 C°)
Note: battery characteristics may limit this range

**Receiver (ECDR)**
Audio Output Level: (+/-30 kHz deviation, 1kHz tone)
1/4" connector (into 3kΩ load) -18dBV
Output Impedance: 1/4" connector 1kΩ
Image Rejection: >92dB
Dimensions: 1.7" x 8.3" x 5"
(42mm H x 210mm W x 127mm D)
Weight: 0.85lbs (0.38 kg)
Power Requirements: 12-18 V DC at 300mA, supplied by external power supply.

**Handheld Transmitter (HH38)**
Dimensions: 9.6" x 1.9" dia. (245mm x 50mm dia.)
Weight: 0.45lbs (0.20 kg) (without batteries)
Power Requirements: 2 AA Batteries alkaline or NiMH rechargeable batteries
Battery Life: About 8 Hours

**Bodypack Transmitter (MBP38)**
Max Audio Input Level:
0 dBV to +20dBV
Gain Adjustment Range: 30dB
Input Impedance: 5kΩ
Input Connector: 1/8" Locking
Dimensions: 3.3" x 2.55" x 1"
(83.8mm H x 64.8mm W x 25.4mm D)
Weight: 0.1lbs (0.04 kg) (without batteries)
Power Requirements: 2 AA Batteries alkaline or NiMH rechargeable batteries
Battery Life: About 8 Hours

Specifications subject to change without notice.