

# Lectrosonics Duet Digital Wireless B1C1 Monitor System



Lectrosonics introduces the Duet digital wireless monitor system in the B1C1 (537-691 MHz) tuning range for international markets including Europe, Asia-Pacific, and South America. Conventional in-ear wireless monitor systems rely on decades-old technology: FM transmission with multiplexed, companded audio. The M2 Duet System employs unique digital technology to provide ruler-flat frequency response, wide dynamic range with no compression, and maximum channel separation for rock-solid stereo imaging or reliable mono operation with no crosstalk. In addition, the digital audio eliminates a compandor and the associated artifacts. The result is crystal clear sound and extremely low distortion with extremely low latency of 1.8 ms. The transmitter and receiver housings are all-metal for maximum durability, and both analog and Dante digital signal sources are supported. The Duet IEM system components include the M2Ra body pack receiver, the M2T/E01 dual-stereo half-rack transmitter, and the M2C-L wideband power combiner.

Key System Features include:

- Phantom power protection on the M2Ra headphone jack so that the receiver can be safely used as a camera hop receiver.
- IFB analog compatibility mode on the M2Ra for maximum flexibility.
- Dante digital and analog inputs on the M2T/E01 transmitter.
- Easy-to-navigate menu structures and color displays on both transmitter and receiver.
- High receiver IP3 and 1dB RF compression points for robust handling of high

signal levels.

- D2 and HDM mono digital compatibility modes in the M2Ra so it can be used as a very small portable receiver or portable monitor device, with mono digital transmitters from the D Squared product line.
- AES 256-bit CTR encryption with four key policies available.
- Wireless Designer connectivity on the M2T/E01 via USB or Ethernet.

Both the M2Ra body pack receiver and M2T/E01 half-rack transmitter include a USB jack so users can update the firmware in their units in the field, using Lectrosonics Wireless Designer software. One of the key features of the Duet system is the Flexlist, allowing users to build a list, by name, of up to 24 monitor feeds. With the Flexlist function, users can browse these feeds on an M2Ra easily and quickly with a minimum of navigation, an important tool for monitor engineers and location sound mixers.

The M2Ra-B1C1, M2T/E01-B1C1, and M2C-L are available now. For pricing, please contact your authorized Lectrosonics dealer.

[www.lectrosonics.com](http://www.lectrosonics.com)