

M-216 Option P7

Portable Wireless Field Transmitter

- *Greater Operating Range*
- *Extended Frequency Response*
- *Low Power Consumption*
- *Rugged, Short Whip Antenna*
- *Adaptive Modulation Selection*

The M-216 Option P7 is the perfect on-the-go, field transmitter offering directors, crew, and client reliable and superior sounding wireless program monitoring. For use with the PR-216 wireless receiver, this portable, battery powered transmitter is built to withstand the most demanding needs of location sound monitoring.



Equipped with a flexible short whip antenna, the M-216 Option P7 offers superior RF transmission and a greater operating range. Digitally synthesized, this multi-channel transmitter tunes 57 channels in the 216-217 MHz band and offers 5-channel compatibility for multi-transmitter simultaneous operation. It has an adjustable gain control and a single LED VU meter that offers a quick reference visual indication of the input level setting.

Built with performance in mind, the M-216 Option P7 provides the quality and dependability required by top sound mixers!

COMTEK®

First Quality In Wireless Sound

Audio Input: Aux/Line input
Impedance - 10 k ohm at 0 dB nominal

Connector: Auxiliary - Mini stereo 3.5 mm
- Audio: Tip and sleeve
- Battery Charging: Tip and sleeve

Controls and Indicators:

- Synthesized channel selection switches
- Power On/Off switch
- Audio input gain control
- Power/Battery status indicator
- Audio modulation indicator
- Companded Auto/Off switch

Frequency Response: 80 Hz to 10 kHz

Audio Distortion: Less than 1% at 80% modulation

Modulation Limiter: Soft compressor with 30 dB linear overload protection, attack time - less than 1 ms, recovery time - 10 ms

Modulation:

- 5 kHz deviation Ch. 1-40 (non-companded)
- 10 kHz deviation Ch. 41-60 (companded)

Operating Radio Frequency: 57 synthesized channels in the 216-217 MHz LPRS band under FCC part 95

Out-of-Band Emissions: Better than 45 dB below carrier

R.F. Stability: 20 ppm XTL controlled digitally synthesized

R.F. Power Output: 10 mW to antenna system

Antenna System: BNC short loaded whip antenna

Current Drain: 15 mA constant current

Battery:

- 9 volt alkaline Eveready 522 or equivalent for up to 40 hours of operation
- 9 volt Nickel-Metal Hydride rechargeable battery for up to 12 hours of operation

Dimensions: 1¹/₁₆" x 2¹/₄" x 3¹/₂" (27 mm x 57 mm x 89 mm)

Weight: 5 ounces (140 grams)

FCC Compliance: Certification under Part 95

Note: Specifications subject to change without notification.

The MBS-216 mounting-bracket stand is an ideal way to conveniently position the M-216 Option P7 transmitter for field use. The M-216 clip snaps into the mounting bracket locking the transmitter in place. The MBS-216 maintains a vertical antenna position, maximizing the performance of the M-216 Option P7 transmitter.

