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PHONE: [401] 658.5766



# PMD-750T

## Beltpack Transmitter for PMD-750 Wireless Camera Mount System

### Key Features:

- 2.4GHz FHSS (frequency-hopping spread spectrum) operation
- Expands the PMD-750 Wireless Camera Mount System to two-channel operation
- Automatic pairing and channel selection
- Locking 4-pin mini-XLR input
- Includes omnidirectional lavalier microphone
- Foam and synthetic fur windscreens

### Overview:

The PMD-750T beltpack transmitter - available as a separate item - expands the PMD-750's versatility. When added to the PMD-750 Wireless Camera Mount System, the system will then utilize two beltpack transmitters. The system with two transmitters can be operated in stereo (for two separate audio tracks) or mono (both transmitter outputs are combined). The professional, lightweight build and easily-readable OLED screen make the transmitter simple to operate-even for a novice. Includes an omnidirectional lavalier microphone for use right out of the box.

### Specifications:

- Audio Performance
  - Frequency Spectrum: 2.401 - 2.483 GHz
  - Transmission Method: FHSS
  - Dynamic Range: > 100 dB
  - THD: < 0.2 %, typical
  - Latency: 4.5 ms
  - Operating Range: Up to 100' (31m)
- Transmitter
  - Frequency Response: 50 Hz - 18 kHz
  - Maximum Input Level: -20dB
  - Bias Voltage: 5V (for condenser mics)
  - Input Impedance: 10 kΩ
  - Power: (2) AA alkaline batteries
  - Current Consumption: 126 mA
  - Dimensions (width x depth x height): 2.6" x 4.0" x 1.6" (65 x 102 x 40mm)
  - Weight: 82g
- Lavalier Microphone
  - Frequency Response: 20 Hz - 20 kHz
  - Output Impedance: 3 kΩ
  - Pattern: Omnidirectional
  - Type: Electret Condenser
  - Sensitivity: -38 dB, ± 3 dB
  - Equivalent Noise: 25 dBA

- Maximum SPL Level: 130 dB
- Receiver
  - Frequency Response: 50 Hz - 18 kHz
  - Pairing Bands: 16 channels
  - Modulation: GFSK
  - Audio Quality: Uncompressed 96 kHz/24-bit
  - Signal-to-Noise Ratio:  $\geq 100$  dB (A equivalent - whole system)
  - T.H.D.: 0.2% (typical) @ 1 kHz
  - Dynamic Range:  $\geq 100$  dB (A - whole system)
  - Audio Sampling: 96 kHz / 24-Bit
  - Current Consumption: 150 mA (one channel) 170 mA (two channels)
  - Operating Temperature: 14° to 131° F (-10° to 55° C)
  - Operating Distance: > 30m (in open space)
  - Maximum Output Level: -12 dB
  - Output Impedance: 300  $\Omega$