

Can your transmitter do this?



Meet the watertight WM wireless microphone transmitter.

完全防水！

ウォータープルーフトランスミッター

“WM”誕生！

<http://www.tech-trust.co.jp/pdf/lectro/wm.pdf>



日本テックトラスト株式会社

〒150-8512

東京都渋谷区桜丘町26-1セルリアンタワー15階

TEL:03-5456-5730 FAX:03-6369-4465

E-MAIL : sales@tech-trust.co.jp

URL : <http://www.tech-trust.co.jp>

Watertight Transmitter



- ・ 堅牢で防錆性のアルミ削り出しハウジングを採用
- ・ 湿潤環境下での使用を可能にする防水処理
- ・ 操作ロック機能搭載
- ・ 他社の受信機にも対応する変調モード切り替え機能搭載
- ・ サーボ バイアス入力回路搭載によりマイクロホン用電源電圧切り替え機能搭載

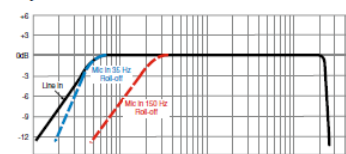


バッテリー収納部は Oリングで密閉されます。

Channel Spacing: 100 kHz
 Frequency selection: Control panel mounted membrane switches
 RF Power output: 10 mW
 Compatibility Modes (6): Digital Hybrid Wireless® (400 Series), 200 Series, 100 Series, Mode 3, Mode 6, IFB
 Pilot tone: 25 to 32 kHz; 2 kHz deviation (in 400 Series Hybrid Mode)
 Frequency stability: ± 0.002%
 Deviation: ± 75 kHz max. (in 400 Series Mode)
 Spurious radiation: 60 dB below carrier
 Equivalent input noise: -125 dBV, A-weighted
 Input level:
 Dynamic mic: 0.5 mV to 50 mV before limiting. Greater than 1 V with limiting.
 Electret lavalier mic: 1.7 uA to 170 uA before limiting. Greater than 5000 uA (5 mA) with limiting.
 Line level input: 17 mV to 1.7 V before limiting. Greater than 5 V with limiting.
 Input impedance:
 Dynamic mic: 300 Ohms
 Electret lavalier: Input is virtual ground with servo adjusted constant current bias
 Line level: > 2.7 k Ohms
 Input limiter: Soft limiter, 30 dB range
 Bias voltages: Selectable; 2V, 4V and Off
 Gain control range: 44 dB; panel mounted membrane switches
 Modulation indicators: Dual bicolor LEDs indicate modulation of -20, -10, 0, +10 dB referenced to full modulation
 Controls: Control panel with LCD and four membrane switches

Low frequency roll-off:

Adjustable from 35 to 150 Hz



Audio Frequency Response:

35 Hz to 20 kHz, +/-1 dB (The low frequency roll-off is adjustable - see graph above)

Signal to Noise Ratio (dB): (overall system, 400 Series mode)

	SmartNR	No Limiting	w/Limiting
OFF	103.5	108.0	
NORMAL	107.0	111.5	
FULL	108.5	113.0	

(Note: the dual envelope "soft" limiter provides exceptionally good handling of transients using variable attack and release time constants. The gradual onset of limiting in the design begins below full modulation, which reduces the measured figure for SNR without limiting by 4.5 dB)

Total Harmonic Distortion:

0.2% typical (400 Series mode)

Audio Input Jack:

2.5 mm locking micro; threaded for stainless sleeve on WP connector

Antenna:

Flexible, unbreakable steel cable.

Batteries:

1.5 Volt AA lithium

Weight:

5.33 oz.. (151 grams) with lithium batteries

Housing Dimensions:

2.98 x 2.55 x 0.77 inches
 75.7 x 64.8 x 19.6 mm (including battery caps)

Emission Designator:

160KF3E