



Evolution Wireless Digital

EW-D EM | Rack Receiver



1/2 19" rack receiver for use with Evolution Wireless Digital handheld and bodypack transmitters.

Versatile and feature-rich digital wireless system for those who sing, speak or play instruments that allows for seamless product pairing and management via the Smart Assist App. Receive state-of-the-art live sound.

DELIVERY INCLUDES

- EW-D EM rack receiver
- 2 rod antennas
- power supply with country adapters
- rackmount set
- 4 rubber feet
- quick guide
- safety guide
- manufacturer declaration sheet

SPECIFICATIONS

System		
Audio link frequency ranges	Q1-6	470.2 – 526 MHz
	R1-6	520 – 576 MHz
	R4-9	552 – 607.8 MHz
	S1-7	606.2 – 662 MHz
	S4-7	630 – 662 MHz
	S7-10	662 – 693.8 MHz
	T1/7	694.5 – 702.7 MHz & 748.3 – 757.7 MHz
	T12	806.125 – 809.750 MHz
	T13-14	819.2 – 823.0 MHz
	U1/5	823.2 – 831.8 MHz & 863.2 – 864.8 MHz
	V3-4	925.2 – 937.3 MHz
	Y1-3	1785.2 – 1799.8 MHz
Bluetooth® Low Energy (BLE) frequency range	2402 - 2480 MHz	
Audio frequency response	20 Hz - 20 kHz (-3 dB) @ 3 dBfs	
Audio THD	≤ -60 dB for 1 kHz @ -3 dBfs input level	
Dynamic range	134 dB	
System latency	1.9 ms	
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)	
Relative humidity	5 - 95 % (non-condensing)	

FEATURES

- Digital wireless eliminates noise, interference and static bursts
- UHF transmission greatly enhances range, reliability and scalability
- Mobile App streamlines setup and operation and eliminates complicated menus
- Automated setup creates reliable connections with minimal time and effort
- Up to 2,240 selectable frequencies
- 56 MHz Bandwidth will allow for up to 90 channels
- Preserves every detail of even the most dynamic performances with 134 dB transmitter dynamic range
- All metal housing

EW-D EM (Rack Receiver)

Input voltage	11 - 13 V ~
Input current	≤ 300 mA
Transmit power (radiated)	BLE: max. 10 mW EIRP
Audio output power	18 dBu max.
Dimensions	212 x 44 x 189 mm (8.35" x 1.73" x 7.44")
Weight (without antennas and power supply)	approx. 1000 g (2.2 lbs)



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PRODUCT VARIANTS

EW-D EM (Q1-6)	470.2 - 526 MHz	Art. no. 508800
EW-D EM (R1-6)	520 - 576 MHz	Art. no. 508801
EW-D EM (R4-9)	552 - 607.8 MHz	Art. no. 508802
EW-D EM (S1-7)	606.2 - 662 MHz	Art. no. 508803
EW-D EM (S4-7)	630 - 662 MHz	Art. no. 508804
EW-D EM (T1/T7)	694.5 – 702.7 MHz & 748.3 – 757.7 MHz	Art. no. 700458
EW-D EM (T12)	806.125 – 809.750 MHz	Art. no. 700459
EW-D EM (T13-14)	819.2 – 823.0 MHz	Art. no. 700460
EW-D EM (S7-10)	662 - 693.8 MHz	Art. no. 508805
EW-D EM (U1/5)	823.2 - 831.8 MHz & 863.2 - 864.8 MHz	Art. no. 508806
EW-D EM (V3-4)	925.2 - 937.3 MHz	Art. no. 508808
EW-D EM (Y1-3)	1785.2 - 1799.8 MHz	Art. no. 508809



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ACCESSORIES

EW-D ASA (Q-R-S)	Active Antenna Splitter	470 - 694 MHz	Art. no. 508879
EW-D ASA (T-U-V-W)	Active Antenna Splitter	694 - 1075 MHz	Art. no. 508880
EW-D ASA (X-Y)	Active Antenna Splitter	1350 - 1805 MHz	Art. no. 508881
EW-D ASA CN/ANZ (Q-R-S)	Active Antenna Splitter	470 - 694 MHz	Art. no. 508998
EW-D AB (Q)	Antenna Booster	470 - 550 MHz	Art. no. 508873
EW-D AB (R)	Antenna Booster	520 - 608 MHz	Art. no. 508874
EW-D AB (S)	Antenna Booster	606 - 694 MHz	Art. no. 508875
EW-D AB (T)	Antenna Booster	694 - 824 MHz	Art. no. 700462
EW-D AB (U)	Antenna Booster	823 - 865 MHz	Art. no. 508876
EW-D AB (V)	Antenna Booster	902 - 960 MHz	Art. no. 508877
EW-D AB (Y)	Antenna Booster	1785 - 1805 MHz	Art. no. 508878
Half Wave Dipole (Q)	Pair of rod antennas	470 - 550 MHz	Art. no. 508868
Half Wave Dipole (R)	Pair of rod antennas	520 - 608 MHz	Art. no. 508869
Half Wave Dipole (S)	Pair of rod antennas	606 - 694 MHz	Art. no. 508870
Half Wave Dipole (T1-7)	Pair of rod antennas	694 - 758 MHz	Art. no. 700461
Half Wave Dipole (T12-14)	Pair of rod antennas	806 - 823 MHz	Art. no. 700504
Half Wave Dipole (U)	Pair of rod antennas	823 - 865 MHz	Art. no. 508871
Half Wave Dipole (V)	Pair of rod antennas	902 - 960 MHz	Art. no. 508966
Half Wave Dipole (Y)	Pair of rod antennas	1785 - 1805 MHz	Art. no. 508872
ADP UHF (470 - 1075 MHz)	Passive directional antenna	470 - 1075 MHz	Art. no. 508863
BA 70	Rechargeable battery pack for SK and SKM		Art. no. 508860
L 70 USB	Charger for BA 70 rechargeable battery pack		Art. no. 508861
EW-D CHARGING SET	Set of L 70 USB charger and 2 BA 70 rechargeable battery packs		Art. no. 508862
EW-D COLOR CODING SET	Colored labels for wireless link identification for EM, SKM-S, SK		Art. no. 508989
EW-D SK COLOR CODING	Colored labels for wireless link identification for SK		Art. no. 508990
EW-D SKM COLOR CODING	Colored labels for wireless link identification for SKM-S		Art. no. 508991
EW-D EM COLOR CODING	Colored labels for wireless link identification for EM		Art. no. 508992

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DIMENSIONS

