



Evolution Wireless Digital EW-D ME4 SET | Lavalier Set



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 EW-D Smart Assist App.

With a metal housing, the robust bodypack transmitter and unobtrusive clip-on microphone ME 4 (cardioid) with high speech intelligibility suit perfectly for daily use on stage.

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
- Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries)
- 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

DELIVERY INCLUDES

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



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PRODUCT VARIANTS

EW-D ME4 SET (Q1-6)	470.2 - 526 MHz	Art. no. 508720
EW-D ME4 SET (R1-6)	520 - 576 MHz	Art. no. 508721
EW-D ME4 SET (R4-9)	552 - 607.8 MHz	Art. no. 508722
EW-D ME4 SET (S1-7)	606.2 - 662 MHz	Art. no. 508723
EW-D ME4 SET (S4-7)	630 - 662 MHz	Art. no. 508724
EW-D ME4 SET (S7-10)	662 - 693.8 MHz	Art. no. 508725
EW-D ME4 SET (U1/5)	823.2 - 831.8 MHz & 863.2 - 864.8 MHz	Art. no. 508726
EW-D ME4 SET (V3-4)	925.2 - 937.3 MHz	Art. no. 508728
EW-D ME4 SET (Y1-3)	1785.2 - 1799.8 MHz	Art. no. 508729

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 (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
ADP UHF (470 - 1075 MHz)	Passive directional antenna	470 - 1075 MHz	Art. no. 508863
BA 70	Rechargeable battery pack for SK and SKM-S		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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MICROPHONE COMPATIBILITY

Lavalier and headset microphones compatible with the EW-D SK bodypack transmitter

ME 2	Omni-directional lavalier microphone Models produced from 2021 onward, featuring a gold-plated connector*
ME 4	Cardioid lavalier microphone Models produced from 2021 onward, featuring a gold-plated connector*
MKE Essential Omni	Omni-directional lavalier microphone
MKE 2 Gold	Omni-directional lavalier microphone Models produced from 2018 onward, featuring a blue serial number plate
MKE 1	Omni-directional lavalier microphone
ME 3	Cardioid headset microphone Models produced from 2021 onward, featuring a gold-plated connector*
HSP Essential Omni	Omni-directional headset microphone
HSP 2	Omni-directional headset microphone Models produced from March 2020 onward (featuring code 1090 or later)
HS 2	Omni-directional headset microphone Models produced from 2021 onward, featuring a gold-plated connector*
SL Headmic 1	Omni-directional headset microphone

* Models produced prior to 2021 will feature a nickel connector. Earlier models may pick up noise when placed close to the transmitter and are not recommended for use



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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 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
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)
Relative humidity	5 - 95 % (non-condensing)

EW-D EM (Rack Receiver)	
Input voltage	11 - 13 V $\overline{\text{---}}$
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
Weight	approx. 1000 g (without antennas and power supply)

Set in packaging	
Dimensions	405 x 350 x 73 mm
Weight	2.8 kg

EW-D SK (Bodypack Transmitter)	
Input voltage	2.0 - 4.35 V
Input current	< 300 mA
Power supply	2 AA batteries 1.5 V (alkali manganese) or BA 70 rechargeable battery pack
Occupied bandwidth	200 kHz
Transmit power (radiated)	Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW EIRP
Dimensions	63 x 80 x 20 mm (without antenna)
Weight (without batteries)	approx. 120 g

ME 4 (Lavalier Microphone)	
Transducer principle	pre-polarized condensor microphone
Pick-up pattern	cardioid
Sensitivity (free field, no load) (1 kHz)	40 mV/Pa
Max. SPL at 1 kHz	120 dB
Frequency response	50 to 18,000 Hz
Equivalent noise level A-weighted (DIN IEC 651)	31 dB
Connector	3.5 mm jack
Cable length	approx. 1.60 m
Supply voltage	7.5 V



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DIMENSIONS

EW-D SK

Frequenzbereich Frequency range	L
1785-1805 MHz	198.8 / 7.83"
925-937.5 MHz	152.8 / 6.02"
902-928 MHz	152.8 / 6.02"
823-832 MHz / 863-865 MHz	161.8 / 6.37"
662-694 MHz	190.8 / 7.51"
630-662 MHz	190.8 / 7.51"
606-662 MHz	190.8 / 7.51"
552-608 MHz	212.8 / 8.38"
520-576 MHz	212.8 / 8.38"
470.2-526 MHz	226.8 / 8.93"

