



# Evolution Wireless Digital

## EW-D SK | Bodypack Transmitter



Compact and versatile bodypack transmitter for use with Evolution Wireless Digital receivers.

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.

This bodypack transmitter is compatible with a wide range of Sennheiser headset microphones and clip-on/lavalier microphones.

### 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
- Compatible with a wide range of Sennheiser headset microphones and clip-on/lavalier microphones
- Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries)
- All metal housing

### DELIVERY INCLUDES

- EW-D SK bodypack transmitter
- pouch
- quick guide
- safety guide
- manufacturer declaration sheet

### PRODUCT VARIANTS

<b>EW-D SK (Q1-6)</b>	470.2 - 526 MHz	Art. no. 508780
<b>EW-D SK (R1-6)</b>	520 - 576 MHz	Art. no. 508781
<b>EW-D SK (R4-9)</b>	552 - 607.8 MHz	Art. no. 508782
<b>EW-D SK (S1-7)</b>	606.2 - 662 MHz	Art. no. 508783
<b>EW-D SK (S4-7)</b>	630 - 662 MHz	Art. no. 508784
<b>EW-D SK (S7-10)</b>	662 - 693.8 MHz	Art. no. 508785
<b>EW-D SK (T1/T7)</b>	694.5 - 702.7 MHz & 748.3 - 757.7 MHz	Art. no. 700452
<b>EW-D SK (T12)</b>	806.125 - 809.750 MHz	Art. no. 700453
<b>EW-D SK (T13-14)</b>	819.2 - 823.0 MHz	Art. no. 700454
<b>EW-D SK (U1/5)</b>	823.2 - 831.8 MHz & 863.2 - 864.8 MHz	Art. no. 508786
<b>EW-D SK (V3-4)</b>	925.2 - 937.3 MHz	Art. no. 508788
<b>EW-D SK (Y1-3)</b>	1785.2 - 1799.8 MHz	Art. no. 508789



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### SPECIFICATIONS

System		EW-D SK (Bodypack Transmitter)		
Audio link frequency ranges	Q1-6	470.2 – 526 MHz	Input voltage	2.0 - 4.35 V
	R1-6	520 – 576 MHz	Input current	< 300 mA
	R4-9	552 – 607.8 MHz	Power supply	2 AA batteries 1.5 V (alkali manganese) or BA 70 rechargeable battery pack
	S1-7	606.2 – 662 MHz		
	S4-7	630 – 662 MHz	Occupied bandwidth	200 kHz
	S7-10	662 – 693.8 MHz		
	T1/7	694.5 – 702.7 MHz & 748.3 – 757.7 MHz	Transmit power (radiated)	Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW EIRP
	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	Dimensions (without antenna)	63 x 80 x 20 mm (2.48" x 3.15" x 0.79")
V3-4	925.2 – 937.3 MHz			
Y1-3	1785.2 – 1799.8 MHz	Weight (without batteries)	approx. 120 g (0.26 lbs)	
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)			

### MICROPHONE COMPATIBILITY

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

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

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



# Evolution Wireless Digital EW-D SK | Bodypack Transmitter

## DIMENSIONS

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"
806.125 - 809.750 MHz / 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"

