



Evolution Wireless Digital

EW-D SKM-S | Handheld Transmitter



Rugged and versatile handheld transmitter for use with Evolution Wireless Digital receivers, compatible with a wide range of Sennheiser and Neumann microphone capsules.

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.

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 and Neumann microphone capsules
- 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 SKM-S handheld transmitter
- MMD 835 microphone module
- MZQ 1 microphone clamp
- pouch
- quick guide
- safety guide
- manufacturer declaration sheet

PRODUCT VARIANTS

EW-D SKM-S (Q1-6)	470.2 - 526 MHz	Art. no. 508790
EW-D SKM-S (R1-6)	520 - 576 MHz	Art. no. 508791
EW-D SKM-S (R4-9)	552 - 607.8 MHz	Art. no. 508792
EW-D SKM-S (S1-7)	606.2 - 662 MHz	Art. no. 508793
EW-D SKM-S (S4-7)	630 - 662 MHz	Art. no. 508794
EW-D SKM-S (S7-10)	662 - 693.8 MHz	Art. no. 508795
EW-D SKM-S (U1/5)	823.2 - 831.8 MHz & 863.2 - 864.8 MHz	Art. no. 508796
EW-D SKM-S (V3-4)	925.2 - 937.3 MHz	Art. no. 508798
EW-D SKM-S (Y1-3)	1785.2 - 1799.8 MHz	Art. no. 508799



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EW-D SKM-S | Handheld Transmitter

SPECIFICATIONS

System			EW-D SKM-S (Handheld 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	Occupied bandwidth	200 kHz
	S4-7	630 - 662 MHz	Transmit power (radiated)	Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW EIRP
	S7-10	662 - 693.8 MHz	Dimensions (ø x l) (incl. MMD 835 microphone module)	50 x 268 mm (1.97" x 10.55")
	U1/5	823.2 - 831.8 MHz & 863.2 - 864.8 MHz	(without microphone module)	40 x 200 mm (1.57" x 7.87")
	V3-4	925.2 - 937.3 MHz	Weight (without batteries) (incl. MMD 835 microphone module)	approx. 304 g (0.67 lbs)
	Y1-3	1785.2 - 1799.8 MHz	(without microphone module)	approx. 195 g (7.14 lbs)
Bluetooth® Low Energy (BLE) frequency range	2402 - 2480 MHz		MMD 835 (Microphone Module)	
Audio frequency response	20 Hz - 20 kHz (-3 dB) @ 3 dBfs		Transducer principle	dynamic
Audio THD	≤ -60 dB for 1 kHz @ -3 dBfs input level		Sensitivity	2.1 mV/Pa
Dynamic range	134 dB		Sound pressure level	154 dB SPL
System latency	1.9 ms		Pick-up pattern	cardioid
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)			
Relative humidity	5 - 95 % (non-condensing)			

MICROPHONE COMPATIBILITY

Microphone modules compatible with the EW-D SKM-S handheld transmitter

MMD 835-1	Dynamic microphone module with cardioid polar pattern
MMD 845-1	Dynamic microphone module with supercardioid polar pattern
MME 865-1	Pre-polarized condenser microphone module with supercardioid polar pattern
MMD 935-1	Dynamic microphone module with cardioid polar pattern
MMD 945-1	Dynamic microphone module with supercardioid polar pattern
MMK 965-1	Condenser microphone module with switchable cardioid and supercardioid polar pattern
MMD 42-1	Dynamic microphone module with omni-directional polar pattern
Neumann KK 204	Condenser microphone module with cardioid polar pattern
Neumann KK 205	Condenser microphone module with supercardioid polar pattern
MM 435	Dynamic microphone module with cardioid polar pattern
MM 445	Dynamic microphone module with supercardioid polar pattern
ME 9002	Pre-polarized condenser microphone module with omni-directional polar pattern
ME 9004	Pre-polarized condenser microphone module with cardioid polar pattern
ME 9005	Pre-polarized condenser microphone module with supercardioid polar pattern



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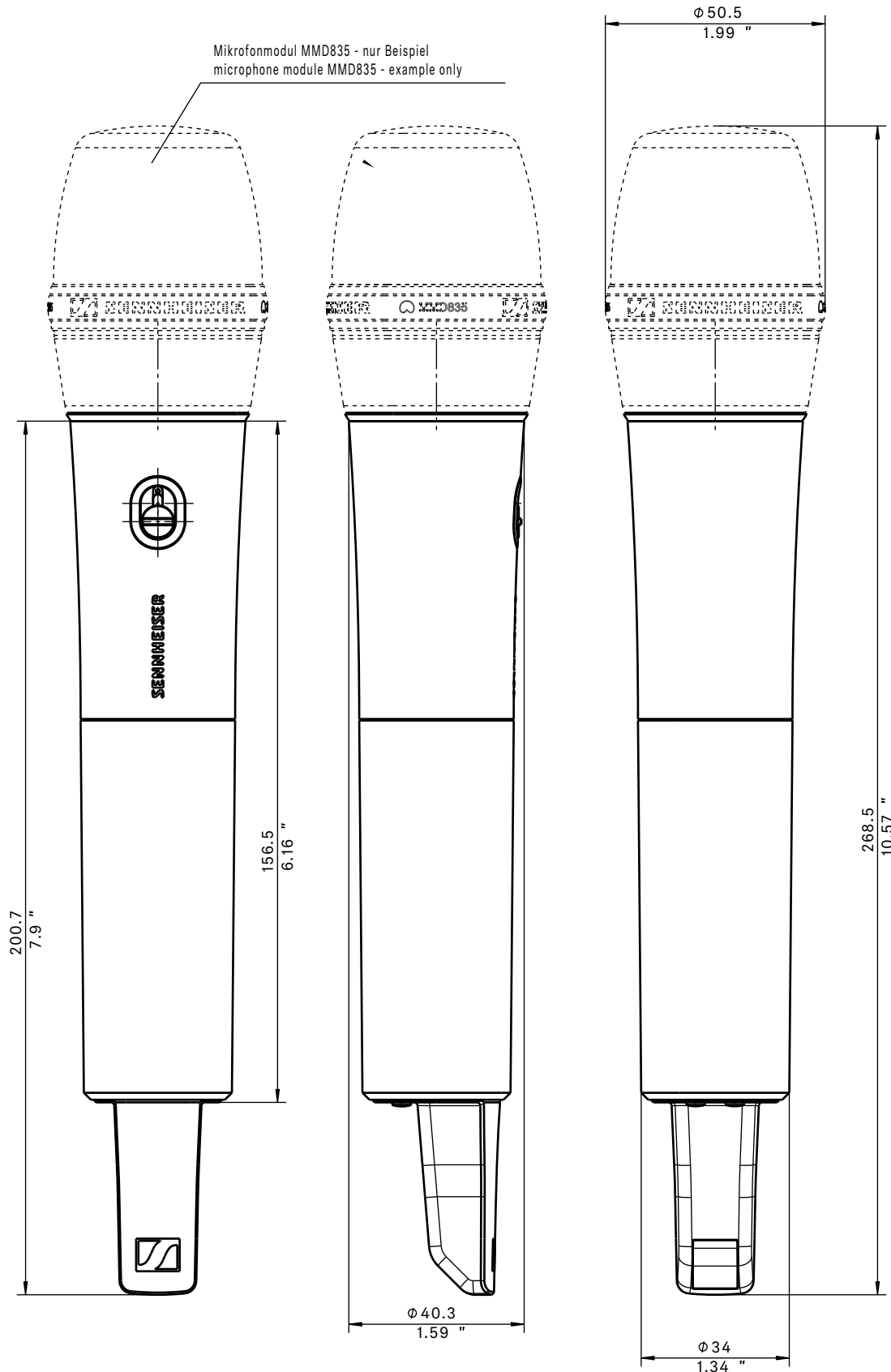
ACCESSORIES

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 (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		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



Evolution Wireless Digital EW-D SKM-S | Handheld Transmitter

DIMENSIONS





Evolution Wireless Digital EW-DP EK | Portable Receiver



Portable digital UHF receiver for use with EW-D SK bodypack, EW-D SKM-S handheld, and EW-D SKP plug-on transmitters.

FEATURES

- Fully digital UHF wireless microphone system for video applications
- Integrated Bluetooth for synchronization and control
- Smart Notifications for troubleshooting and system guidance
- Intelligent battery management provides operating time (hours:minutes)
- Extended battery life: up to 12h on transmitter, 7h on receiver
- Magnetically stackable components for versatile mounting
- Industry leading 134 dB dynamic range for distortion free transmission
- Up to 56 MHz bandwidth for flexibility in any RF environment
- Exceptionally low latency (1.9 ms)
- External charging and powering via USB-C (receiver only)
- Smart Assist app for monitor & control
- Optional plug-on transmitter features XLR & 3.5 mm inputs, +48V & recording via microSD (ENG Set or component only)

DELIVERY INCLUDES

- EW-DP EK digital portable single channel receiver
- Mounting kit (Mounting plate, cold shoe, belt clip & screws)
- BA 70 li-ion battery & (2) AA battery
- Locking 3.5 mm TRS plug to 3.5 mm TRS plug cable
- Locking 3.5 mm TRS plug to XLR plug cable
- USB-C charging cable



Evolution Wireless Digital

EW-DP EK | Portable Receiver

SPECIFICATIONS

System			EW-DP EK	
Audio link frequency ranges	Q1-6	470.2 - 526 MHz	Input voltage	~ 1.8 - 4.35 V
	R1-6	520 - 576 MHz	Input current	Typ. < 250 mA / Max. < 400 mA (BA 70) Typ. < 400 mA / Max. < 750 mA (2x AA batteries) < 300 mA@5 V (USB-C standalone)
	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	Power Supply	2x AA batteries 1.5V or BA70 rechargeable battery pack or USB-C PD power supply (max.): • 5V / 1500mA • 9V / 900mA • 12V / 700mA	
Bluetooth® Low Energy (BLE) frequency range	2402 - 2480 MHz			
Audio frequency response	20 Hz - 20 kHz (-3 dB) @ 3 dBfs		Transmit power (radiated)	BLE: max. 10 mW EIRP
Audio THD	≤ -60 dB for 1 kHz @ -3 dBfs input level		Audio output power	< 2 dBV max. (high level) / < 4dBU max (high level)
Dynamic range	134 dB		Headphone Output	< 50 mW into 16 Ohms
System latency	1.9 ms		Dimensions	86 x 67 x 28 mm (3.39" x 2.64" x 1.1")
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)		Weight (without antennas and power supply)	approx. 140g (0.31 lbs)
Relative humidity	5 - 95 % (non-condensing)			

PRODUCT VARIANTS

EW-DP EK (Q1-6)	470.2 - 526 MHz	Art. no. 700050
EW-DP EK (R1-6)	520 - 576 MHz	Art. no. 700051
EW-DP EK (R4-9)	552 - 607.8 MHz	Art. no. 700052
EW-DP EK (S1-7)	606.2 - 662 MHz	Art. no. 700053
EW-DP EK (S4-7)	630 - 662 MHz	Art. no. 700054
EW-DP EK (S7-10)	662 - 693.8 MHz	Art. no. 700055
EW-DP EK (U1/5)	823.2 - 831.8 MHz & 863.2 - 864.8 MHz	Art. no. 700056
EW-DP EK (V3-4)	925.2 - 937.3 MHz	Art. no. 700058
EW-DP EK (Y1-3)	1785.2 - 1799.8 MHz	Art. no. 700059

ACCESSORIES

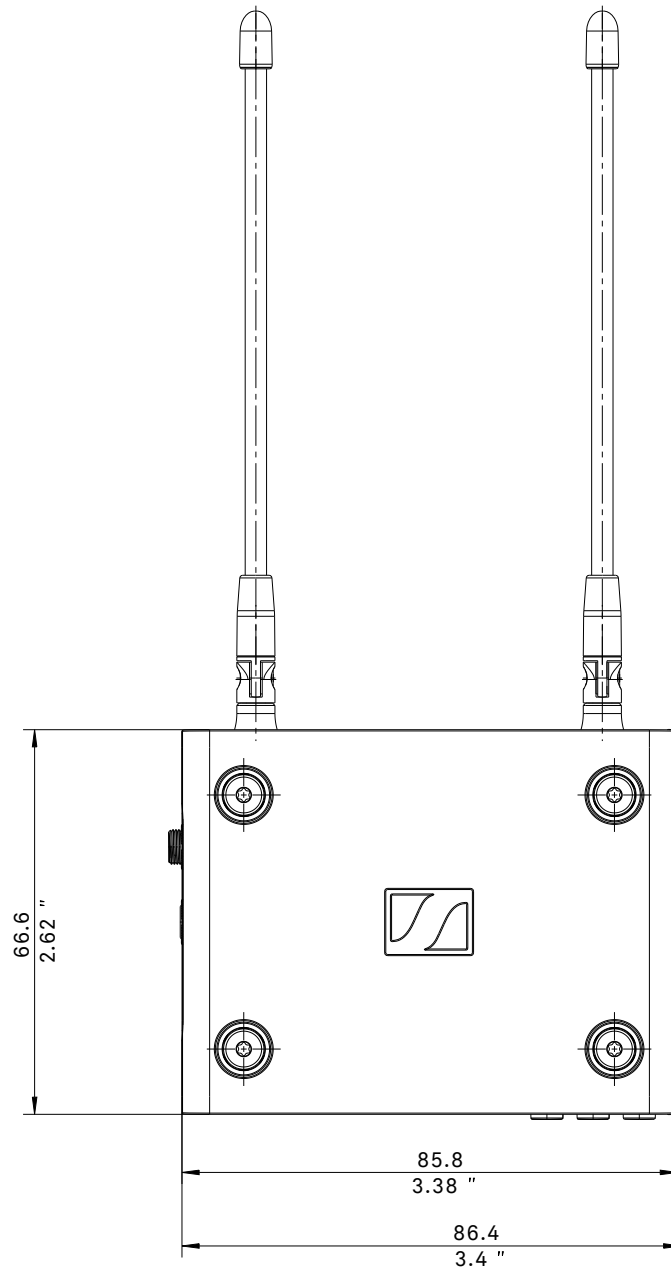
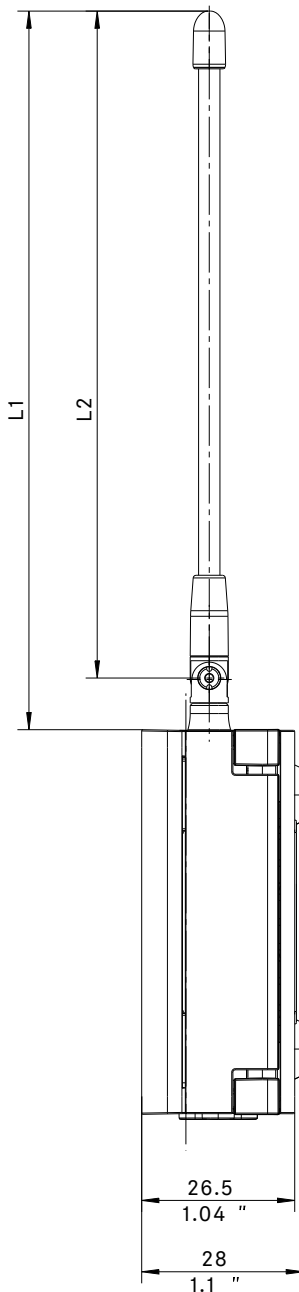
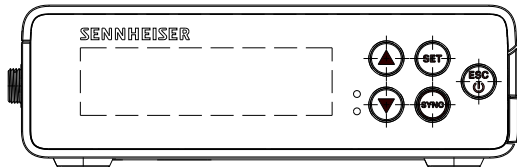
Mounting Plate Set	Mounting kit for EW-DP (Mounting plate, mounting screws, cold shoe mount, allen key, and belt clip)	Art. no. 700005
Mounting Plate	Single mounting plate	Art. no. 588188
CL35	3.5 mm to 3.5 mm TRS coiled cable	Art. no. 586365
CL35-Y	3.5 mm to dual-3.5 mm TRS coiled cable	Art. no. 700061
CL35XLR	3.5 mm to XLR plug coiled cable	Art. no. 700062
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



Evolution Wireless Digital EW-DP EK | Portable Receiver

DIMENSIONS

EW-DP EK





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DIMENSIONS

Mounting Accessories

