

The EW545 is a complete wireless system consisting of an SKM545 handheld transmitter (containing an MD845 capsule), and an EM500 rack-mountable true-diversity receiver. The EW545 is designed to give any performer both the freedom associated with wireless handheld microphones, and the confidence of rugged and robust Sennheiser RF construction.



SYSTEM FEATURES

- 1280 user selectable frequencies within a 32 MHz tuning range
- 16 preset memory locations, which can be reassigned any of the 1280 frequencies within its operational range
- Rugged handheld transmitter with dynamic super-cardioid capsule
- Rack-mountable true diversity receiver
- All metal construction on transmitter and receiver
- HDX® noise reduction for crystal clear audio
- Balanced and unbalanced audio output via XLR and ¼" TRS jack
- Channel naming for personalized operation
- 8 segment battery status graph on transmitter
- Transmitter low battery status transmitted to, and displayed on receiver
- ¼" stereo headphone jack with volume control
- Sound check mode for easy set-up

TECHNICAL SPECIFICATIONS

SYSTEM

Switchable frequencies	1280
Frequency presets	16
AF Freq. response	60 Hz – 18 KHz
Modulation type	Wideband FM
Signal to noise ratio	> 110 dB (A)
THD (1 KHz)	< 0.9%
Peak deviation	± 48 kHz
Switching bandwidth	32 MHz
Frequency Ranges	A = 518 – 550 MHz

* = NOT IN USA

SKM545 Transmitter

RF output power	30 mW
Power supply	9 V alkaline
Operating time	** 6 to 8 hours
Max power consumption	≤ 60 mA
Dimensions	∅ 50 x 225 mm
Weight	450 g (approx)
** = NOTE	With high quality alkaline battery

EM500 Receiver

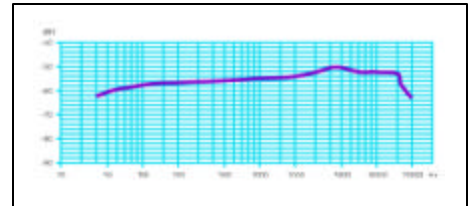
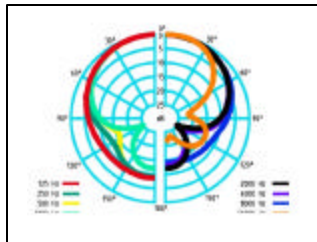
Receiver type	True Diversity
Antenna inputs	2 BNC jacks, 50 Ω
Audio outputs	XLR and ¼" TRS
Max audio output level	+10 dBu (balanced) +4 dBu (unbalanced)
Power supply	10.5 – 16 V DC
Dimensions	212 x 145 x 38 mm
Weight	1,100 g (approx)

B = 630 – 662 MHz C = 740 – 772 MHz

D* = 790 – 822 MHz E* = 838 – 870 MHz

MD845 Capsule

Transducer Principal	Dynamic
Pickup pattern	Super-cardioid
Frequency response	45 Hz – 16 KHz
Sensitivity	1 mV/Pa
Sound pressure	154 dB SPL



DELIVERY INCLUDES

SKM545 Handheld transmitter w/clip / **EM500** Rack-mountable true diversity receiver / **2** telescoping **antennas** for EM500 / **Power supply** for EM500 / **Owners manual**

RECOMMENDED ACCESSORIES

MZW1 foam windscreen / **KEN1** Assorted colored end-cap identifiers / **GA1** Rack mount kit / **AM1** front-mount antenna kit / **CC1-EW** Foam lined carrying case / **ASP1/NT1** Antenna splitter for multi-channel set-ups