

The EW512 is a complete wireless system consisting of an SK500 bodypack transmitter, an ME2 omnidirectional lavalier microphone (with clip and windscreen), and an EM500 rack-mountable true-diversity receiver. The EW512 is designed to give any performer both the freedom associated with wireless lavalier 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 bodypack transmitter
- Rack-mountable true diversity receiver
- High quality ME2 omnidirectional microphone
- 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

#### SK500 Transmitter

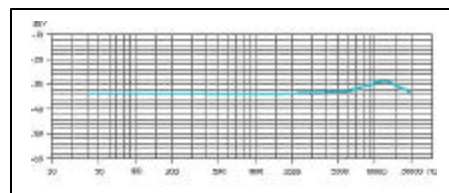
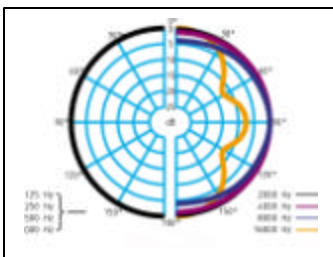
RF output power	30 mW
Max input voltage	Mic = 1.8 Vrms Line = 2.4 Vrms
Power supply	9 V alkaline
Operating time	** 6 to 8 hours
Dimensions	110 x 65 x 22 mm
Weight	255 g (approx)
** = NOTE	With high quality alkaline battery
	B = 630 – 662 MHz
	C = 740 – 772 MHz

#### 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)
	D* = 790 – 822 MHz
	E* = 838 – 870 MHz

#### ME2 Lavalier

Transducer Principal	Electret condenser
Pickup pattern	Omnidirectional
Frequency response	45 Hz – 20 KHz
Sensitivity	20 mV/Pa
Sound pressure	130 dB SPL



### DELIVERY INCLUDES

**SK500** Bodypack transmitter w/antenna / **ME2** Omnidirectional lavalier microphone / **EM500** Rack-mountable true diversity receiver  
**2** telescoping antennas for EM500 / **Power supply** for EM500 / **Owners manual**

### RECOMMENDED ACCESSORIES

**GA1** Rack mount kit / **AM1** front-mount antenna kit / **CC1-EW** Foam lined carrying case / **ASP1/NT1** Antenna splitter for multi-channel set-ups