# SENNHEISER®

## evolution wireless

# EW112

The EW112 is a complete wireless system consisting of an SK100 bodypack transmitter, an ME2 omnidirectional lavalier microphone (with clip and windscreen), and an EM100 rack-mountable true-diversity receiver. The EW112 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
- 4 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 ¼' TRS jack

## TECHNICAL SPECIFICATIONS

### SYSTEM

| | |
|---|---|
| Switchable frequencies | 1280 |
| Frequency presets | 4 |
| 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

### SK100 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 |

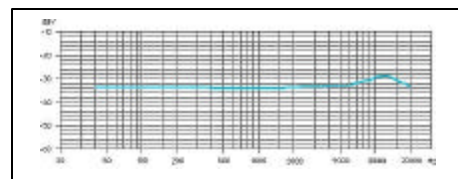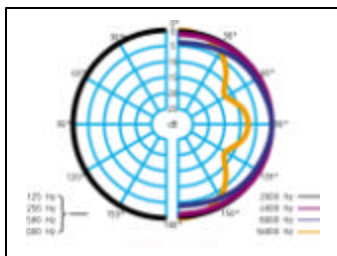B = 630 – 662 MHz

### EM100 Receiver

| | |
|---|---|
| Receiver type | True Diversity |
| Antenna inputs | 2 BNC jacks, 50 Ω |
| Audio outputs | 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) |

C = 740 – 772 MHz          D* = 790 – 822 MHz          E* = 838 – 870 MHz

### ME2 Lavalier

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





## DELIVERY INCLUDES
**SK100** Bodypack transmitter w/antenna & battery / **ME2** Omnidirectional lavalier microphone / **EM100** Rack-mountable true diversity receiver **2** telescoping **antennas** for EM100 / **Power supply** for EM100 / **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