

The EW322/335 is a complete wireless COMBO system consisting of an SK300 bodypack transmitter, an ME4 cardioid lavalier microphone (with clip and windscreen), an SKM335 handheld transmitter and an EM300 rack-mountable true-diversity receiver. Also included are the GA1 and AM1 mounting hardware kits. The EW322/335 is designed to give any performer both the freedom associated with wireless lavalier and microphones, the option of using the handheld transmitter, and the confidence of rugged and robust Sennheiser RF construction.



## SYSTEM FEATURES

- 1280 user selectable frequencies within a 32 MHz tuning range
- 8 preset memory locations, which can be reassigned any of the 1280 frequencies within its operational range
- Rugged bodypack transmitter
- Handheld transmitter with dynamic capsule
- Rack-mountable true diversity receiver
- High quality ME4 cardioid 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 (1) for personalized operation
- 8 segment battery status graph on transmitter

## TECHNICAL SPECIFICATIONS

SYSTEM		SK300 Transmitter		EM300 Receiver	
Switchable frequencies	1280	RF output power	30 mW	Receiver type	True Diversity
Frequency presets	8	Max input voltage	Mic = 1.8 Vrms Line = 2.4 Vrms	Antenna inputs	2 BNC jacks, 50 Ω
AF Freq. response	60 Hz – 18 KHz	Power supply	9 V alkaline	Audio outputs	XLR and ¼" TRS
Modulation type	Wideband FM	Operating time	** 6 to 8 hours	Max audio output level	+10 dBu (balanced) +4 dBu (unbalanced)
Signal to noise ratio	> 110 dB (A)	Dimensions	110 x 65 x 22 mm	Power supply	10.5 – 16 V DC
THD (1 KHz)	< 0.9%	Weight	255 g (approx)	Dimensions	212 x 145 x 38 mm
Peak deviation	± 48 kHz	** = NOTE	With high quality alkaline battery	Weight	1,100 g (approx)
Switching bandwidth	32 MHz				
Frequency Ranges	A = 518 – 550 MHz	B = 630 – 662 MHz	C = 740 – 772 MHz	D* = 790 – 822 MHz	E* = 838 – 870 MHz

\* = NOT IN USA

### SKM335 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

## RECOMMENDED ACCESSORIES

**KEN1** Assorted colored end-cap identifiers

**CC1-EW** Foam lined carrying case

**ASP1/NT1** Antenna splitter for multi-channel set-ups

## DELIVERY INCLUDES

**SKM335** Handheld transmitter w/dynamic capsule

**SK300** Bodypack transmitter w/antenna

**ME4** Cardioid lavalier microphone

**EM300** Rack-mountable true diversity receiver

**MZQ1** Clip for SKM365

**2** telescoping **antennas** for EM300

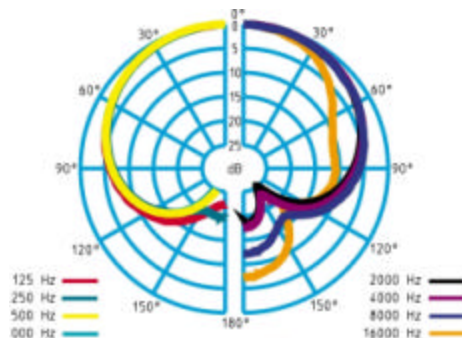
**GA1** Rack mount kit for receiver

**AM1** Kit for front mounting antennas

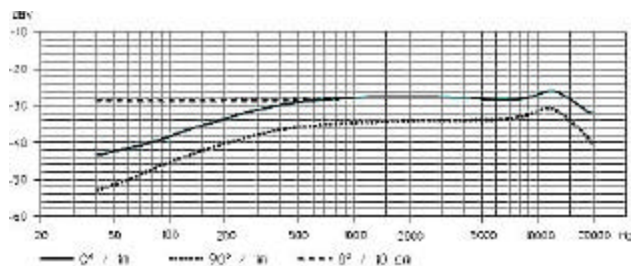
**Power supply** for EM300

**Owners manual**

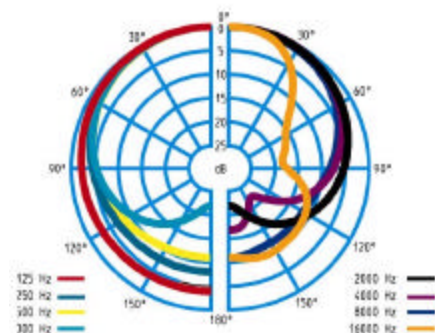
### ME4 Cardioid Lavalier



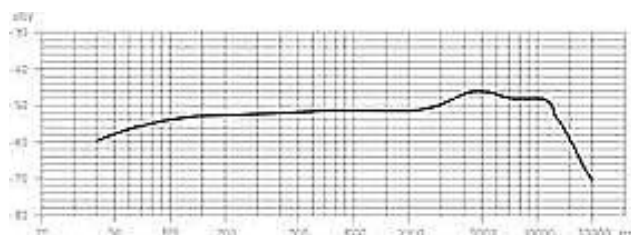
Transducer Principal	Electret condenser
Pickup pattern	Cardioid
Frequency response	45 Hz – 20 KHz
Sensitivity	40 mV/Pa
Sound pressure	120 dB SPL



### MD835 Dynamic Cardioid Capsule



Transducer Principal	Dynamic
Pickup pattern	Cardioid
Frequency response	45 Hz – 16 KHz
Sensitivity	1.5 mV/Pa
Sound pressure	150 dB SPL



### Architects Specifications

The system shall be frequency agile with a tuning bandwidth of 32 MHz. The system shall be capable of tuning to any of 1280 frequencies in 25 KHz increments. The system shall contain a combination of a lightweight and rugged bodypack transmitter and a handheld transmitter with dynamic cardioid capsule characteristics, both made of solid metal housings. The system shall contain an all-metal, rack mountable true diversity receiver. The lavalier microphone shall have an electret condenser element, cardioid in polar pattern. The combination system shall contain standard 19" rack mount hardware. The system shall provide the means to mount antennas on the front of a standard 19" audio rack. The combination system shall be the EW322/335.