

## G2 300 Series

**evolution**wireless **G2**



When Sennheiser evolutionized the world of performance wireless microphones with our original evolution series, we introduced startling new technology and innovative design. Now, we are again pushing the limits of performance, audio quality, ruggedness and ease of use. We've redesigned the evolution series from the inside out for G2. With features such as much smaller body packs, larger backlit LCD displays, AutoScan® function on all receivers, 36Mhz switching bandwidth, and the most intuitive user interfaces available, evolution G2 is the most advanced, best sounding, easy-to-use, road-worthy wireless microphone system available today.

### Evolution Wireless G2 300 Series

For increased flexibility and power, the 300 Series is an excellent choice. It gives you eight switchable presets (reprogrammable to any of the 1440 available frequencies), peak-hold level and battery meter status indicators, and variable-level balanced XLR and unbalanced TS 1/4" connectors. In addition, an alphanumeric name can be assigned to the receiver.



### Accessories

Carrying case for complete systems	CC 2-EW	Cat. No. 09826
Microphone clamp for SKM	MZQ 1	Cat. No. 76670
Windshield for SKM	MZW 1	Cat. No. 04839
Line input cable for SK 300	CL 2	Cat. No. 04840
Guitar cable for SK300 G2	CI 1	Cat. No. 79901
Antenna boosters		
518-554 MHz	AB2-A	Cat. No. 09817
626-662 MHz	AB2-B	Cat. No. 9818
740-776 MHz	AB2-C	Cat. No. 09819
786-822 MHz	AB2-D	Cat. No. 09820
830-866 MHz	AB2-E	Cat. No. 09821
Antenna splitter	ASP2	Cat. No. 09824
Antenna mount	AM2	Cat. No. 09912
Camera mount adaptor	CA2	Cat. No. 09986

### System Overview G2 ew 300


Every system includes the EM 300 G2 rack-mount receiver and GA 2 rack-mounting kit

+ SKM300 G2 hand-held transmitter    Set ew 335 G2



+ MD835 dynamic microphone module, cardioid

+ SKM300 G2 hand-held transmitter    Set ew 345 G2



+ MD845 dynamic microphone module, super-cardioid

+ SKM300 G2 hand-held transmitter    Set ew 365 G2




+ MD865 condenser microphone module, super-cardioid

+ SKM300 G2 bodypack transmitter    Set ew 312 G2




+ ME2 clip-on microphone, omni-directional

+ SK300 bodypack transmitter    Set ew 322 G2




+ ME4 clip-on microphone, cardioid

+ SK300 bodypack transmitter    Set ew 352P G2



+ ME3 headmic, super-cardioid

+ SK300 bodypack transmitter    Set ew 372 G2



+ CI 1 guitar cable

## G2 300 Series

### System

<b>Technical Data</b>	
Modulation	wideband FM
Frequency ranges	A: 518-554, B: 626-662, C: 740-776, D: 786-822 E: 830-866 MHz
Tuneable frequencies	1440
Frequency presets	8
Switching bandwidth	36 MHz
Peak deviation	+/- 48 kHz
Compander system	HDX
AF frequency response	40 - 18,000 Hz
Signal-to-noise ratio	>112 dB (A)
THD (1kDz)	<0.9%
Dimensions system case	15 1/2" x 15" x 2 3/4"
Weight system case	approx. 6.6 lbs
In compliance with	ETS 300422, ETS 300445, CE, FCC

### Receiver

<b>Technical Data</b>	<b>EM300 G2</b>
Receiver type	mains receiver
Receiver principle	true diversity
Antennas inputs	2 BNC sockets, 50 Ω
AF output level	1/4" (6.3 mm) jack socket, XLR - 3F
Max. output level	balanced: + 10 dBu unbalanced: + 4 dBu
Headphone output	-
Level adjustment	-
Power supply	10.5-16 V DC via plug-in mains unit
Operating time	-
Dimensions	8 5/8" x 6" x 1 1/2"
Weight	approx. 2.4 lbs

### Transmitters

Technical Data	SKM 300	SK 300
Transmitter type	hand-held transmitter	pocket transmitter
RF output power	typ. 30 mW	typ. 30 mW
Power supply	2 x AA batteries	2 x AA batteries
Operating time	> 8 hours	> 8 hours
Max. input voltage	-	mic 1.8 Vrms, line 2.4 Vrms
Phantom powering	-	-
Dimensions	∅ 2", l = 9 1/4"	3 3/8" x 2 5/8" x 1"
Weight	approx. 1 lb	approx. 5.5 oz

### Microphones for SK 300 pocket transmitter

Technical Data	ME 2	ME 4	ME 3 headworn mic	MKE2-EW Gold
Transducer	electret condenser	electret condenser	electret condenser	electret condenser
Sensitivity	20 mV/Pa	40 mV/Pa	1.6 mV/Pa	5 mV/Pa
mAX. spl	130 dB	120 dB	150 dB	150 dB
Pick-up pattern	omni	cardioid	super-cardioid	omni

### Microphone heads for SKM 300 hand-held transmitter

Technical Data	MD 835	MD 845	ME 865	MMD 935
Transducer	dynamic	dynamic	electret condenser	dynamic
Sensitivity	1.5 mV/Pa	1 mV/Pa	3 mV/Pa	2 mV/Pa
Max. SPL	150 dB	154 dB	144 dB	154 dB
Pick-up pattern	cardioid	super-cardioid	super-cardioid	cardioid