

G2 100 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 100 Series

Simply the best, most affordable way to get professional caliber UHF wireless. The amazing 100 Series is perfect for any musical style, and offers four switchable presets (reprogrammable to any of the 1440 available frequencies), a true diversity receiver for stable, high-quality transmission, and—unlike other wireless systems at this price—high-quality metal construction that will stand up to the rigors of life on the road. The system features variable-level 1/4" unbalanced TS and XLR balanced connectors.



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 100 | CL 2 | Cat. No. 04840 |
| Guitar cable for SK100 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 |
| 19" rack adaptor | GA2 | Cat. No. 09823 |
| Camera mount adaptor | CA2 | Cat. No. 09986 |

System Overview G2 ew 100

Every system is available with either the EM100 G2 rack-mount receiver or the EK100* portable receiver (*Systems with portable receiver are designated with the letter "p" in their model number)

+ SKM100 G2 hand-held transmitter Set ew 135 G2

+ MD835 dynamic microphone module, cardioid Set ew 135P G2

+ SKM100 G2 hand-held transmitter Set ew 145 G2

+ MD845 dynamic microphone module, super-cardioid

+ SKM100 G2 hand-held transmitter Set ew 165 G2

+ MD865 dynamic microphone module, super-cardioid

+ SKM100 G2 plug-on transmitter for wired microphones Set ew 100ENG G2

+ SK100 G2

+ ME2 clip-on microphone, omni-directional

+ SK100 bodypack transmitter Set ew 112 G2

+ ME2 clip-on microphone, omni-directional Set ew 112P G2

+ SK100 bodypack transmitter Set ew 122P G2

+ ME2 clip-on microphone, cardioid Set ew 122P G2

+ SK100 bodypack transmitter Set ew 152 G2

+ ME3 headmic, super-cardioid

+ SK100 bodypack transmitter Set ew 172 G2

+ CI 1 guitar cable

G2 100 Series

System

Technical Data

| | |
|------------------------|---|
| 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 | 4 |
| Switching bandwidth | 36 MHz |
| Peak deviation | +/- 48 kHz |
| Compander system | HDX |
| AF frequency response | 40 - 18,000 Hz |
| Signal-to-noise ratio | >110 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 |

Transmitters

Technical Data

| | SKM 100 | SK 100 | SKP 100 |
|--------------------|-----------------------|-----------------------------|--------------------------|
| Transmitter type | hand-held transmitter | pocket transmitter | plug-on transmitter |
| RF output power | typ. 30 mW | typ. 30 mW | typ. 30 mW |
| Power supply | 2 x AA batteries | 2 x AA batteries | 2 x AA batteries |
| Operating time | > 8 hours | > 8 hours | > 8 hours |
| Max. input voltage | - | mic 1.8 Vrms, line 2.4 Vrms | 2.9 Vrms |
| Phantom powering | - | - | no |
| Dimensions | Ø 2", l = 9 1/4" | 3 3/8" x 2 5/8" x 1" | 4 1/4" x 1 3/4" x 1 3/4" |
| Weight | approx. 1 lb | approx. 5.5 oz | approx. 7 oz |

Microphones for SK 100 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 100 hand-held transmitter

Technical Data

| | MD835 | 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 |

G2 100 Series

Receiver

| Technical Data | EM 100 | EK 100 |
|--------------------|---|----------------------|
| Receiver type | rack mount receiver | portable receiver |
| Receiver principle | true diversity | non-diversity |
| Antennas inputs | 2 BNC sockets, 50 Ω | - |
| AF output level | XLR and 1/4" (6.3 mm) jack sockets | 3 1/2mm jack socket |
| Max. output level | balanced: + 10 dBu unbalanced: + 4 dBu | unbalanced: + 10 dBu |
| Headphone output | - | - |
| Level adjustment | - | - |
| Power supply | 10.5-16 V DC via plug-in mains unit | 2 x AA battery |
| Operating time | - | 6 - 8 hours |
| Dimensions | 8 5/8" x 6" x 1 1/2" | 3 3/8" x 2 5/8" x 1" |
| Weight | approx. 2.4 lbs | approx. 5.5 oz |