evolution wireless G3

Wireless Microphone Systems

- True Diversity Reception for more reliable RF performance, new Adaptive Diversity for portable systems and in-ear monitor systems
- 3 UHF frequency ranges (A, B, G)
- 42 MHz switching bandwidth for up to 1,680 switchable UHF frequencies per frequency range
- Transmitters and receivers can be wirelessly synchronized via the receiver’s infrared interface
- Frequency management function helps find and use more frequencies
- Sound equalizer for precise shaping of the sound
- Soundcheck Mode continuously displays the RF and audio levels
- Increased gain ranges for transmitters and receivers
- Enhanced, intuitive user menus (‘User’ & ‘Advanced’ levels)

300 Series G3 Sets
- 20 pre-coordinated frequency banks and 6 user banks with up to 24 compatible frequencies per bank
- Audio range now extends down to 25 Hz—perfect for bass players!
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500 Series G3 Sets
- 20 pre-coordinated frequency banks and 6 user banks with up to 32 compatible frequencies per bank
- Vocal Sets include microphone capsules from Sennheiser’s highly successful evolution 900 series line standard
- ew 512 G3 Presentation Set includes Sennheiser’s industry-standard MKE 2-ew Gold lavalier microphone
- ew 572 G3 Instrument Set features a built-in guitar tuner plus guitar cable emulator, which ensures a wireless guitar sounds like a corded one

ew G3 100 Series LE Sets:
- A2 = Frequency range 518 – 554 MHz
- B2 = Frequency range 626 – 662 MHz
- Frequency response extends down to 25 Hz to accommodate bass guitars
- Unique guitar cable emulator simulates various lengths of cable to model the capacitance effect of wired cables
- Integrated equalizer allows users to sculpt sound to their liking
- Soundcheck Mode continuously checks the RF and audio levels during the show or presentation
- Audio sensitivity is adjustable within a wider range: 48 dB for the handheld transmitter and the receiver, and 60 dB for the bodypack transmitter

100 Series G3 Sets
- 20 pre-coordinated frequency banks and 1 user bank with up to 12 compatible frequencies per bank (100 LE Series with up to 6 compatible frequencies per bank)
- Frequency response extends down to 25 Hz to accommodate bass guitars
- Unique guitar cable emulator simulates various lengths of cable to model the capacitance effect of wired cables
- Integrated equalizer allows users to sculpt sound to their liking
- Soundcheck Mode continuously checks the RF and audio levels during the show or presentation
- Audio sensitivity is adjustable within a wider range: 48 dB for the handheld transmitter and the receiver, and 60 dB for the bodypack transmitter

evolution wireless G3 Sets:
Please refer to the following notes when ordering evolution wireless G3:
A = Frequency range 516 – 558 MHz
B = Frequency range 626 – 668 MHz
G = Frequency range 566 – 608 MHz

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300 Series G3 Wireless Monitor System
- Wider audio frequency response (25-15,000 Hz) provides artists with an even more precise and life-like monitor signal
- Adaptive Diversity reception allows the earphone cable to function as a second antenna; this prevents dropouts for even more reliable RF reception
- Switchable multi-channel limiter protects artists’ hearing from excessive volumes and volume peaks
- Hi Boost function emphasizes the treble range of the earphones when extra clarity is required

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Multi-Channel Wireless System Design

Four Channel Wireless System
(4 Handheld Systems)

<table>
<thead>
<tr>
<th>Qty</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>ew335G3</td>
<td>Handheld Systems w/MMD 835-1 capsules</td>
</tr>
<tr>
<td>1</td>
<td>G3FrontKit4</td>
<td>Active splitter kit for four receiver system using front-mount antennas, includes ASA1/NT, GA3, AM2</td>
</tr>
</tbody>
</table>
Multi-Channel Wireless System Design

Single Channel Wireless Monitor System
(1 ew300IEMG3 system, for a single stage mix.
NOTE: additional EK300 receivers may be added as needed to monitor the same mix.)

<table>
<thead>
<tr>
<th>Qty</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ew300IEMG3</td>
<td>Wireless monitor system with rack mountable transmitter, GA3 rack mount kit, bodypack receiver and IE4 earbuds</td>
</tr>
</tbody>
</table>

Four Channel Wireless Monitor System
(4 ew300IEMG3 systems)

<table>
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</tr>
</thead>
<tbody>
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<td>ew300IEMG3</td>
<td>Wireless monitor system with rack mountable transmitter, GA3 rack mount kit, bodypack receiver and IE4 earbuds</td>
</tr>
<tr>
<td>1</td>
<td>G3IEMDirKit4</td>
<td>Active combiner kit for four IEM transmitters with DC power distribution, includes AC3/NT, GA3, A2003-UHF</td>
</tr>
</tbody>
</table>

Note: Various Lengths of RF cable available for antenna run (sold separately)

Pro Tip:
The AC3 has four (4) status LEDs on the front panel to indicate that power is being distributed to the connected SR300G3. Connect the included BNC cables as shown above to quickly diagnosis any potential power issues with your equipment and immediately identify the problematic rack position.
Multi-Channel Wireless System Design

Eight Channel Wireless System
(4 Handheld Systems and 4 Lavalier Systems)

<table>
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<tr>
<th>Qty</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>ew365 G3</td>
<td>Handheld Systems w/MME865-1 capsules</td>
</tr>
<tr>
<td>4</td>
<td>ew312 G3</td>
<td>Lavalier Systems w/ME2 capsules</td>
</tr>
<tr>
<td>1</td>
<td>G3OmniKit8</td>
<td>Active splitter kit for eight receiver system using omni-directional remote paddle antennas, includes two (2) ASA1/NT, two (2) A1031-U, GA3, two (2) BB1</td>
</tr>
</tbody>
</table>

Note: Various Lengths of RF cable available for antenna run (sold separately)

*AB3 boosters may be used to compensate for RF loss associated with long cable runs.
ME102/104/105 Lavaliers

ME102/104/105 Modular Lavalier System Components

Steel Mesh Windscreens

Microphone capsules

Connecting cables

Accessories

ME 102, omni-directional
ME 104, cardioid
ME 105, super-cardioid

KA 100-ew (evolution wireless)
KA 100 S-ew (evolution wireless)

KA 100-P (phantom powering 12–48 V)
KA 100-4 (SK 50, SK 250, SK 5012, SK 2000)
KA 100-S-4 (SK 50, SK 250, SK 5012, SK 2000)
KA 100 S-P (phantom powering 12–48 V)
KA 100 S-60 (K6/K8P)
KA 100 S-P (phantom powering 12–48 V)
KA 100 S-5' (open-ended cable)
KA 100 S-5' (open-ended cable)

KA 100-ew (evolution wireless)
KA 100-ew (evolution wireless)

MZQ 100-ANT
Clip with cable routing, for right-angled plugs only

ZH 100
Pin mount (“Dracula” clip)

MZQ222
Crocodile clip