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# EG-Konformitätserklärung

## EC Declaration of Conformity

Sennheiser electronic GmbH & Co. KG
Am Labor 1
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erklärt in alleiniger Verantwortung, dass das Produkt:
declare under sole responsibility that the product:

Model: **Wireless Microphone Systems**

**evolution wireless Generation 3 (ewG3) ew100 G3, ew300 G3, ew500 G3**

mit den zugehörigen Komponenten
with the included components

| | | |
|---|---|---|
| Diversity Receivers | EM | 100 G3 / 300 G3/ 500 G3 |
| Bodypack Transmitters | SK | 100 G3 / 300 G3/ 500 G3 with various |
| Microphones | | ME2, ME4, ME3, MKE2, MKE40 |
| Handheld Transmitters | SKM | 100 G3 / 300 G3 / 500 G3 with various |
| Microphone Capsules | | MMD835-1, MMD845-1, MME865-1, |
| | | MMD935-1, MMD945-1, MMK965-1 |
| Bodypack Receiver | EK | 100 G3 |
| Antenna Splitter | ASA 1 | |
| Antenna Booster | AB 3 | |
| External Mute Switch | RMS 1 | |
| Power Supply | NT1-1, NT2-3 | |

und alle im Anhang aufgeführten Varianten mit den Bestimmungen der nachstehenden EG-Richtlinie(n) (einschließlich aller zutreffenden Änderungen) übereinstimmen; und unter Anwendung der harmonisierten Normen entwickelt, konstruiert und gefertigt worden sind.

and all variations specified in the annex are in conformity with the provisions of the following EC directive(s) (including all applicable amendments); and are designed and manufactured with application of the harmonized standards.

**Qualitätszusicherung:** Der Herstellerbetrieb ist nach ISO 9001 : 2008 zertifiziert
**Quality Assurance:** The product is produced by a manufacturing organisation on ISO 9001 : 2008 level

CE was at first applied: 2009

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Wedemark, 2010-09-22

Dr. Heinrich Esser
President R & D

## Variants:

All devices are distributed as individual products or in various combinations as a Set packaging. The transmitters in combination with the different microphones and the receivers are available in the following frequency ranges:

**A**: 516MHz - 558 MHz, **G**: 566MHz - 608MHz, **GB**: 606MHz – 648MHz, **GB2**: 606MHz – 642MHz, **B**: 626MHz - 668MHz, **C**: 734MHz - 776MHz, **D**: 780MHz - 822MHz, **E**: 823MHz - 866MHz and **E2**: 829MHz – 865 MHz

All devices carry the **CE mark** (except for very small clip-on microphones). In addition the transmitters carry the number of the Notified Body Cetecom **0682** and the alert symbol ⓘ .

## Used directives and standards:

| The devices: **SK100G3, SK300G3, SK500G3, SKM100G3, SKM300G3, SKM500G3, EM100G3, EM300G3, EM500G3, EK100G3, ASA1, AB3, RMS1, MMD835-1, MMD845-1, MME865-1, MMD935-1, MMD945-1, MMK965-1, ME2, ME4, ME3_ew, MKE2 and MKE40** comply with the following: | | | | |
|---|---|---|---|---|
| No. | Document | Short description | Issued / Version | Id. No. |
| 100 | RL 1999/05/EG | **R&TTE directive 1999/05/EC** | 1999 | 528288 |
| | | **Radio spectrum**<br>Corresponding at article 3.2 of R&TTE | | |
| | ETSI EN 300 422 | Electromagnetic compatibility and Radio spectrum Matters (ERM). Wireless microphones in the 25 MHz to 3 GHz frequency range | | |
| 110 | ETSI EN 300422-1 | Technical characteristics and test methods | V1.3.2 (2008-03) | 532050 |
| 111 | ETSI EN 300422-2 | Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | V1.2.2 (2008-03) | 528289 |
| | | **Electromagnetic compatibility**<br>Corresponding article 3.1.b of R&TTE | | |
| | ETSI EN 301 489 | Electromagnetic compatibility and Radio spectrum Matters (ERM) Electro Magnetic Compatibility (EMC) standard for radio equipment and services. | | |
| 190 | ETSI EN 301 489-1 | Common technical requirements | V1.8.1 (2008-04) | 532061 |
| 192 | ETSI EN 301 489-9 | Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices | V1.4.1 (2007-11) | 532063 |
| | | **Safety & Health**<br>Corresponding article 3.1.a of R&TTE | | |
| 240 | EN 60065 | Audio, video and similar electronic apparatus - Safety requirements | 2002 & Amd.1: 2006 | 532071 |
| 280 | EN 62311 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0Hz - 300GHz) | 2008-05 | 532039 |

| The devices: **NT1-1, NT2-3** comply with the following: | | | | |
|---|---|---|---|---|
| No. | Document | Short description | Issued / Version | Id. No. |
| 300 | RL 2006/95/EG | **Low Voltage directive 2006/95/EC** | 2006- | 532047 |
| 310 | EN 60065 | Audio, video and similar electronic apparatus - Safety requirements | 2002 & Amd.1: 2006 | 532071 |
| 500 | RL 2004/108/EG | **EMC directive 2004/108/EC** | 2004-05 | 532083 |
| 530 | EN 55022 | Information technology equipment<br>- Radio disturbance characteristics Limits and methods of measurement | 2006 | 532067 |
| 570 | EN 55024 | Information technology equipment - Immunity characteristics Limits and methods of measurement | 1998 | 532070 |
| | EN 55014 | Electromagnetic compatibility, Product family standard - Requirements for household appliances, electric tools and similar apparatus | | |
| 620 | EN 55014-1 | Emission | 2006 | 532097 |
| 621 | EN 55014-2 | Immunity (CISPR 14-2:1997) | 1997 | 532098 |
| 750 | RL 2005/32/EG | **EuP directive 2005/32/EC** (energy efficiency) | 2005 | 540088 |
| 755 | No. 278/2009 | EU-Regulation for External Power Supplies (EPS) | 2009-04 | 540089 |