



EU-Konformitätserklärung EU Declaration of Conformity

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erklärt in alleiniger Verantwortung, dass das Produkt:
declares under the sole responsibility that the product:

Model: Wireless Microphone System
Model No: evolution wireless G4 (ewG4) including the
ew 100 G4 series, the ew 300 G4 series and the ew 500 G4 series

mit den zugehörigen Komponenten
with the included components

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|------------------------|--|
| Diversity Receivers: | EM 100 G4, EM 300-500 G4 |
| Bodypack Transmitters: | SK 100 G4, SK 300 G4, SK 500 G4 with various |
| Microphones: | ME 2-II, ME 4, ME 3-II, MKE 2, SL Headmic 1 |
| Handheld Transmitters: | SKM 100 G4, SKM 100 S G4, SKM 300 G4, SKM 500 G4 with various |
| Microphone Capsules: | MMD 835-1, MMD 845-1, MME 865-1, MMD 935-1, MMD 945-1, MM K965-1 |
| Plug On Transmitters: | SKP 100 G4, SKP 500 G4 |
| Bodypack Receiver: | EK 100 G4, EK 500 G4 |
| External Mute Switch | RMS 1 |
| Power Supply | NT 2-3 CW, NT 12-5CW |

und alle im Anhang aufgeführten Varianten mit den Bestimmungen der nachstehenden EU-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 EU directive(s) (including all applicable amendments); and are designed and manufactured with application of the harmonized standards.

Qualitätszusicherung: Der Herstellerbetrieb ist nach ISO 9001 zertifiziert

Quality Assurance: The manufacturing organisation is certified according to ISO 9001

CE was at first applied: 2018

Die Historie dieses Dokuments befindet sich auf der letzten Seite
The history of this document is listed on the last page

Wedemark, 2018-03-15



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All devices are distributed as individual products or in various combinations as a Set packaging.

The transmitters in combination with the different microphones and receivers are available in the following frequency ranges:

ewG4 100 series

A1: 470–516 MHz, **A:** 516–558 MHz, **AS:** 520–558 MHz, **G:** 566-608 MHz, **GB:** 606-648 MHz, **B:** 626-668 MHz, **C:** 737-776 MHz, **D:** 780-822 MHz and **E:** 823-865 MHz

ewG4 300 series and ewG4 500 series

Aw+: 470-558 MHz, **AS:** 520-558 MHz, **Gw1:** 558-608 MHz, **Gw:** 558-626 MHz, **GBw:** 606-678 MHz, **Bw:** 626-698 MHz, **Cw:** 718-790 MHz and **Dw:** 790-865 MHz

Below listed devices comply with the Radio Equipment Directive 2014/53/EU (RED) and carry the CE mark (except for very small clip-on microphones).

The applied conformity assessment procedure is relating to Article 17(4) and Annex III of the Radio Equipment Directive 2014/53/EU. The EU-type examination - no. T818300F-01-TEC- was performed by the notified Body CTC advanced GmbH (0682).

Overview about the Soft- and Hardware revisions of the relevant radio equipment:

| Device | Software revision | Hardware revision |
|--------------------------------------|--------------------------|--------------------------|
| SK 100, SK 300, SK 500 | 1.1.0 | RF: 527283 |
| SKM 100, SKM 100 S, SKM 300, SKM 500 | 1.1.0 | RF: 541933 |
| SKP 100, SKP 500 | 1.1.0 | RF: 529943 |
| EM 100 | 1.1.0 | RF & Main: 578542 |
| EM 300-500 | 1.1.0 | RF: 528914 |
| EK 100, EK 500 | 1.1.0 | RF & Main: 529464 |

Applied directives and standards:

| The devices: SK 100 G4, SK 300 G4, SK 500 G4, SKM 100 G4, SKM 100 S G4, SKM 300 G4, SKM 500 G4, EM 100 G4, EM 300-500 G4, EK 100 G4, EK 500 G4, RMS 1, MMD 835-1, MMD 845-1, MME 865-1, MMD 935-1, MMD 945-1, MMK 965-1, ME 2-II, ME 3-II, ME 4, Headmic 1, NT 2-3 CW, and NT 12-5CW comply with the following: | | | |
|--|--------------|---|---------------------------|
| Pos.- No. | Document | Short description | Issued / Version |
| 1010 | 2014/53/EU | Radio Equipment Directive (RED) 2014/53/EU | |
| 1010 | EN 300 422-1 | Wireless Microphones; Audio PMSE up to 3 GHz; - Part 1: Class A Receivers; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU | V 2.1.2 |
| 2012 | EN 301 489-1 | Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements | V 2.2.0 (Draft) |
| 2091 | EN 301489-9 | Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices; | V 2.1.1 (Final draft) |
| 2600 | EN 50566 | Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz) | 2013 + AC:2014 |
| 3300 | EN 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements | 2014 + AC:2015 + A11:2017 |
| 7800 | 2011/65/EU | RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substance | 2011-07 |
| 7810 | EN 50581 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances | 2012 |

| The devices NT 2-3 CW , and NT 12-5CW comply additional with the following: | | | |
|--|---------------|--|--|
| Pos.-No. | Document | Short description | Issued / Version |
| 3010 | 2014/35/EU | Low Voltage directive 2014/35/EU - Electrical Safety | 2014 |
| 3110 | EN 60065 | Audio, video, and similar electronic apparatus - Safety requirements | 2014 |
| 3200 | EN 60950-1 | Information technology equipment – Safety – General requirements | 2006 + A1:2010 + A11:2009 + A2:2013 + A12:2011 |
| 5010 | 2014/30/EU | EMC directive 2014/30/EU Electromagnetic Compatibility | 2014-02 |
| 5260 | EN 55024 | Information technology equipment - Immunity characteristics, Limits and methods of measurement | 2010 |
| 5271 | EN 55032 | Electromagnetic compatibility of multimedia equipment - Emission Requirements | 2015 + AC:2016 |
| 7510 | 2009/125/EC | ErP Directive 2009/125/EC - Ecodesign requirements for energy-related products | 2009-10 |
| 7550 | No. 278/2009 | EU-Regulation for External Power Supplies (EPS) | 2009-04 |
| 7570 | No. 1275/2008 | EU-Regulation for Standby and OFF mode | 2008 |

Document History

| Revision Date: | Revision Description | Remarks |
|----------------|----------------------|---------|
| 2018-03-15 | First version | |
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