



## **EU-Konformitätserklärung EU Declaration of Conformity**

Sennheiser electronic GmbH & Co. KG  
Am Labor 1  
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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:** ew 100 G4-1G8

mit den zugehörigen Komponenten  
with the included components

Diversity Receivers:	EM 100 G4
Bodypack Transmitters:	SK 100 G4 with various
Microphones:	ME 2-II, ME 4, ME 3-II
Handheld Transmitters:	SKM 100 G4, SKM 100 S G4 with various
Microphone Capsules:	MMD 835-1, MMD 845-1, MME 865-1, MMD 935-1, MMD 945-1
Power Supply	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 have been tested in combination with the different listed microphones. The transmitters and the receiver are working on the 1.8 GHz frequency range: 1785 MHz ... 1800 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. T818302F-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	1.1.0	RF: 543591
SKM 100, SKM 100 S	1.1.0	RF: 541998
EM 100	1.1.0	RF & Main: 578586

### Applied directives and standards:

The devices: <b>SK 100 G4, SKM 100 G4, SKM 100 S G4, EM 100 G4, RMS 1, MMD 835-1, MMD 845-1, MME 865-1, MMD 935-1, MMD 945-1, ME 2-II, ME 3-II, ME 4</b> and <b>NT 12-5CW</b> comply with the following:			
Pos.- No.	Document	Short description	Issued / Version
1010	2014/53/EU	<b>Radio Equipment Directive (RED) 2014/53/EU</b>	2014-04
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	<b>RoHS Directive 2011/65/EU</b> 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 device <b>NT 12-5CW</b> comply <b>additional</b> with the following:			
Pos.-No.	Document	Short description	Issued / Version
3010	2014/35/EU	<b>Low Voltage directive 2014/35/EU-</b> Electrical Safety	2014
3110	EN 60950	Information technology equipment – Safety – General requirements	2006 + A1:2010 + A11:2009 + A2:2013 + A12:2011
5010	2014/30/EU	<b>EMC directive 2014/30/EU Electromagnetic Compatibility</b>	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	<b>ErP Directive 2009/125/EC</b> - 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	