

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: **Digital Tourguide System**

Model No.: **System 2020**

mit den zugehörigen Komponenten
with the included components

Handheld Transmitter	SKM 2020-D
Bodypack Transmitter	SK 2020-D
Stationary Transmitter	SR 2020-D
Charger Case	EZL 2020-20 L
Bodypack Receiver	EK 2020-D, EK 2020-D-II
Stethoset Receiver	HDE 2020-D, HDE 2020-D-II
Power Supply	NT 2-1, NT 2-3

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: 2006

Wedemark, 2011-02-17

 **SENNHEISER**
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Dr. Heinrich Esser

President Installed Sound Division

The radio devices above are corresponding to **class 1** of the R&TTE directive and they are working in the harmonized frequency band from 863MHz to 865MHz.

All devices carry the **CE mark**. In addition the transmitter and the receivers also carry the number of the Notified Body Cetecom **0682**.

Used directives and standards:

The devices: SK2020-D, SKM2020-D, SR2020-D, EK2020-D, EK2020-D-II, HDE2020-D and HDE2020-D-II comply with the following:				
Pos.No.	Document	Short description	Issued / Version	Id. No.
100	RL 1999/05/EG	R&TTE directive 1999/5/EC	1999-05	528288
		Radio spectrum Corresponding at article 3.2 of R&TTE		
	ETSI EN 301 357	Electromagnetic compatibility and Radio spectrum Matters (ERM). Cordless audio devices in the range 25 MHz to 2000 MHz		
160	ETSI EN 301 357-1	Technical characteristics and test methods	V1.4.1 (2008-11)	532057
161	ETSI EN 301 357-2	Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive	V1.4.1 (2008-11)	532058
		Electromagnetic compatibility 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	V1.9.2 (2012-04)	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 Corresponding article 3.1.a of R&TTE		
240	EN 60065	Audio, video and similar electronic apparatus - Safety requirements	2002 & A2:2010 & A12:2011	532071
780	RL 2011/65/EU	RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substance	2011	536494
781	EN 50581	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2012-09	536497
The device: EZL 2020-20 L comply with the following:				
Pos.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 & A2:2010 & A12:2011	532071
500	RL 2004/108/EG	EMC directive 2004/108/EC	2004-05	532083
		Electromagnetic Compatibility		
520	EN 55103-1	Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use Part 1:Emission	2009	532084
560	EN 55103-2	Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use Part 2: Immunity	2009	532088
780	RL 2011/65/EU	RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substance	2011	536494

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781	EN 50581	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2012-09	536497
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Used directives and standards:

The device: NT2-1 comply with the following:				
Pos.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 & A2:2010 & A12:2011	532071
	EN 61558	Safety of power transformers, power supply units and similar		
330	EN 61558-1	General requirements and tests	2005 & Amd. 1: 2009	
332	EN 61558-2-6	Particular requirements for safety isolating transformers for general use	2009	532076
780	RL 2011/65/EU	RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substance	2011	536494
781	EN 50581	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2012-09	536497

The device: NT2-3 comply with the following:				
Pos.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 & A2:2010 & A12:2011	532071
	EN 61558	Safety of power transformers, power supply units and similar		
330	EN 61558-1	General requirements and tests	2005 & Amd. 1: 2009	
332	EN 61558-2-6	Particular requirements for safety isolating transformers for general use	2009	532076
500	RL 2004/108/EG	EMC directive 2004/108/EC	2004-05	532083
525	EN 55014-1	Product family standard for household appliances, electric tools and similar apparatus – Part 1:Emission (CISPR 14-2:2005)	2006	532097
530	EN 55022	Information technology equipment - Radio disturbance characteristics Limits and methods of measurement	2010-12 & AC :2011-10	532067

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610	EN 55014-2	Product family standard for household appliances, electric tools and similar apparatus – Part 2:Immunity (CISPR 14-2:1997 & Amd 2 2008)	1997 & Amd 2 2008	532098
570	EN 55024	Information technology equipment - Immunity characteristics Limits and methods of measurement	1998 & Amd 2 2003	532070
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
780	RL 2011/65/EU	RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substance	2011	536494
781	EN 50581	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2012-09	536497