



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 Accessories ewG4 series
Model No: Antenna Combiner AC 41, AC 41-US
Antenna Splitter ASA 214-UHF, ASA 214-1G8
Antenna Booster AB 3, AB 4

mit den zugehörigen Komponenten
with the included components

Power Supply NT 1-1 CW, NT 3-1 C

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

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The Hardware of the devices is based on analogue technology without any software control and optimised designed for the different working frequency ranges as stated below:

Device	Frequency Range
AC 41	470 - 870
AC 41-US	470 - 608
ASA 214-UHF	470 - 870
ASA 214-1G8	1785 - 1800
AB 3-range:	A: 516-558 MHz, G: 566-608 MHz, GB: 606-648 MHz, B: 626-668 MHz, C: 737-776 MHz, D: 780-822 MHz, E: 823-865 MHz and 1G8: 1785 - 1805MHz
Ab 4-range:	Aw+: 470 - 558 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. The applied conformity assessment procedures about the listed different devices are relating to Article 17(4) and Annex III of the Radio Equipment Directive 2014/53/EU. The EU-type examination was performed by the notified Body CTC advanced GmbH (0682) under the registration numbers T818300F-02-TEC (ASA 214-UHF, AB 3, AB 4, NT 1-1 CW), T818301-01-TEC (AC 41, AC 41-US, NT 3-1 C, and T818302F-01-TEC (ASA 214-1G8, AB 3-1G8, NT 1-1 CW).

Applied directives and standards:

The devices: AC 41, AC 41-US, ASA 214-UHF, ASA 214-1G8, AB 3, AB 4, NT 1-1 CW and NT 3-1 C comply with the following:			
Pos.-No.	Document	Short description	Issued / Version
1010	2014/53/EU	Radio Equipment Directive (RED) 2014/53/EU (publication references OJEU L153, 22.05.2014, p. 62-106)	
1117	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 2.3.0
2016	EN 301 489-1	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	V 2.2.3
2092	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
3301	EN 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements	2014 + AC:2015 + A11:2017
7801	2011/65/EU	RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substance (publication references OJ L 174, 01.07.2011, p.88-110) amended by (EU) 2015/863)	2011-06 with all amendments
7820	EN IEC 63000	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2018-12

The EU Declaration of Conformity "EU_DoC_External_Power_Supplies" is also indicating the conformity of the external power supply NT 1-1 CW (FW8030/14) and NT 3-1 C (FW8060/14) regarding the requirements of the Low Voltage Directive 2014/35/EU, the EMC Directive 2014/30/EU and the ErP Directive 2009/125/EC.

Document History

Revision Date:	Revision Description	Remarks
2018-03-15	First version	
2019-05-20	Addition of new model AB 4 and second TEC number, deletion of power supply table, new form with new undersign on page one, Update of EMC standard version EN 301 489-9	
2021-04-08	Update of standards	