

# UK Declaration of Conformity HARMAN BECKER Automotive Systems GmbH

Becker-Göring-Str. 16 D-76307 Karlsbad, Germany

declares under our sole responsibility, that the product

Description of object	:	Telematic system with GNSS, BT, WLAN, GSM, UMTS, LTE
Model Name	:	CONBOX HIGH RD
Customer / Brand	:	VW AG
Type name of system	:	P114, A970, A981

is conform to the provisions of the directives:

SI 2017 No. 1206	Radio Equipment Re	aulations 2017	
Eased on the evidence (Europe) Limited acting 2017 No. 1206, verified SCHEDULE 3:	oresented in the Technical D g as <b>UK Approved Body</b> – N and attested with <b>UK-Type B</b>	ocumentation, I echnology International Io. 0673 for the Radio Equipment Regulation SI Examination Certificate - acc. Module B of	
Registration number: L0852HBE1.AMK			
that the technical design of the radio equipment meets certain essential requirements of <b>Radio</b> <b>Equipment Regulation 2017</b> , as indicated in more details on page 2.			
is declaration is showing t	he compliance to the noted di	rective and to other product relevant regulations.	
e declaration covers all de	vices manufactured according	to the related technical documentation.	
<u>clared by:</u>			
Ir. Iulian STOICA, Principal	Engineer, Quality Engineering	I	
enter of Excellence Automotive /	Product Reliability / Certification		
		I.V. Church	
		XP \	
Bucharest (Place)	14.05.2024 (Date)	(Signature)	
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Ir. Marius OLTEANU, Regu	Product Reliability / Certification	spert	
enter of Excellence Automotive /	resource reliability / Certification		
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		1 \ Ang	
Dechanged	44.05.0004	I.V. June	
Bucharest	14.05.2024	(Signature)	



# Attachment to UK DoC

Model:CONBOX HIGH RDProject:Telematic system with GNSS, BT, WLAN, GSM, UMTS, LTEType:P114, A970, A981Version:1.1



### The following requirements have been applied:

Standard	Version / Release	Description of standard/RiLi			
Regulation 6 (1) (a)	Regulation 6 (1) (a)				
EN 62368 - 1	2014 + AC:2015 + AC:2017 + A11:2017	Audio/video, information and communication technology equipment Safety – Requirements			
EN 62311	2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)			
Regulation 6 (1) (b)	1				
EN 301 489 - 01	2.2.3	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements			
EN 301 489 - 17	3.2.4	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems			
EN 301 489 - 19	2.2.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data			
EN 301 489 - 52	1.2.1	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment			
EN 55032	2015 + AC 2016	Electromagnetic compatibility of multimedia equipment – Emission			
EN 55035	2017	Electromagnetic compatibility of multimedia equipment – Immunity			
Regulation 6 (2)					
EN 303 413	1.2.1	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands			
EN 300 328	2.2.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques			
EN 300 440	2.2.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range			
EN 301 511	12.5.1	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands			
EN 301 908 - 1	15.2.1	IMT cellular networks; Part 1: Introduction and common requirements			
EN 301 908 - 2	13.1.1	IMT cellular networks; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)			
EN 301 908 - 13	13.2.1	IMT cellular networks; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)			
2000/53/EC ELV dire	ective				
2000/53/EC	09/2000	End of life vehicles (ELV)			



## UK Declaration of Conformity HARMAN BECKER Automotive Systems GmbH Becker-Göring-Str. 16

## D-76307 Karlsbad, Germany

declares under our sole responsibility, that the product

Description of object	:	Telematic system with GNSS, BT, WLAN, GSM, UMTS, LTE, 5G
Model Name	:	TKCMOD12E00
Customer / Brand	:	VW AG
Type name of system	:	V037

is conform to the provisions of the directives:

SI 2017 No. 1206 Radio Equipment Regulations 2017   Based on the evidence presented in the Technical Documentation, Technology International (Europe) Limited acting as UK Approved Body – No. 0673 for the Radio Equipment Regulation SI 2017 No. 1206, verified and attested with UK-Type Examination Certificate - acc. Module B of SCHEDULE 3:   Registration number: L0853HBE1.AMK   that the technical design of the radio equipment meets certain essential requirements of Radio Equipment Regulation 2017, as indicated in more details on page 2.   vis declaration is showing the compliance to the noted directive and to other product relevant regulations.   redeclaration covers all devices manufactured according to the related technical documentation.   wolared by:   Mr. Iulian STOICA, Principal Engineer, Quality Engineering lenter of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024   (Place) (Date)   Kr. Marius OLTEANU, Regulatory Product Compliance Expert   Ienter of Excellence Automotive / Product Reliability / Certification   Mark 17.05.2024   (Place) (Date)   Bucharest 17.05.2024   (Bucharest 17.05.2024		Description, long title of the	e directive		
Based on the evidence presented in the Technical Documentation, Technology International (Europe) Limited acting as UK Approved Body – No. 0673 for the Radio Equipment Regulation SI 2017 No. 1206, verified and attested with UK-Type Examination Certificate - acc. Module B of SCHEDULE 3:   Registration number: L0853HBE1.AMK   that the technical design of the radio equipment meets certain essential requirements of Radio Equipment Regulation 2017, as indicated in more details on page 2.   this declaration is showing the compliance to the noted directive and to other product relevant regulations. the declaration covers all devices manufactured according to the related technical documentation.   eclared by:   Mr. Iulian STOICA, Principal Engineer, Quality Engineering Center of Excellence Automotive / Product Reliability / Certification I.N. Jung   Bucharest 17.05.2024   (Place) (Date) (Signature)   Mr. Marius OLTEANU, Regulatory Product Compliance Expert I.M. Jung   Bucharest 17.05.2024 I.M. Jung	SI 2017 No. 1206	Radio Equipment Re	gulations 2017		
Registration number: L0853HBE1.AMK   that the technical design of the radio equipment meets certain essential requirements of Radio   Equipment Regulation 2017, as indicated in more details on page 2.   this declaration is showing the compliance to the noted directive and to other product relevant regulations.   the declaration covers all devices manufactured according to the related technical documentation.   eclared by:   Mr. Iulian STOICA, Principal Engineer, Quality Engineering   Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024   (Place) (Date)   Kr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Mr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Mr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Mr. Bucharest 17.05.2024	Based on the evidence pr (Europe) Limited acting 2017 No. 1206, verified a SCHEDULE 3:	resented in the Technical Do as <b>UK Approved Body</b> – No Ind attested with <b>UK-Type E</b>	cumentation, <b>Technology International</b> o. 0673 for the Radio Equipment Regulation SI xamination Certificate - acc. Module B of		
that the technical design of the radio equipment meets certain essential requirements of Radio   Equipment Regulation 2017, as indicated in more details on page 2.   this declaration is showing the compliance to the noted directive and to other product relevant regulations.   the declaration covers all devices manufactured according to the related technical documentation.   eclared by:   Mr. Iulian STOICA, Principal Engineer, Quality Engineering   Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024   (Place) (Date)   Kr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024   UPlace (Date)   Kr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024	Registration number: L08	Registration number: L0853HBE1.AMK			
his declaration is showing the compliance to the noted directive and to other product relevant regulations.   he declaration covers all devices manufactured according to the related technical documentation.   eclared by:   Mr. Iulian STOICA, Principal Engineer, Quality Engineering Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024 (Date)   Mr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Mr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Mutual Structure Automotive / Product Reliability / Certification   Mutual Structure Automotive / Product Reliability / Certification	that the technical design <b>Equipment Regulation</b> 3	of the radio equipment meet <b>2017</b> , as indicated in more d	s certain essential requirements of <b>Radio</b> etails on page 2.		
Pectared by:   Mr. Iulian STOICA, Principal Engineer, Quality Engineering   Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024   (Place) (Date)   Mr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Mr. Marius OLTEANU, Regulatory Product Compliance Expert   Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024   Under the state of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024	his declaration is showing th he declaration covers all devi	e compliance to the noted dire ices manufactured according	ective and to other product relevant regulations. to the related technical documentation.		
Bucharest 17.05.2024 Signature   (Place) (Date) (Signature)   Mr. Marius OLTEANU, Regulatory Product Compliance Expert Center of Excellence Automotive / Product Reliability / Certification   Bucharest 17.05.2024 Image: Certification	Declared by: Mr. Iulian STOICA, Principal E Center of Excellence Automotive / P	ingineer, Quality Engineering	i.v. Glad		
Mr. Marius OLTEANU, Regulatory Product Compliance Expert Center of Excellence Automotive / Product Reliability / Certification	Bucharest	17.05.2024	(Signature)		
Bucharest 17.05.2024	Mr. Marius OLTEANU, Regula	atory Product Compliance Exp	pert		
Bucharest 17.05.2024	Center of Excellence Automotive / D	reduct reliability / certification			
	Center of Excellence Automotive / P		I.V.		



# Attachment to UK DoC

Model:TKCMOD12E00Project:Telematic system with GNSS, BT, WLAN, GSM,UMTS, LTE, 5GType:V037Version:1.2.

# UK CA

#### The following requirements have been applied:

Standard	Version / Release	Description of standard/RiLi		
Regulation 6 (1) (a)				
EN 62368 - 1	2014 + AC:2015 + AC:2017 + A11:2017	Audio/video, information and communication technology equipment Safety – Requirements		
EN 62311	2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)		
EN 62209 - 2	2010/A1:2019	Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)		
EN 50566	2017	Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body		
Regulation 6 (1) (b)	1			
EN 301 489 - 01	2.2.3	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		
EN 301 489 - 17	3.2.4	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems		
EN 301 489 - 19	2.2.0 DRAFT	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data		
EN 301 489 - 52*	1.2.1	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment		
EN 55032	2015 + AC 2016	Electromagnetic compatibility of multimedia equipment - Emission		
EN 55035	2017	Electromagnetic compatibility of multimedia equipment – Immunity		
Regulation 6 (2)	-			
EN 303 413	1.2.1 2021-04	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands		
EN 300 328	2.2.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques		
EN 300 440	2.2.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range		
EN 301 893	2.1.1	5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		
EN 301 511*	12.5.1	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands		
EN 301 908 - 1*	15.2.1	IMT cellular networks; Part 1: Introduction and common requirements		
EN 301 908 - 2*	13.1.1	IMT cellular networks; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)		
EN 301 908 - 13*	13.2.1	IMT cellular networks; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)		
EN 301 908 - 25*	15.1.1_0.0.9 DRAFT	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 25: New Radio (NR) User Equipment (UE) Release 15		
2000/53/EC ELV dire	ective			
2000/53/EC	09/2000	End of life vehicles (ELV)		

#### Remark:

\* standards with cellular technologie is not used by the model name TKCMOD11000 which is considered as offline variant.