EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number 0700

Recognised by   Bundesnetzagentur

BNetzA-bS-02/51-55

This is to certify that:
PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	17-211603
Manufacturer	Sanwa Electronic Instrument Co., Ltd
Address	1-2-50, Yoshida Honmachi, Higashi-Osaka, Osaka 578-0982, Japan
Product Description	Digital High Response Telemetry System; with radio remote control transmitter and receiver
Brand Name / Model Name	SANWA / MT-S

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	**Conform**
Article 3.1 b): Electromagnetic Compatibility	**Conform**
Article 3.2: Effective and Efficient Use of Radio Spectrum	**Conform**
Additional Essential Requirements:	**Not applicable**

Date of issue	**2017-06-13**	Expiry date:	**2022-06-12**

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.

Seal

Signed by Alan Lane
Notified Body

Annex

Technical description

Frequency Range	FH3E: 2403 - 2478 MHz (Rx only) FH4TE: 2403 - 2478 MHz (Tx only, 38 channels, FHSS)
Transmit Power	FH4TE: 9.87 EIRP dBm
Hardware Version	700A16661B
Software Version	SP-118 v.1.1.4

System Components

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Optional Components

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Approval documentation

External / Internal Photos	Provided, 3 pages / 12 pages
User Manual	User Manual-NB-RX-472-V1.0, 89 pages
Block Diagram	Provided,1 page
Circuit Diagram	Provided, 3 pages
Operational Description	Provided, 2 pages
PCB Layout/ Parts Placement	Provided, 3 pages
Parts List	Provided, 2 pages
EU Declaration of Conformity	Provided, 1 page, May 15, 2017
Explanation of compliance Article 10(2) and Article 10(10)	Provided in the User Manual
Further Documents	Risk Assessment, 3 pages

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Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen Alpha Product Testing Co., Ltd.	T1870765 04
EN 62479:2010	Shenzhen Alpha Product Testing Co., Ltd.	T1870765 03
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-17 V3.2.0	Shenzhen Alpha Product Testing Co., Ltd.	T1870765 01
ETSI EN 300 328 V2.1.1	Shenzhen Alpha Product Testing Co., Ltd.	T1870765 02

Limitations / Restrictions

Operating Temperature range   -10 ~ 45°C

Notes

1.   This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.

2.   Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.

3.   The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.

4.   **CE**   The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.

5.   The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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