

EU-Type Examination Certificate

Certificate No.: 1622 - RED - 454182

In compliance with Radio Equipment Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment, this certificate applies to the product(s)

Product: 2.4GHz Radio Control System

Model: MT-5

Placed on the market under the name or trade mark of

Sanwa Electronic Instrument Co., Ltd

1-2-50, Yoshida Honmachi, Higashi-Osaka, Osaka 578-0982, Japan

This certificate attest that all provisions concerning the assessment and verification of performance described in the standard(s)

Article 3.1a): EN 62368-1: 2014+A11:2017
EN 62479:2010

Article 3.1b): EN 301 489-1 V2.2.3
EN 301 489-17 V3.2.4

Article 3.2): EN 300 328 V2.2.2

as per Annex III (Module B) for the performance set out in this certificate, are applied.

Certificate revision: 1.0

TCF No.: 454182

For NEMKO (Notified Body 1622)

Authorized Signatory



Jin Xu, Senior Technical Assessor

Valid from 30 / 11 / 2021

Day / Month / Year

This certificate has been granted by Nemko North America, Inc. 303 River Road, Ottawa, Ontario, K1V 1H2, Canada

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market. Nemko North America, Inc. is an SCC-accredited organisation.

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ANNEX 1 – PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION

Equipment type:	FHSS equipment
Model/type:	MT-5
Brand/trade name:	SANWA
Supply voltage:	DC 4.5V from battery
Rated power:	-
Hardware version:	700A17751A
Software version:	72.01R101

TECHNICAL CHARACTERISTICS

Transmitter type:	-
Intended purpose:	Wideband transmission
Frequency range:	2401 – 2479 MHz
Transmit power:	0.0036 Watts
Modulation type:	GFSK
Maximum duty cycle:	-
Number of channels:	34
Channel separation:	2 MHz
Antenna type:	Internal antenna
Maximum antenna gain:	2 dBi

MANUFACTURER

Name:	Dongguan Fountain Electronics
Address:	Qiaolian Industrial District, ErHuan St., Dongkeng Town, Dongguan City, Guangdong, P.R.China

ADDITIONAL INFORMATION

None.

ANNEX 2 - SCHEDULE OF APPROVAL

ASSESSED STANDARDS

- Protection of Health and Safety, according to Article 3(1)(a).
Standards: EN 62368-1: 2014+A11:2017
EN 62479:2010
- Electromagnetic Compatibility (EMC), according to Article 3(1)(b).
Standards: EN 301 489-1 V2.2.3
EN 301 489-17 V3.2.4
- Radio Spectrum Use, according to Article 3(2).
Standards: EN 300 328 V2.2.2
- Special Radio Features, according to Article 3(3)(a)-(f).
Standards: N/A

APPLICATIONS/LIMITATIONS

None.

MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.
The equipment shall carry the CE marking of the European Union.

TYPE EXAMINATION DOCUMENTATION

Test report(s)

- Safety test report by Shenzhen Alpha Product Testing Co., Ltd.
Test Report Number: A2110005-C01-R05, Issued: 2021-11-08
- Health test report by Shenzhen Alpha Product Testing Co., Ltd.
Test Report Number: A2110005-C01-R03, Issued: 2021-11-02
- EMC test report by Shenzhen Alpha Product Testing Co., Ltd.
Test Report Number: A2110005-C01-R01, Issued: 2021-11-02
- Radio test report by Shenzhen Alpha Product Testing Co., Ltd.
Test Report Number: A2110005-C01-R02, Issued: 2021-11-02

Additional documentation

- Radio Equipment Directive technical file by Sanwa Electronic Instrument Co., Ltd

ADDITIONAL INFORMATION

None.

<< End of certificate >>