

# EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

## Radio Equipment Directive (RED) 2014/53/EU

**PHOENIX TESTLAB**  
Notified Body Number **0700**



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.	21-210523
Manufacturer	Maas Elektronik
Address	Heppendorfer Str. 23, 50189 Elsdorf, Germany
Product Description	CB RADIO
Brand Name / Model Name	MAAS / KCB-2000, CB-583

### The radio equipment meets the following essential requirements

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

Date of issue	<b>2021-05-27</b>	Expiry date:	<b>2026-05-26</b>
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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.

Signed by Wayne Hsu  
Notified Body

## Annex

### Technical description

Frequency Range	CB radio: FM: 26.565 - 27.405 MHz AM: 26.965 - 27.405 MHz
Transmit Power	4W
Hardware Version	V1.3
Software Version	V1.3

### System Components

Antenna	External Suction cup antenna, 2.1 dBi
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### Optional Components

Handle	30cm, XINWEI ELECTRONIC CO.LTD QUANZHOU.
Power cable	1m, XINWEI ELECTRONIC CO.LTD QUANZHOU.

### Approval documentation

	Technical Documentation including MAAS_KCB-2000 External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	2 pages, 25 May, 2021
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, 25 May, 2021
Further Documents	Risk Assessment, 6 pages, 25 May, 2021 Model difference letter, 1 page, 25 May, 2021



### Applied Standards and Test Reports


Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014+A11:2017	Shenzhen Most Technology Service Co., Ltd.	MTWC21040384-S
EN IEC 62311:2020	Shenzhen Most Technology Service Co., Ltd.	MTWC21040384-H
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-13 V1.2.1	Shenzhen Most Technology Service Co., Ltd.	MTWC21040384-E
ETSI EN 300 433 V2.1.1	Shenzhen Most Technology Service Co., Ltd.	MTWC21040384-R

### Limitations / Restrictions

Operating Temperature range is -10 ~ 60 degree Celsius.

The health assessment was calculated with a separation distance of 0.5m, with an antenna gain of external antenna of 2.1 dBi.

### 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.  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.