



## i-safe MOBILE IS-RSMG2.1 Remote Speaker Microphone User Manual

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## KEYS AND SPECIAL FEATURES



## INTRODUCTION

This document contains information and safety regulations which are to be observed without fail for safe operation of the device IS-RSMG2.1 under the described conditions. Non-observance of this information and instructions can have serious consequences and/or may violate regulations.

Please read the manual and these safety instructions before using the device.

In case of contradicting information, the text of these safety instructions shall apply.

In case of any doubt, the German version shall apply

The current EU declaration of conformity, certificates, safety instructions and manuals can be found at [www.isafe-mobile.com](http://www.isafe-mobile.com), or requested from i.safe MOBILE GmbH.

## RESERVATION

The content of this document is presented as it currently exists. i.safe MOBILE GmbH does not provide any explicit or tacit guarantee for the accuracy or completeness of the content of this document, including, but not restricted to, the tacit guarantee of market suitability or fitness for a specific purpose unless applicable laws or court decisions make liability mandatory. i.safe MOBILE GmbH reserves the right to make changes to this document or to withdraw it any time without prior notice. Technical Data is subject to change without notice. Changes, errors and misprints may not be used as a basis for any claim for damages. All rights reserved. i.safe MOBILE GmbH cannot be held responsible for any data or other loss and direct or indirect damages caused by any improper use of this device.

## EX-SPECIFICATIONS

The IS-RSMG2.1 is a device suitable for use in potentially explosive atmospheres classified as zone 1 in accordance with directives 2014/34/EU as well as the IECEx scheme

## EX-MARKINGS

### ATEX:

II 2G Ex ib IIC T4 Gb

EU Type Examination Certificate:

EPS 20 ATEX 1 060 X

CE-designation: 2004

### IECEx:

Ex ib IIC T4 Gb

IECEx Certificate: IECEx EPS 20.0026X

### Japan:

Ex ib IIC T4 Gb

CSAUK 21JPN029X

### North America:

Class I Div 1 Groups A, B, C, D, T4

CSA20CA80050622X

### Temperature range:

-20°C ... +60°C

### Manufactured by:

i.safe MOBILE GmbH

i\_Park Tauberfranken 10

97922 Lauda-Koenigshofen

Germany

## EU-DECLARATION OF CONFORMITY

The EU-declaration of conformity can be found at the end of this manual.

## **FAULTS AND DAMAGES**

If there is any reason to suspect that the safety of the device has been compromised, it must be withdrawn from use and removed from any ex-hazardous areas immediately. Measures must be taken to prevent any accidental restarting of the device.

The safety of the device may be compromised, if, for example:

- Malfunctions occur.
- The housing of the device shows damage.
- The device has been exposed to excessive loads.
- The device has been stored improperly.
- Markings or labels on the device are illegible.

We recommend that a device displaying errors or in which an error is suspected be sent back to i.safe MOBILE GmbH to be checked

## **EX-RELEVANT SAFETY REGULATIONS**

Use of this device assumes that the operator observes the conventional safety regulations and has read and understood manual, safety instructions and certificate.

The following safety regulations must also be complied with:

- To ensure the IP-protection, it has to be ensured that all gaskets are present and functional. There must be no large gap between the two halves of the housing.
- The IS-RSMG2.1 must be securely fastened to the ISM interface.
- The device may not be exposed to any aggressive acids or alkalis.
- The device may only be used in zones 1 or 2.
- Only accessories approved by i.safe MOBILE GmbH may be used

## **EX-RELEVANT SAFETY REGULATIONS FOR NORTH AMERICA**

### **Conditions of Acceptability:**

- The permitted ambient temperature range is -20 °C to +60 °C.
- The connection to the 3.5 mm audio jack connector of the IS-RSMG2.1/ IS-RSMG2.2 device is not allowed inside hazardous area.
- Only accessories without internal power source are allowed to be connected to the 3.5 mm audio jack of of all the listed models.
- The 13 pin connector interface must be connected outside hazardous areas (for the dust protection) to the 13-pin ISM-Interface of an approved to US and Canada mobile device (i.e. IS330.1/IS530.1).

## **EX-RELEVANT SAFETY REGULATIONS FOR JAPAN**

- The permitted ambient temperature range is -20 °C to +60 °C.
- The equipment shall be supplied by ISM interface, IS530.x under CSAUK 19JPN067X, CSAUK 19JPN068X or

## FURTHER SAFETY ADVISES

- Do not use the device in areas where regulations or legislatures prohibit the use.
- Do not expose the device to strong magnetic fields, such as are emitted from induction ovens or microwaves.
- Do not attempt to open or repair the device. Improper repair or opening can lead to the destruction of the device, fire or explosion. Only authorized personnel are allowed to repair the device.
- Observe all corresponding laws that are in force in the respective countries regarding the use of devices while operating a vehicle.
- Do not use any chemical cleaning agents to clean the device. Use a damp and anti-static soft cloth for cleaning.

## WARNING

**i.safe MOBILE** GmbH will not assume any liability for damages caused by disregarding any of these advices or by any inappropriate use of the device.

## MAINTENANCE/REPAIR

Please note any legal requirements for periodic inspection.

The device itself has no user-serviceable parts. It is recommended to perform inspections according to the safety regulations and advices.

If there is a problem with the device, please contact your vendor or consult the service center. If your device is in need of repair, you can either contact the service center or your vendor.

## KEYS AND SPECIAL FEATURES

1. PTT KEY: Long press for speaking and use PTT
2. VOLUME KEY: Three fixed volumes.

13 PIN socket connected with the ISM interface – as sample IS530.1.



The IS-RSMG2.1 can be used with following i.safe MOBILE devices: IS330.1, IS330.2, IS330.RG, IS530.1, IS530.2, IS530.RG, IS725.2

## RECYCLING



The crossed-out wheeled-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies in the European Union. Do not dispose of these products as unsorted municipal waste. Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. More detailed information is available from the product retailer, local waste authorities, national producer responsibility organisations, or your local i.safe MOBILE GmbH representative.

## TRADEMARKS

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- All other trademarks and copyrights are the properties of their respective owners.

**Lauda- Koenigshofen 02.04.2021**

A handwritten signature in blue ink, appearing to read 'Dirk Amann'.

**Dirk Amann**  
**Managing Director**

## CONTACT/SERVICE CENTER

**FOR FURTHER QUESTIONS PLEASE CONTACT OUR SERVICE CENTER:**

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97922 Lauda-Koenigshofen  
German

[support@isafe-mobile.com](mailto:support@isafe-mobile.com)

<https://support.isafe-mobile.com/>

**Documents / Resources**



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