

i.safe MOBILE



SAFETY INSTRUCTIONS

IS540.1

MODEL M540A01

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ENGLISH

EX MARKINGS

► ATEX:

Ⓔ II 2G Ex ib IIC T4 Gb
Ⓔ II 2D Ex ib IIIC T135°C Db
EU Type Examination Certificate:
EPS 22 ATEX 1 341 X
CE-designation: CE 2004

► IECEx:

Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db
IECEx Certificate: IECEx EPS 22.0072X

► UKEX:

Ⓔ II 2G Ex ib IIC T4 Gb
Ⓔ II 2D Ex ib IIIC T135°C Db
UK Type Examination Certificate:
EPS 22 UKEX 1 341 X
UKCA-designation: UKCA 2503

► Temperature range:

-20°C ... +55°C (EN/IEC 60079-0)
-10°C ... +55°C (EN/IEC 62368-1)

► Manufactured by:

i.safe MOBILE GmbH
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

EX-RELEVANT SAFETY REGULATIONS

Use of this device assumes that the operator observes the conventional safety regulations and has read and understood Operating Manual, Safety Instructions and certificate.

When used in explosion hazardous areas, the following Safety Instructions must also be complied with:

- » Inside explosion hazardous areas the covers of all interfaces (USB, ISM Interface) must be closed.
- » 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 housing and between the battery compartment cover and housing.
- » The device may only be charged outside explosion hazardous areas using the **i.safe PROTECTOR 2.0** USB-C Cable or other charging equipment approved by **i.safe MOBILE GmbH**.
- » The Headset **IS-HS2A.1** or other accessories approved by **i.safe MOBILE GmbH** may be used within explosion hazardous areas only if connected to the ISM interface. The connector must be securely fastened to the ISM interface.
- » The microSD cards type **IS-SD164.1** and **IS-SD1128.1** or microSD cards which comply with the intrinsic safety entity parameters mentioned in the certificate, may be used in the corresponding slot in the hazardous area.
- » Nano-SIM cards which comply with the intrinsic safety entity parameters mentioned in the certificate, may be used in the corresponding slot in the hazardous area.
- » The device may only be charged at ambient temperatures between 0°C ... +45°C.
- » The device may not be exposed to any aggressive acids or alkalis.
- » The device may only be used in zones 1, 2, 21, or 22.

**INFORMATION CONCERNING SAR CERTIFICATION
(SPECIFIC ABSORPTION RATE)**

The SAR limit of Europe is 2,0 W/kg for the head and body, 4,0 W/kg for the limbs. The device has been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0,72 W/kg and when correctly worn on the body is 1,44 W/kg, limbs is 3,08 W/kg.

This device was tested for typical body worn operations with the back of the handset kept 5 mm from the body. The device complies with RF specifications when used at 5 mm from the body. Belt clips, holsters and similar accessories used should not contain metallic components in the assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.



Restrictions in the 5 GHz band:

According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE),- Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), the United Kingdom (UK), Turkey (TR), Norway (NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI). The WLAN function for this device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.



AT	BE	BG	CH	CY	CZ	DE
DK	EE	EL	ES	FI	FR	HR
HU	IE	IS	IT	LI	LT	LU
LV	MT	NL	PL	PT	RO	SE
SI	SK	TR	UK			

EU/UK DECLARATION OF CONFORMITY

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