



ATEX/IECEX
ZONE 1/21

Intrinsically Safe Mobile Phone - Ex Mobile 20

Safety Instructions

Ex Mobile 20 Series

These safety instructions contain information and safety regulations which are to be observed. Non-observance of this information and these instructions can have serious consequences and may violate regulations. Please read these safety instructions carefully before using the device for the first time. In the event of conflicting information the details specified in the safety instructions shall take precedence. In case of any doubt (in the form of translation or printing errors) the English text shall be applied.

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If there is any reason to suspect that the safety of the device has been compromised, it must be withdrawn from use and removed from any ex-hazardous areas immediately.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 subjected 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 Safex Instruments Limited to be checked.

Approval

ATEX:

II 2 G Ex ib IIC T4 Gb

II 2 D Ex ib IIIC T130°C Db

ATEX Certificate: TÜV 24 ATEX 9224 X

IECEx:

Ex ib IIC T4 Gb

Ex ib IIIC T130°C Db

IECEx Certificate: IECEx TUR 24.0094X

Ambient Temperature Range: $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

Warning

! Please read this manual carefully and keep it for your reference.

! Only charge the battery when in the non-hazardous area using an adapter specifically supplied by the manufacturer for use with the unit.

! With the exception of the battery cover, the enclosure of the device shall not be disassembled in any situation.

- ! The device cannot be connected with any accessories such like a headset in hazardous location.
- ! The device shall be protected against excessive UV light emission and high electrostatic charge processes.
- ! The device must be protected from impact with high impact energy.
- ! Do not change the electrical parameters, specifications and models of intrinsically safe circuit and elements and devices related to intrinsically safe circuit during use and maintenance.
- ! This product is a precision instrument. It is strictly prohibited to try to repair this product by yourself, please contact device manufacturer for repairing.
- ! Battery replacement is not allowed. Contact the device manufacturer for battery replacement.

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:

Inside ex-hazardous areas the covers of all interfaces must be closed. The battery has to be fixed securely. To ensure the IP Protection, it has to be ensured that the all gaskets are present and functional. There must be no large gap between the two halves of the housing and between the battery and housing.

The device may only be charged outside ex-hazardous areas.

The device may only be charged at temperatures between +5°C ... +40°C.

Physical connections to other equipment are only allowed outside ex-hazardous areas. The device may not be exposed to any aggressive acids or alkalis. The device may only be used in zone 1/21 and zone 2/22 only accessories approved by Safex Instruments Limited may be used.

Further Safety Advises

- Do not touch the screen of the device with sharp objects. Dust particles and nails may scratch the screen. Please maintain the screen clean. Remove dust on the screen with a soft cloth gently, and do not scratch the screen.
- Do not put the device in environments with excessive temperatures, as this could lead to heating of the battery, resulting in fire or explosion.
- Do not charge the device near any flammable or explosive substances. Charge the device under indoor safe conditions only.
- Do not charge the device in environments with much dust or humidity.
- Do not use the device in areas where regulations or legislatives prohibit the use.
- Do not expose the device or charger 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.
- Only use accessories approved by Safex Instruments Limited.
- Power off the device in hospitals or other places where the use of mobile phones is prohibited. This device may affect proper work of medical equipment, such as pacemakers.
- Always keep a distance of at least 15 cm between the device and these devices.
- To prevent possible hearing damages, do not listen at high volume level for long periods.
- Fully understand user manual before use. Ensure your device at low volume levels or power off before you leaving.
- Observe all corresponding laws that are in force in the respective countries regarding the use of devices while operating a vehicle.
- Please power off the device and disconnect the charging cable before cleaning the device.
- Do not use any chemical cleaning agents to clean the device or the charger. Use a damp and anti-static soft cloth for cleaning.
- The product shall only be connected to a USB interface of version USB2.0.
- Do not discard old and abandoned lithium batteries into the trash, send them to designated waste disposal locations.
- The user alone is responsible for any and all damages and liabilities caused by malware downloaded when using the network or other data exchange functions of the device.
- Safex Instruments Limited cannot be held responsible for any of those claims.

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

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