HAEXC
Hazardous Areas Ex Communications

SP104Ex

ATEX / IECEx
ZONE 1/21



USER MANUAL

Document No. 104HUMREV00
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1. Charging the Phone

The battery is not fully charged when the device is purchased, but it contains enough energy to power on the device. If the battery is completely discharged, the phone will not switch on and the display will not show a charging process. Connect the phone to the charger.
After charging for a few minutes the display will appear again and you can then switch on the phone.

Note

- There is a risk of explosion if the device is exposed to a flame.
- Do not short-circuit the battery.
- The battery does not contain any parts that can be exchanged.
- The casing of the battery should not be opened under any circumstances.
- Use only HAEXC charging accessories.
- The use of any other charging accessories or batteries is prohibited, as it may compromise Ex-protection.
- The device may only be charged at temperatures between +5°C ... +40°C

2. Using the Phone

2.1 Operating Function

For more information on how to use & setting up the android phone, please refer to below link.

https://support.google.com/android/#topic=

2.2 Device Layout




16
15
6
7
21
20
19
SP104Ex
HAEXC
II 2 G Ex ib IIC T4 Gb
II 2 D Ex ib IIIC T130°C Db
TUV 25 ATEX 9248 X
IECEx TUR 25.0008X
-20°C ≤ Ta ≤ +55 °C
WARNING
READ SAFETY MANUAL BEFORE USE.
DO NOT CHARGE BATTERY OR OPEN IN HAZARDOUS AREAS.
HAEXC Mobile Pte. Ltd.
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0035

1. Home
2. Return Key
3. Task Key
4. PTT Group change (For future use)
5. PTT Key
6. Power On / Off
7. Volume
8. Receiver
9. Light distance induction
10. LED Light
11. Touch Display
12. Front camera
13. SOS Key
14. Alarm Light
15. Rear camera
16. LED torch light
17. Speaker
18. Microphone
19. USB-C charging port
20. Wrist Strap Hole
21. Magnetic / Docking Charging Port

3. Cleaning, maintenance and storage attention

- Only use a suitable cloth or sponge to clean the phone.
- Do not use any solvents or abrasive cleaning agents when cleaning.
- It is recommended that you have the functionality and accuracy of the phone inspected by the manufacturer every two years.
- Do not exceed the permissible storage temperature range of -20 °C ... +60 °C!
- Recommended temperature for long term storage is 20°C ± 3°C.
- In the event when the phone with battery not in use for long period of time, it is essential for user to charge battery once every 3 months to maintain battery health.

4. 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 organizations, or your local HAEXC Mobile Pte. Ltd. representative.

5. Disposal

5.1 Disposal of Old Electrical and Electronic Equipment



The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end of life.

5.2 Disposal of Battery



Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

6. Warranty and liability

Handset: 12 months warranty
Replaceble battery: 12 months warranty

7. EU Declaration of Conformity

The EU declaration of conformity is enclosed with the sales packaging as a separate document. Please also observe the information provided underneath the table of contents.

8. FAQ

Please kindly visit HAEXC website for more FAQ information.
www.haexc-mobile.com/support/FAQ/

9. EU Member States Frequency



BE	BG	CZ	DK	DE	EE	IE	EL
ES	FR	HR	IT	CY	LV	LT	LU
HU	MT	NL	AT	PL	PT	RO	SI
SK	FI	SE	NO	IS	LI	CH	TR

In all EU member states, operation of 5150-5250 MHz is restricted to indoor use only.

10. Bands and Mode

Band and Mode	Max. Output Power
BT	2.73 dBm
BLE	-4.35 dBm
WLAN	15.33 dBm
RLAN	16.91 dBm
GSM900	32.41 dBm
DCS1800	30.31 dBm
WCDMA 900	22.82 dBm
WCDMA 2100	23.29 dBm
LTE Band 1	23.36 dBm
LTE Band 3	24.07 dBm
LTE Band 7	23.06 dBm
LTE Band 8	23.52 dBm
LTE Band 20	24.23 dBm
LTE Band 28	23.88 dBm
LTE Band 38	23.91 dBm
LTE Band 40	23.58 dBm
LTE Band 41	23.92 dBm

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