instruction manual

FCC Compliance and License Requirements"

SECTION 1 – FCC LICENSE WARNING (Required by 47 CFR § 95.393(b)(4))

WARNING: This device contains a GMRS (General Mobile Radio Service) transmitter that is not authorized for operation without an individual FCC license. Operating the GMRS function of this device without first obtaining an FCC license is a violation of federal law. Information on obtaining a license, including application forms (FCC Form 605) and instructions, is available on the FCC website at www.fcc.gov or by calling 1-888-CALL-FCC.

SECTION 2 – PROHIBITION ON NETWORK CONNECTION (LINKING)

NOTICE – Network Access Restriction: It is strictly prohibited to use the POC (Push-to-Talk over Cellular) function of this device to relay, retransmit, or forward any voice communication received from the GMRS transmitter over the internet or any other public or private network. This device shall not be used as a network link or bridge for GMRS communications. Any such use violates FCC rules regarding prohibited connections (47 CFR § 95.1733 and § 95.1749).

SECTION 3 – UNAUTHORIZED ADJUSTMENTS (Required by 47 CFR § 95.393(b)(2)(3))

NOTICE: Any adjustments, modifications, or replacements of components (including antennas, transmitters, or frequency-determining elements) that are not expressly approved by the manufacturer or the party responsible for compliance could void the user's authority to operate this equipment under FCC rules and may result in violation of 47 CFR Part 95.

SECTION 4 – DISTINCTION BETWEEN GMRS AND POC FUNCTIONS

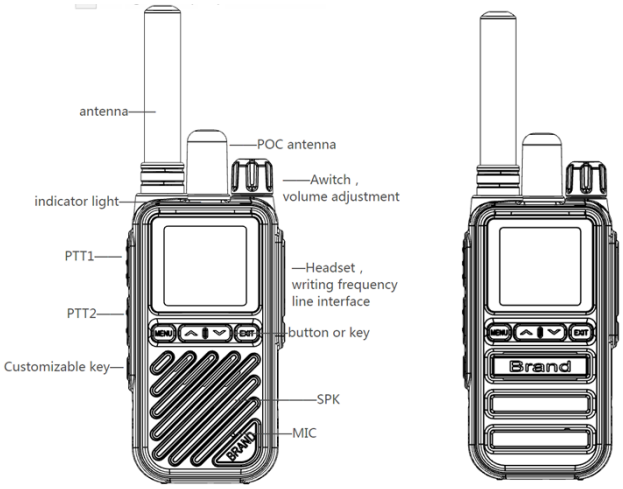
DEVICE OPERATION STATEMENT:

●GMRS Mode: Requires an individual FCC license. This mode operates on radio frequencies allocated to the General Mobile Radio Service and is subject to all rules under 47 CFR Part 95.

●POC Mode: Operates via commercial cellular networks (e.g., 4G/5G/LTE/Wi-Fi). This mode does not require an FCC GMRS license. The POC function is subject to the terms and conditions of the cellular service provider and is not considered a part of the GMRS transmitter for FCC certification purposes.

●These two modes are functionally independent. The presence of the POC function does not eliminate or alter the license requirement for the GMRS transmitter.

SECTION – 5 Product structure diagram



The keyboard has 4 keys: Menu (Green), Up, Down, and Back (Red)

Long press the green key to turn the keyboard lock on and off

Long press the red button to send SOS

SECTION – 6 Operation Instructions

1.The device requires POC functionality and needs a SIM card; the SIM card slot is located on the back of the device.

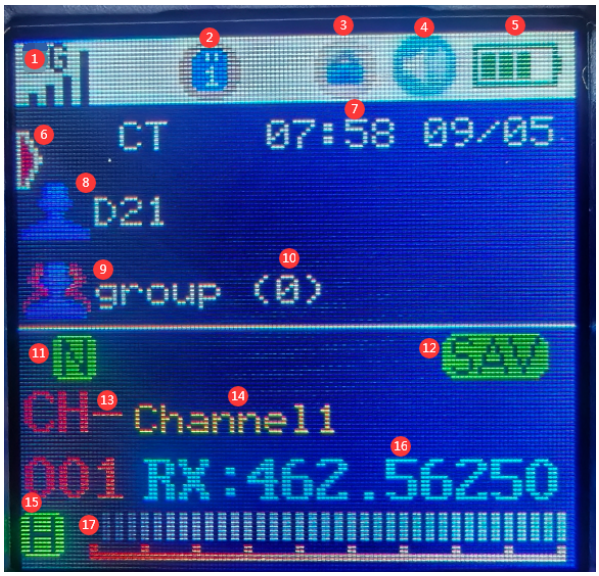
2.Install the battery and antenna on the device

3.Turn the device switch to the maximum

4.After powering on, wait for the POC to log into the platform, then press PTT1 to send after logging in.

5.Press PTT2 to transmit on the channel frequency

6.Device Show annotations



① POC signal strength bars

② SIM Card 1 or 2

③ keyboard lock

④ Sound output method icon is a speaker

⑤ Battery power

⑥ Primary selection icon, use the headset wire PTT to transmit the currently selected POC or channel

⑦ Date and Time

⑧ POC username

⑨ POC Group Name

⑩ Current number of online users in the POC group

⑪ Channel bandwidth Narrowband(12.5KHz)
⑫ Channel Standby Power Saving
⑬ channel number
⑭ Channel alias
⑮ power leve(L＜0.5W, H＜5W)
⑯ channel frequency
⑰ Analog channel field strength (Received field strength is green, The launch
field strength is red)

FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

--Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

SAR tests are conducted using standard operating positions according standards with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

This model product has been tested and meets the RF exposure guidelines with the test distance 25 mm for face up condition. The highest SAR1g value is 0.554W/Kg for face held and 1.331W/Kg for Body worn. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

This radio GMRS complies with RF exposure limits for general population/ uncontrolled RF exposure environment at operating duty factors of up to 50%.