



USER MANUAL

26 Rescue Handheld

PoC and UHF/VHF analog operation

For the Talk2Me custom firmware build.

Operating instructions • Channel management
Repeater operation • Programming • Menu reference



ABOUT THIS MANUAL

This manual covers the 26 Rescue Handheld supplied and programmed by Talk2Me. The custom analog range is 136–520 MHz. The supplied channel set includes 22 GMRS channels, 5 MURS channels and 7 NOAA weather frequencies.

Use Chapters 1–6 for setup and operating procedures. Appendix A lists menu entries and their settings. Appendix B provides troubleshooting and support information.

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02



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Menu paths: Green > Settings means press Green, then open Settings. A check mark identifies a saved choice, while the highlight shows the cursor. VFO means the active analog tuning/channel line.

1 / GETTING STARTED

1.1 Controls and transmit buttons

PTT (Push-To-Talk) transmits while held. Analog PTT 2 changes the middle and lower buttons (page 16). The top and middle share one housing. The power/volume knob is on page 4.

TRANSMIT SIDE



MENU & KEYPAD

**1 Top PTT / PoC**

Hold to speak to the selected PoC group.
Release to listen.

2 Middle PTT / Analog

Analog PTT 2 On: VFO A. Off: whichever VFO is active.

3 Lower PTT / VFO B or SK1

Analog PTT 2 On: VFO B. Off: the assigned SK1 action.

4 Green / Menu & Select

Open the main menu or confirm the highlighted on-screen choice.

5 Arrow keys / P1 & P2

P1 is Left; P2 is Right. Browse menus; shortcuts are on page 15.

6 Red / Back, End & Lock

Return or end a call. Hold to lock the keypad; hold again to unlock.

1 / GETTING STARTED

1.2 Battery, antennas and power

The long antenna serves analog UHF/VHF; the short antenna serves cellular PoC. Fit the correct supplied antenna to each connector.

REAR / POWER & BATTERY



- 1 Power / volume knob
- 2 Battery latch (above the battery)
- 3 Rear USB-C charging port
- 4 Charging-cradle contacts

SIDE / ACCESSORY PORT



- 5 Covered SP/MIC accessory and programming connection. Use the Rescue-compatible cable.

Initial setup

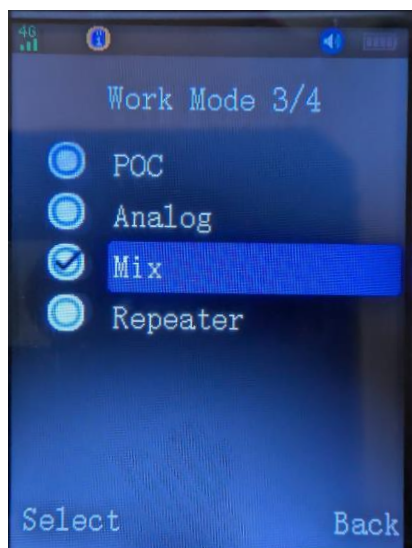
1. With the radio off, fit the battery securely and attach the belt clip.
2. Attach the long analog antenna and short cellular antenna by hand. Do not force the connectors.
3. Use the supplied cradle and adapter, or the approved rear USB-C charging connection. Check that charging begins.
4. Turn the power/volume knob to switch on. Once on, turn the same knob to adjust volume. Wait for cellular registration, then select Work Mode (page 5).

Precautions: Do not charge wet equipment or a swollen, damaged or unusually hot battery. Keep the installed SIM and account configuration unchanged.

1 / GETTING STARTED

1.3 Work Mode and keypad controls

Press Green > Work Mode, highlight the required mode with the arrows and press Green. Press Red to return to the main screen.



WORK MODE	OPERATION
POC	Receive PoC traffic only.
Analog	Receive analog radio traffic only.
Mix	Receive both PoC and analog traffic.
Repeater	Forward audio between the active analog VFO and selected PoC group; page 13.

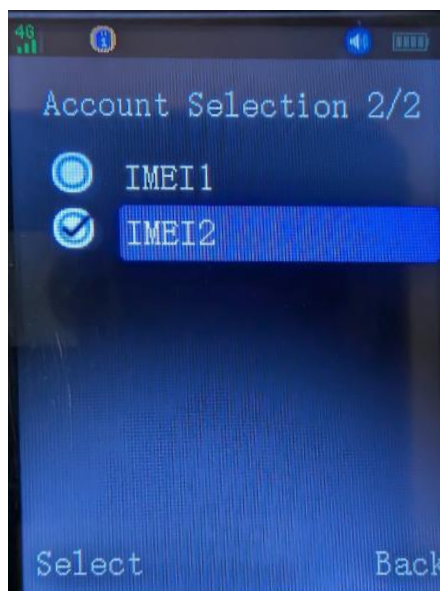
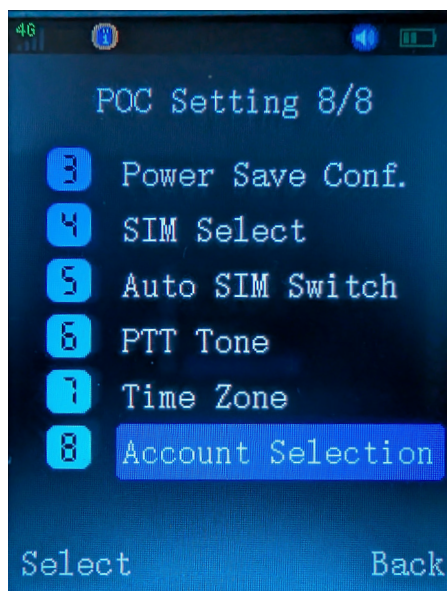
Keypad shortcuts

ACTION	CONTROL
Open Group	P1 / Left arrow with the shipping assignment. Then Group List > Green.
Lock / unlock the keypad	Hold Red to lock. Hold Red again to unlock.
Start / stop analog scanning	Hold 4; hold 4 again to stop. See page 8.
Delete the selected analog channel	Hold 3 on the selected channel; choose Ok or Cancel.
Switch PoC / Analog selection	Press * / A/B.
Switch the active analog VFO	With Analog selected, press # / VFO. Check the arrow.
Enter and save a frequency	Hold # / VFO to enter; hold again for Save to ---. Enter three channel digits, then press * / A/B. See page 10.

2 / EVERYDAY OPERATION

2.1 PoC account selection

Green > POC Setting > 8 Account Selection chooses the PoC platform account. This is separate from selecting the cellular SIM.

**IMEI1 / IMEI2**

Use the account assigned to the service you need. These entries select PoC accounts. Keep SIM Select on 1.

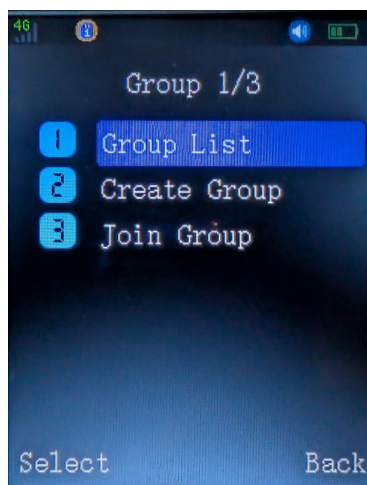
1. **Open Account Selection.** Press Green, open POC Setting, then choose 8 Account Selection.
2. **Select the assigned account.** Highlight IMEI1 or IMEI2 and press Green. Wait for it to connect.
3. **Check the service.** Confirm the displayed account and group. PRS is generally selected at shipment; account assignments can differ.
4. **Choose a group.** Return to the main screen and follow Group List on page 7. Use the top PTT for PoC.

Account Selection changes platform access. SIM Select changes the cellular connection; neither menu should be used as a substitute for the other.

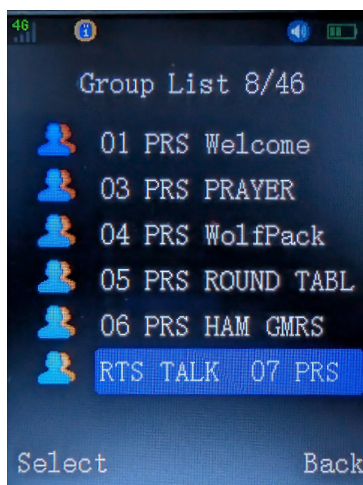
2 / EVERYDAY OPERATION

2.2 PoC groups and Quick Call

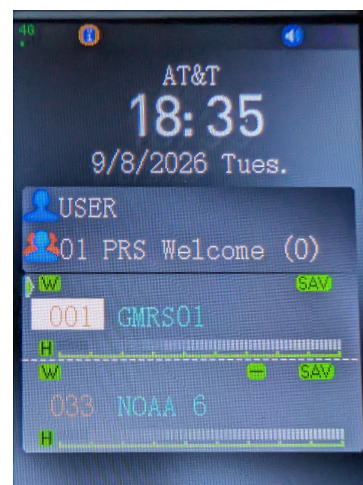
The selected PoC group determines who hears the top PTT. Quick Call changes PoC groups using an assigned shortcut. Check the selected group on the home screen before transmitting.



Group menu



Group List



Home screen / group and VFOs

Selecting a PoC group

1. With the shipping assignment, press P1 (Left arrow) to open Group.
2. Open Group List. Use the arrows to choose a group and press Green.
3. Check the group name on the main screen. Hold the top PTT to speak; release to listen.

Create Group / Join Group: These menu entries are not functional in this firmware build. Use the groups already assigned to your network.

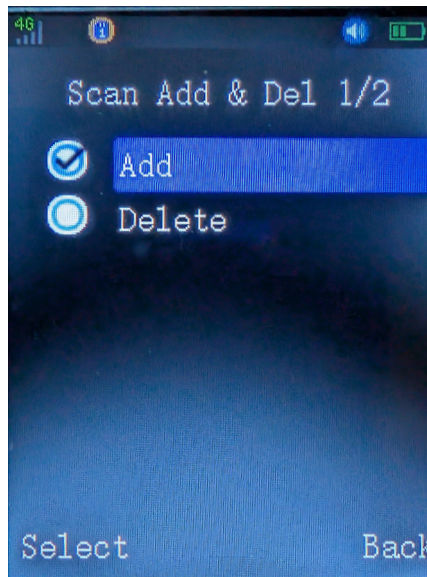
Using PoC Quick Call

1. Assign Quick Call to a programmable Short or Long action (page 15).
2. Select the intended group in Group List and assign its group quick-call key.
3. Use the assigned Quick Call action. When asked for the group quick-call key, press the key assigned to that group.
4. Confirm that the displayed PoC group has changed.

2 / EVERYDAY OPERATION

2.3 Analog operation and scanning

Analog operation works without cellular data. Green > Settings > Analog PTT 2 determines how the middle and lower PTT buttons transmit (page 16).



Analog selection

Press * / A/B for Analog, then # / VFO to change the active VFO. The arrow identifies the selection used for channel edits and single-PTT operation.

Transmitting and receiving

1. Select Analog or Mix in Work Mode.
2. Select the intended channel on A or B. Check the frequency and listen for traffic.
3. Analog PTT 2 On: middle PTT transmits on A; lower PTT transmits on B. Off: middle PTT transmits on the active VFO.
4. Hold the appropriate PTT to speak; release to receive.

Scanning stored channels

1. Open Channel Setting > 8 Scan Add & Del. Add includes the channel; Delete excludes it from scanning.
2. Hold 4 to start scanning. Hold 4 again to stop.

Skipping an active channel: Channel Setting > Jumping Frequency skips an active scan channel, such as a continuous NOAA weather broadcast.

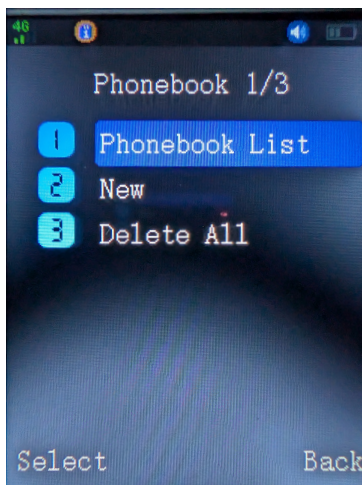
ANALOG TRANSMISSION

Use frequencies and equipment authorized for your service. GMR5 requires a license and compliant certified equipment. NOAA weather channels are receive-only. A programmed channel is not permission to transmit.

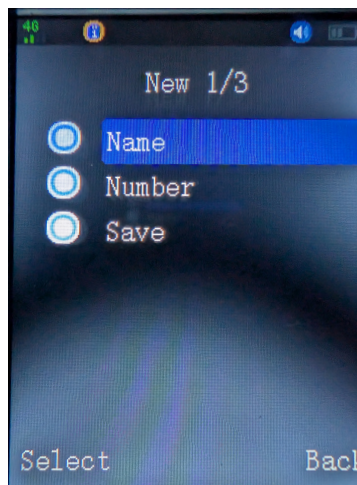
2 / EVERYDAY OPERATION

2.4 Telephone calls and phonebook

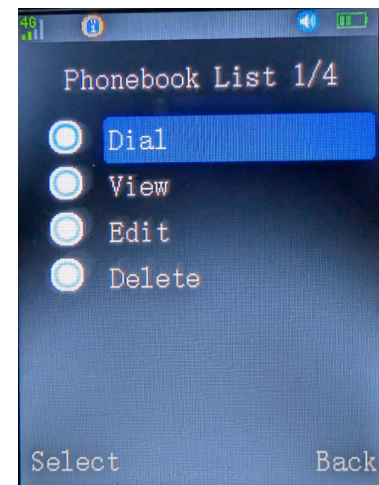
Telephone calling requires the purchased T-Mobile voice SIM, an active calling plan and cellular service. Add, call, edit and delete contacts through Green > Phonebook.



Phonebook menu



New / Name, Number and Save



Selected contact / action menu

Adding a contact

1. Open Green > Phonebook > New.
2. Open Name and enter the contact name. Open Number and enter the telephone number.
3. Select Save in the New menu. Check that the contact appears in Phonebook List.

Dialing a number directly

From the main screen, enter the area code and seven-digit number for a U.S. call. When Dial appears, press Green to call. Press Red to end the call.

Green > Call Log lists telephone calls made from the radio.

Using saved contacts

Open Phonebook List and select the intended contact, then choose an action:

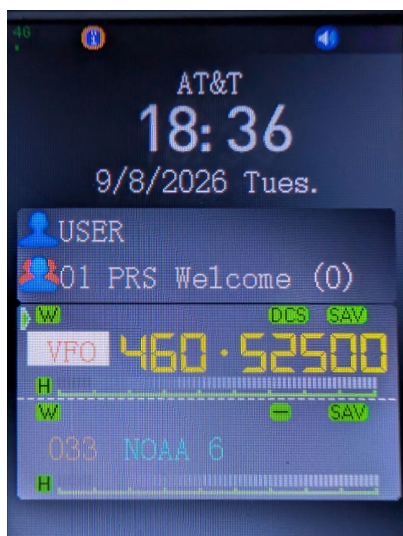
ACTION	USE
Dial	Call this contact.
View	Show the contact details.
Edit	Change this contact's details.
Delete	Remove this contact; check the selection before confirming.

Delete All in the main Phonebook menu removes the whole contact list. Use it only when that is intended.

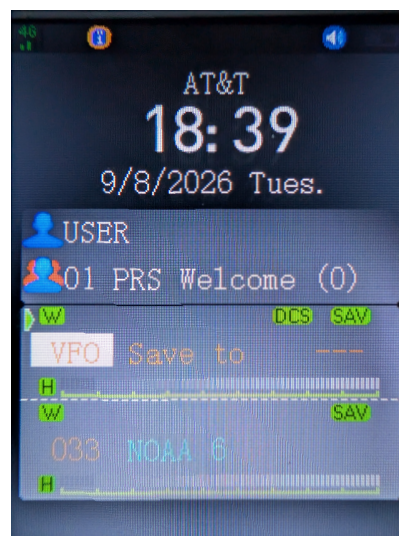
3 / ANALOG CHANNEL MANAGEMENT

3.1 Entering and saving a frequency

Talk2Me's custom build covers 136-520 MHz. Talk2Me preprograms 22 GMRS channels, 5 MURS channels and 7 NOAA weather frequencies (receive-only).



Frequency entry



Save to --- / enter a three-digit channel

1. **Select Analog and the VFO.** Press * / A/B for Analog, then # / VFO to choose A or B. Check the arrow.
2. **Enter the frequency.** With Analog highlighted, hold # / VFO. Enter the frequency with the keypad.
3. **Open the save prompt.** Hold # / VFO again until Save to --- appears.
4. **Enter the destination channel.** Use the keypad to enter all three digits, including leading zeros, such as 008.
5. **Save.** Press * / A/B to save the frequency to that channel.
6. **Verify.** Select the saved channel and check its frequency and Channel Setting values before use.

SAVING OVER AN EXISTING CHANNEL

If the destination already contains a frequency, saving overwrites it. Check the three-digit channel number before pressing * / A/B.

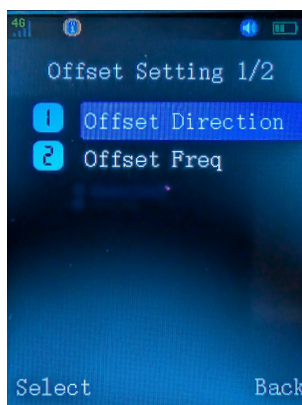
3 / ANALOG CHANNEL MANAGEMENT

3.2 Names, offsets and deletion

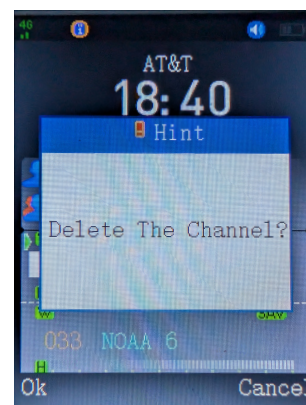
Check the active VFO arrow and stored channel before editing. Channel names, offsets and channel deletion are managed for that selected analog channel.



Channel Name editor



Offset Setting



Delete The Channel? / Ok or Cancel

Naming a saved channel

1. Select the saved channel. Open Green > Channel Setting > Channel Name.
2. Press # to cycle ABC (uppercase), abc (lowercase) and 123 (numbers).
3. Enter the name with the keypad. Pause briefly before entering another letter on the same key so the character does not cycle.
4. Up arrow moves the cursor backward; Down arrow moves it forward.
5. Use the displayed Ok control to finish. Verify the saved name.

Scan-list Delete excludes a channel from scanning. Holding 3 opens a prompt to delete the stored channel.

Entering an offset

1. Open Green > Channel Setting > Offset Setting for the selected channel.
2. Open Offset Direction. Choose Plus Offset Direction or Minus Offset Direction.
3. Open Offset Freq and enter the offset with the number pad. Verify the resulting transmit frequency.

External repeater: Receive on its output and transmit on its input. For simplex, check that no unintended offset remains.

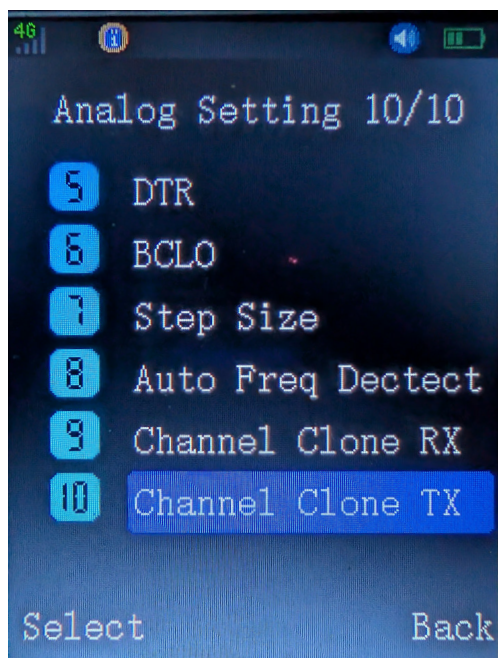
Deleting a stored channel

1. Select the intended analog channel and check its number.
2. Hold 3. Choose Ok to delete, or Cancel to keep it.

3 / ANALOG CHANNEL MANAGEMENT

3.3 Wireless channel cloning

Clone the entered source-channel range between two identical 26 Rescue Handheld radios. Occupied channels in the selected destination range are overwritten. Prepare the destination first.



Green > Analog Setting
9 Channel Clone RX
10 Channel Clone TX

Prepare the receiving radio first

1. **Destination radio:** Open Green > Analog Setting > Channel Clone RX.
2. At ---to---, enter the three-digit first and last channels to receive the programming. Leave the destination in RX, waiting for data on the programming frequency.
3. **Master radio:** Open Green > Analog Setting > Channel Clone TX. Enter the three-digit first and last source channels, for example 001 to 034. Only channels within this range are sent.
4. **Start transmission:** Confirm the master's entry (Enter). It sends the channel-programming data to the waiting destination.

Check the destination after the transfer

Verify the received channel numbers, frequencies, names, tones and channel settings before use. Save a backup of the destination programming after verification.

OCCUPIED CHANNELS ARE OVERWRITTEN

Cloning replaces occupied channels in the selected destination range. Back up both radios first (page 18) and check the source and destination ranges before starting.



4 / REPEATER OPERATION

4.1 Starting and stopping the link

Repeater mode forwards audio in both directions between the active analog VFO/frequency and the selected PoC group/channel. Read the warning before enabling the link.

Repeater Mode Warning:

- **Unauthorized RF linking may violate FCC rules. Use only with proper licensing and permission.**
- **You are responsible for all RF audio repeated into PoC, including third-party transmissions.**
- **Do not link repeaters, nodes, or talkgroups without explicit owner approval.**
- **A licensed control operator must monitor and be able to shut down the link at all times.**
- **Improper linking may result in immediate suspension of PoC access.**

Starting and stopping

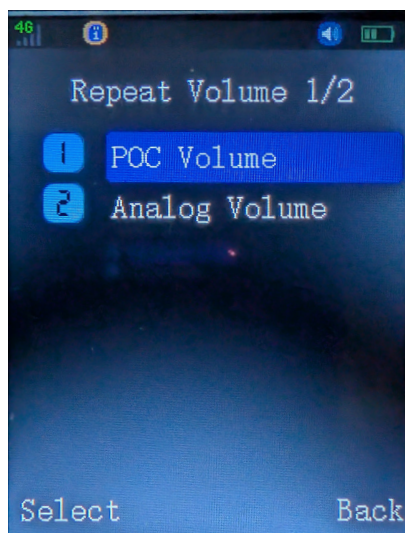
1. Select the intended PoC group and active analog VFO. Check the analog frequency, transmit settings and permissions for both sides of the link. NOAA weather channels are receive-only.
2. Open Green > Work Mode, select Repeater and confirm with Green. Received analog audio is sent to the selected PoC group; received PoC audio is sent to the active analog frequency.
3. To stop repeating, open Work Mode and select POC, Analog or Mix.

Local transmission: You can still use the radio's PTT buttons in Repeater mode. The PTT mapping is on page 16; repeated and speaker audio controls follow on page 14.

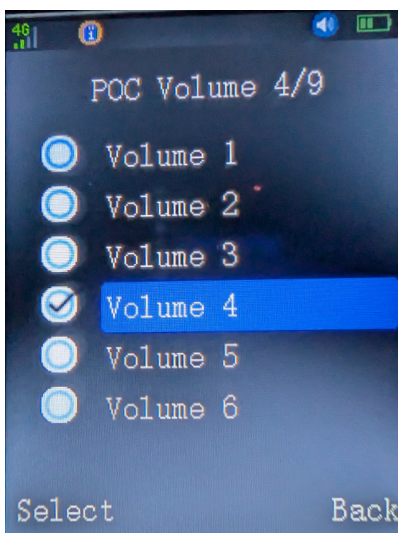
4 / REPEATER OPERATION

4.2 Repeater audio controls

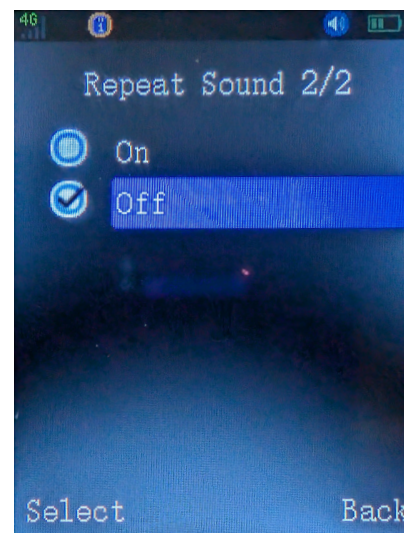
RX Priority affects local listening only. Settings > Repeat Volume adjusts repeated audio levels. Settings > Repeat Sound controls whether transmissions are heard on the radio itself.



Repeat Volume / two audio paths



POC Volume / level selection



Repeat Sound / On or Off

CONTROL	BEHAVIOR IN REPEATER MODE
Repeat Volume > POC Volume / Analog Volume	Set the audio levels for transmissions passing into and out of the PoC/analog channels. These levels stay fixed regardless of the power/volume knob position.
Repeat Sound: Off	No audio plays on the radio while repeating continues.
Repeat Sound: On	Transmissions play through the radio speaker. The knob controls the local speaker volume.
Power / volume knob	With Repeat Sound On, adjust the listening level here. This does not change the repeated-transmission levels.

Select the desired POC Volume and Analog Volume levels, then choose whether local audio should be heard. Keep both repeated audio levels appropriate for the linked channels.

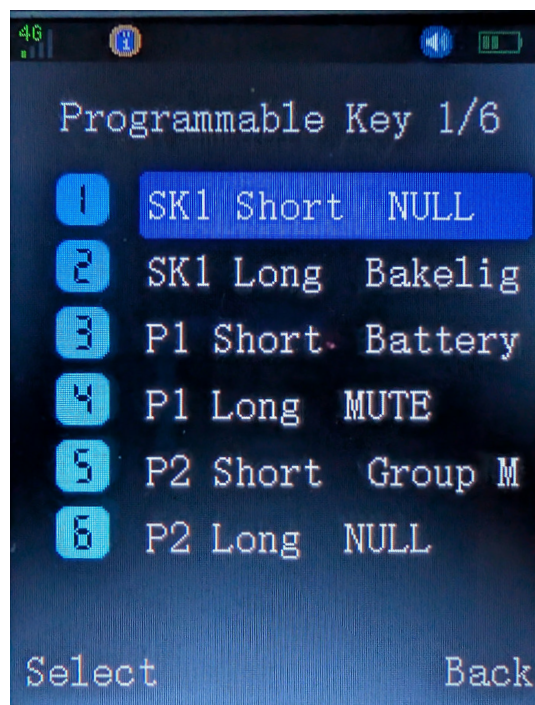
POC Volume: levels 1-9. Set Analog Volume in its separate menu.



5 / RADIO CONFIGURATION

5.1 Programmable key assignments

Green > Settings > 5 Programmable Key. SK1, P1 and P2 each have Short and Long entries. All six entries offer the same action list (page 31).



Current assignments appear beside each key. Shipping assignments are listed below.

Physical key locations

KEY	LOCATION
P1	Left arrow key.
P2	Right arrow key.
SK1	Bottom PTT button; active as SK1 only when Analog PTT 2 is Off.

When Analog PTT 2 is Off, the middle PTT is the only analog transmit button and uses the active VFO. See page 16.

Shipping assignments

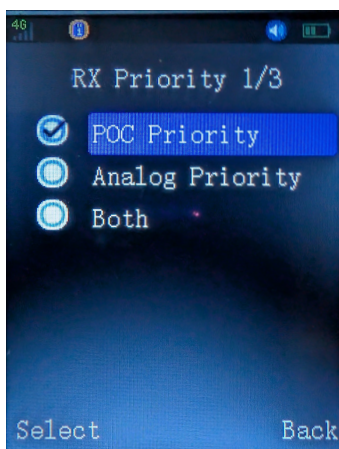
KEY	SHORT PRESS	LONG PRESS
SK1	None (NULL)	None (NULL)
P1 / Left arrow	Group	None (NULL)
P2 / Right arrow	Group Members	None (NULL)

To change an assignment, select the key and Short or Long entry, choose an action and confirm with Green. Remapping P1 or P2 changes its main-screen shortcut.

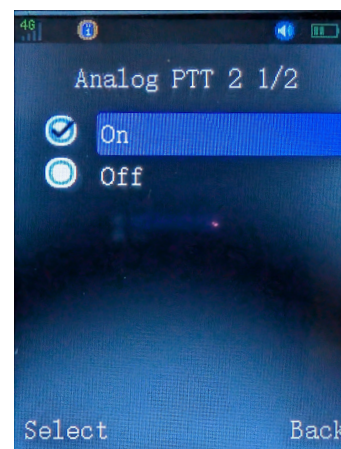
5 / RADIO CONFIGURATION

5.2 Receive priority and analog PTT

Green > Settings. RX Priority affects local listening only. Analog PTT 2 determines whether the bottom button transmits on VFO B or operates as SK1.



6 RX Priority



7 Analog PTT 2

RX PRIORITY	LOCAL LISTENING
POC Priority	Give PoC audio priority for local listening.
Analog Priority	Give analog audio priority for local listening.
Both	Keep the source already receiving. If the other source starts while audio is active, the radio does not switch to it; the current source retains priority.

Analog PTT 2: On or Off

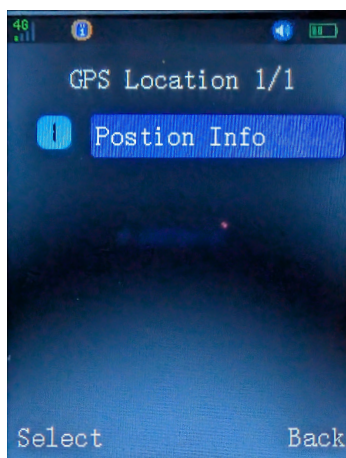
BUTTON	ON	OFF
Middle PTT	Transmit on VFO A.	Transmit on whichever VFO is active (A or B).
Bottom PTT	Transmit on VFO B.	Run the assigned SK1 Short or Long action; no analog PTT function.

With Off selected, check the active VFO arrow before using the middle PTT. The top PTT remains the PoC transmit button. Set SK1 actions on page 15.

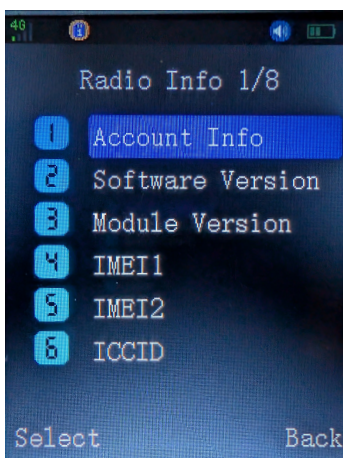
5 / RADIO CONFIGURATION

5.3 GPS/SOS and Radio Info

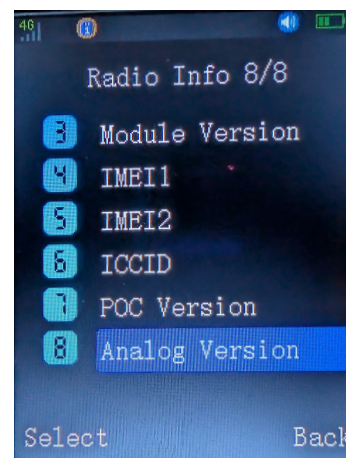
GPS/SOS is an optional paid service. SOS works only on networks where it has been activated, typically private networks. Assign the SOS control before use.



GPS Location > Position Info



Radio Info / items 1-6



Radio Info / items 3-8

Position Info: Shows GPS coordinates when the GPS service has been purchased and activated.

Sending and stopping SOS

1. Open Green > Settings > Programmable Key. Assign SOS to the desired Short or Long action (page 15).
2. On an SOS-enabled network, use that assigned key action. Everyone on the selected channel receives the SOS alert tone.
3. To stop SOS, turn the radio off and back on using the power knob. Alternatively, remove and refit the battery, then switch the radio on.

Radio information

FIELD	USE
Account Info	Identify the assigned PoC account.
Software / Module Version	Record the displayed version labels for support.
IMEI1 / IMEI2 / ICCID	Provide the identifiers requested by support.
POC / Analog Version	Record both firmware components.

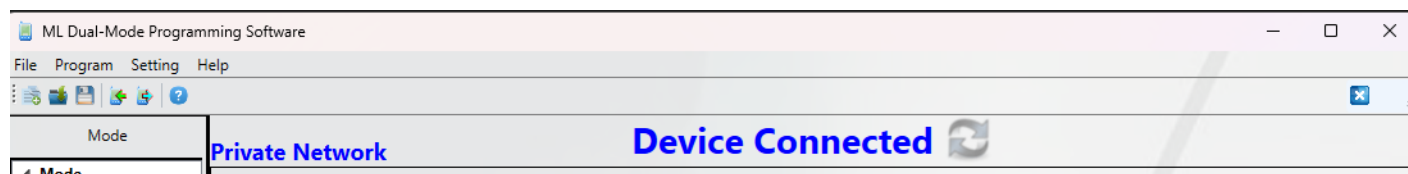
Talk2Me installs the current firmware before shipment. Record your radio's version when requesting support.

PoC groups and SOS do not dial 911. Everyone on the channel receives the SOS alert tone.

6 / COMPUTER PROGRAMMING

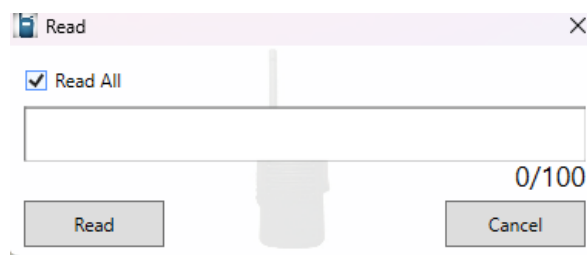
6.1 Reading and backing up the radio

Use ML Dual-Mode Programming Software version 1.01.0025, the current Talk2Me-supplied version. Use the Rescue-compatible programming cable and supplied driver.

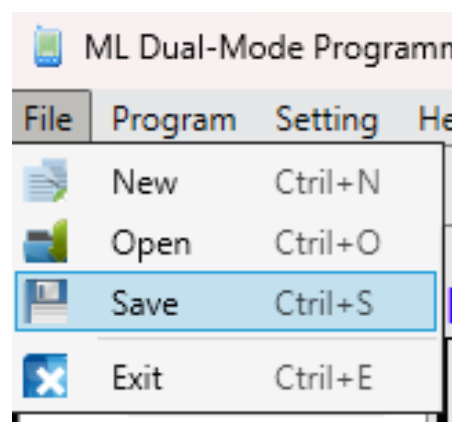


Device Connected confirms the software can communicate with the radio.

1. **Connect.** Secure the Rescue programming cable, connect it to the computer and turn on the radio.
2. **Check the status.** Wait for Device Connected. If disconnected, check the cable, radio power and supplied driver before proceeding.
3. **Read the radio.** Choose Program > Read, select Read All and click Read. Wait for the operation to finish.
4. **Save the original.** Choose File > Save. Name the file with the radio identity and date. Keep it as the unchanged backup and edit a working copy.



Program > Read / Read All



File > Save

Programming software: talk2meus.com

The software is also emailed automatically when you purchase the radio.

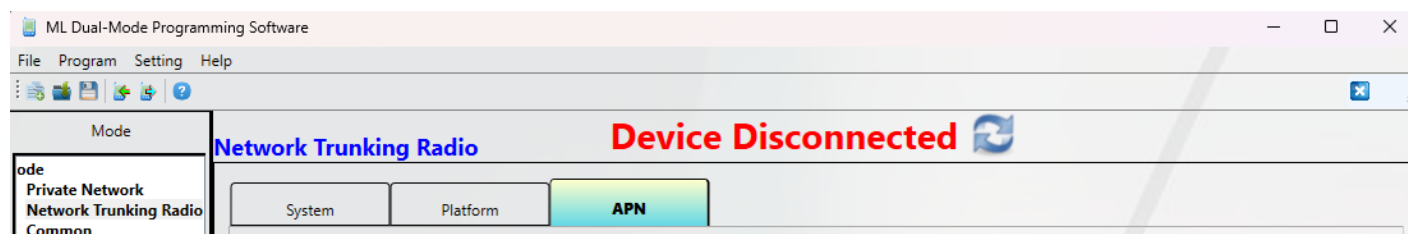
DURING TRANSFERS

Keep radio power and the cable connected until reading or writing has finished. Read and save this radio before changing its programming.

6 / COMPUTER PROGRAMMING

6.2 Checking the APN

After reading the radio, the APN field should show wdata. Check this value before writing your analog channel changes back to the radio.



Mode > Network Trunking Radio > APN. Wait for Device Connected before reading or writing.

APN Enable	☒
PDP Type	IPV4
Authentication Mode	NONE
PDP Index	1
APN	wdata
User	
Password	

Expected APN

wdata

Read the radio before checking this value.

Check the value after reading

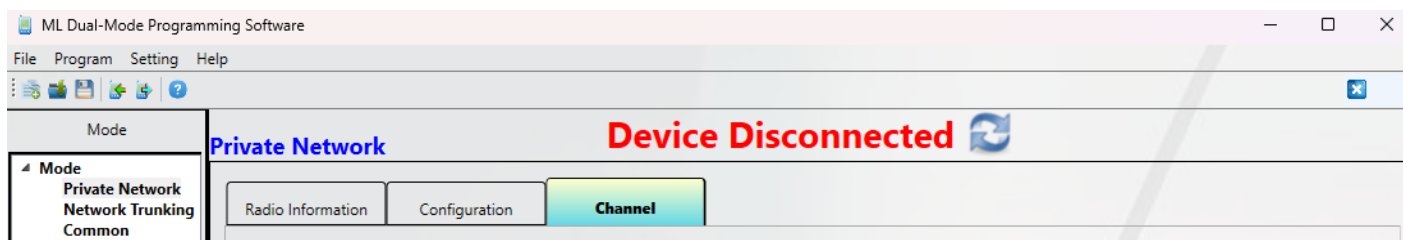
1. Complete Read All on the connected radio and save its original configuration (page 18).
2. Open Mode > Network Trunking Radio, select the APN tab and confirm that APN reads wdata.
3. If a read radio shows a different APN, contact Talk2Me before writing. Keep the remaining connection settings as read.

Next: configure and write the analog channels on page 20.

6 / COMPUTER PROGRAMMING

6.3 Writing and verifying programming

Version 1.01.0025 supports adding and configuring analog channels, including CTCSS/DCS tones, output power and bandwidth. These settings can be programmed in the software.



Mode > Private Network > Channel opens the analog channel editor. Here, Private Network is a software section; it does not select a private PoC account.

Configure and write the channels

1. Read and back up this radio (page 18), check the APN (page 19) and open a working copy.
2. Choose Mode > Private Network > Channel. Select the channel to edit or add the required channel.
3. Set the channel name and required frequencies. Configure CTCSS/DCS tones, output power and bandwidth for the intended channel.
4. Check Device Connected. Choose Program > Write, select Write All and click Write. Wait for completion before disconnecting.

Verify the saved channels

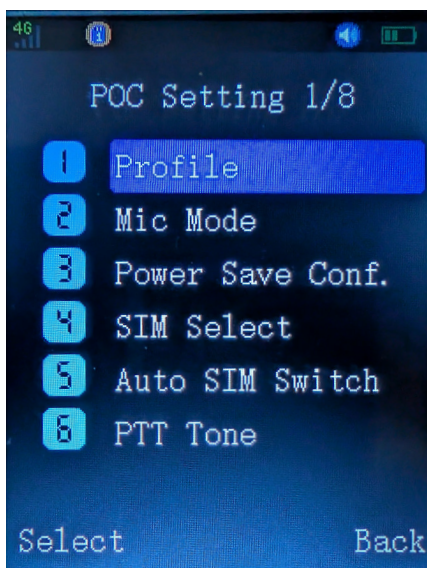
CHECK	ON THE RADIO
Frequency and name	Confirm the channel name and receive/transmit frequencies. Check offsets under Channel Setting > Offset Setting.
CTCSS/DCS tones	Check the saved RX and TX tone/code choices.
Power and bandwidth	Confirm the saved power and bandwidth match the intended settings.

Keep account, SIM and APN values intact while editing analog channels.

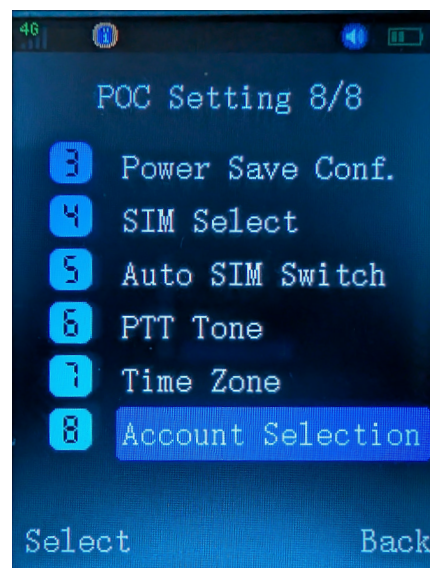
A / MENU REFERENCE

A.1 POC Setting menu

Green > POC Setting contains eight entries. This is a single-SIM radio: keep SIM Select on 1 and Auto SIM Switch Off. Detailed settings follow on pages 22–23.



POC Setting / items 1-6



POC Setting / items 3-8

MENU ENTRY	PURPOSE / REFERENCE
1 Profile	Speaker-profile volume limits; page 22.
2 Mic Mode	Low / Middle / High microphone gain; page 22.
3 Power Save Conf.	Power Save Level and Sleep Switch; page 22.
4 SIM Select	Keep set to 1; page 23.
5 Auto SIM Switch	Keep Off; this radio has one SIM; page 23.
6 PTT Tone	On / Off; page 23.
7 Time Zone	UTC offset selection; page 23.
8 Account Selection	Assigned IMEI1 / IMEI2 PoC account; page 6.

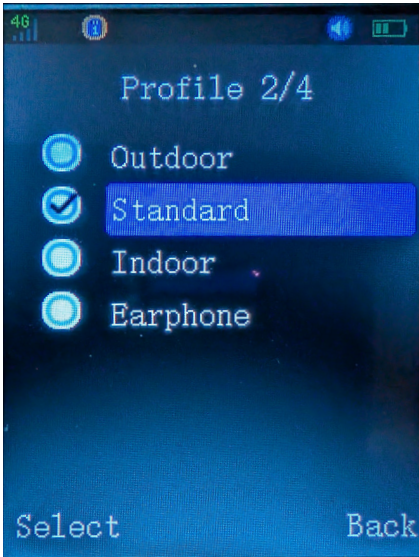
Use the arrows to move the highlight, then Green to confirm. A check mark identifies the selected value; a highlighted row alone may only have focus.



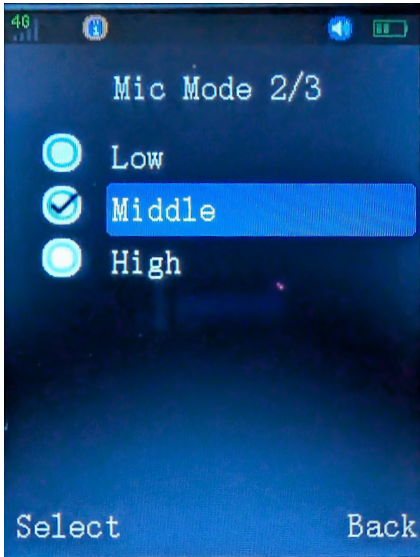
A / MENU REFERENCE

A.2 PoC audio and power settings

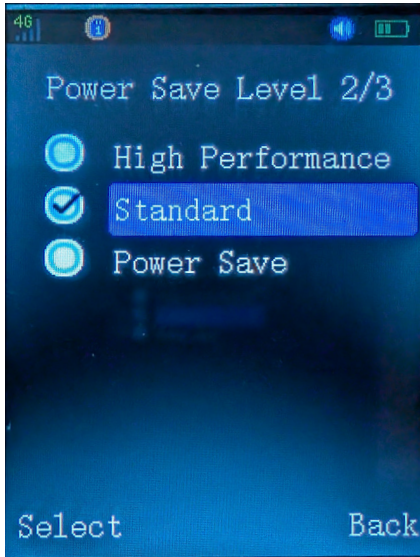
Green > POC Setting. Select an item with the arrows and confirm with Green. The top knob adjusts listening volume within the selected speaker profile limits.



Profile



Mic Mode



Power Save Level

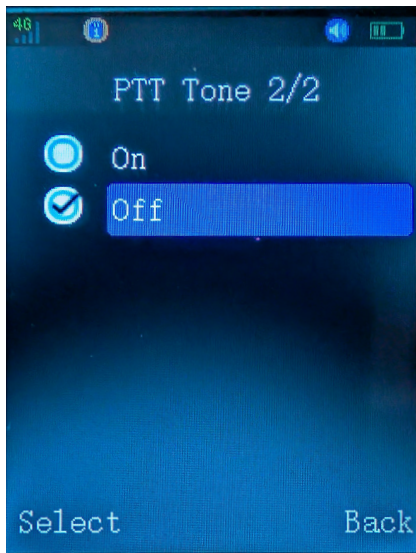
MENU PATH	CHOICES / OPERATION
1 Profile	Outdoor / Standard / Indoor / Earphone. Speaker profiles set internal volume limits. Outdoor allows maximum output; Indoor reduces the maximum.
2 Mic Mode	Low / Middle / High. Adjusts microphone gain, making transmitted speech quieter or louder. Check speech with another radio after a change.
3 Power Save Conf. > Power Save Level	High Performance / Standard / Power Save.
3 Power Save Conf. > Sleep Switch	On / Off.



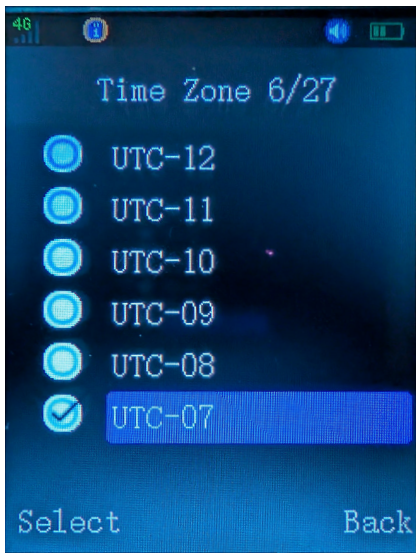
A / MENU REFERENCE

A.3 PoC tones, time and SIM settings

Green > POC Setting. This single-SIM radio ships with the SIM type purchased: data-only or T-Mobile. Ordinary telephone calling requires an active voice plan.



PTT Tone / On or Off



Time Zone / UTC offset list

MENU ENTRY	OPERATING REFERENCE
4 SIM Select	Keep set to 1. This selects the installed SIM in this single-SIM radio.
5 Auto SIM Switch	Keep Off. Automatic SIM switching is not used on this single-SIM build.
6 PTT Tone	On / Off controls the PoC transmit-tone preference.
7 Time Zone	Choose the current UTC offset for your location.

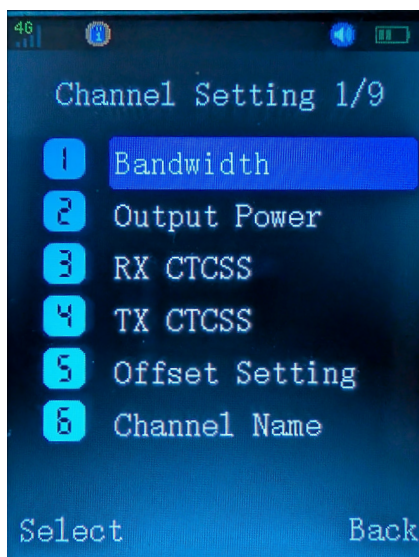
Coverage and roaming depend on the active plan and local carrier service. Check the account and group as well as the cellular signal when troubleshooting.



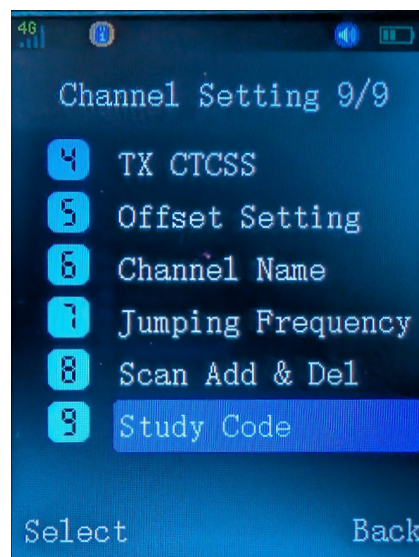
A / MENU REFERENCE

A.4 Channel Setting menu

Green > Channel Setting applies to the highlighted analog line. Confirm A or B before opening it. All nine entries are shown below.



Channel Setting / items 1-6



Channel Setting / items 4-9

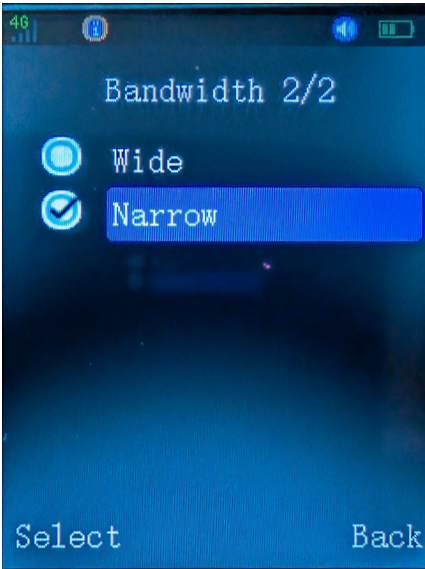
MENU ENTRY	WHAT IT CONTROLS / REFERENCE
1 Bandwidth	Wide / Narrow; page 25.
2 Output Power	High Power / Low Power; page 25.
3 RX CTCSS	Receive signaling filter choices; page 25.
4 TX CTCSS	Transmit signaling choices; page 25.
5 Offset Setting	Plus / Minus Offset Direction and numeric Offset Freq; page 11.
6 Channel Name	Stored channel name, input modes and cursor controls; page 11.
7 Jumping Frequency	Skips an active channel during scanning, such as a continuous NOAA broadcast; page 8.
8 Scan Add & Del	Include or exclude a channel from scanning; page 8.
9 Study Code	RX (receive) learning mode. Keep Off for normal operation.



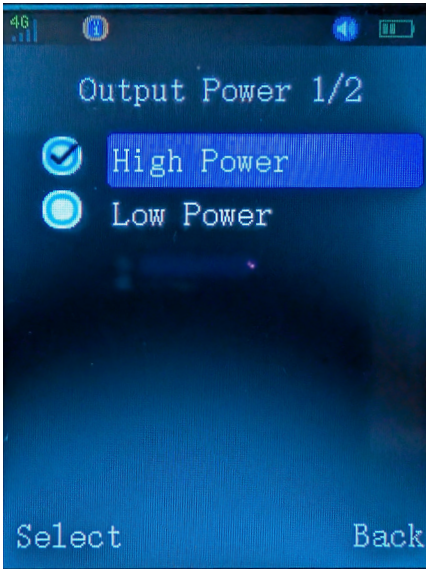
A / MENU REFERENCE

A.5 Bandwidth, power and signaling

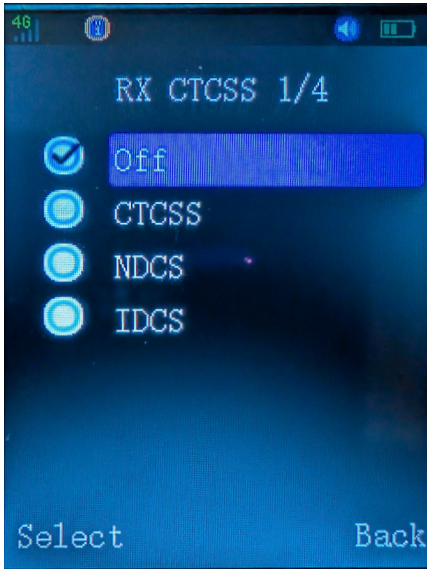
Select the analog line, then Green > Channel Setting. Use the settings required by the service and by the radio or repeater you intend to contact.



Bandwidth



Output Power



RX CTCSS

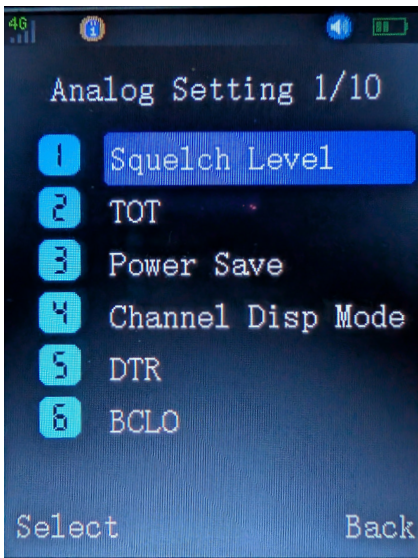
SETTING	CHOICES AND CHECKS
Bandwidth	Wide / Narrow. Use the bandwidth required for the channel.
Output Power	High Power / Low Power. Use the permitted setting for the service.
RX CTCSS	Off / CTCSS / NDCS / IDCS. A mismatched receive filter can hide incoming traffic.
TX CTCSS	Off / CTCSS / NDCS / IDCS. Match the signaling required by the receiving radio or repeater. Set the agreed tone or code for the channel.

A tone or code does not provide encryption or privacy. Confirm the saved receive and transmit settings before an authorized radio check.

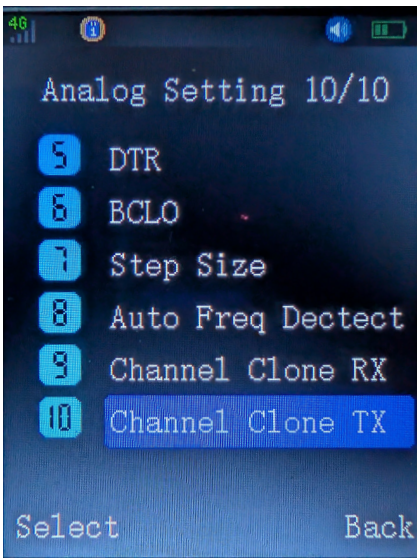


A.6 Analog Setting menu

Green > Analog Setting controls analog receive/transmit behavior, tuning and wireless channel cloning. Use the page references to find each procedure or setting.



Analog Setting / items 1-6



Analog Setting / items 5-10

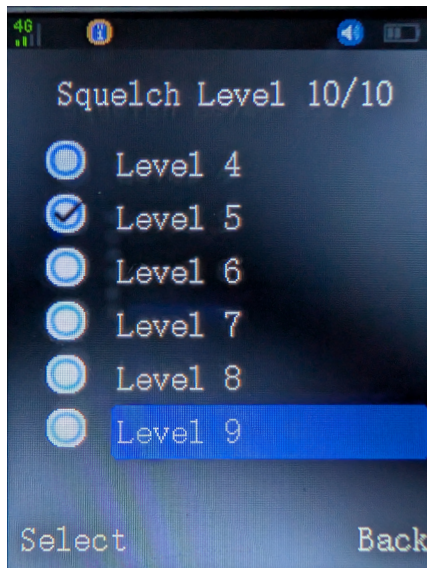
MENU ENTRY	REFERENCE
1 Squelch Level	Levels 0-9; receive-audio threshold; page 27.
2 TOT	Continuous-transmission timeout; page 27.
3 Power Save	Select to view the available options.
4 Channel Disp Mode	Frequency / Alias; page 27.
5 DTR	On is the shipping default. Leave DTR On.
6 BCLO	Busy Channel Lockout. Retain the supplied Off setting.
7 Step Size	Tuning increments; page 28.
8 Auto Freq Detect	Frequency-detection function; page 28.
9 Channel Clone RX	Destination radio receives programming; page 12.
10 Channel Clone TX	Master radio sends programming; page 12.



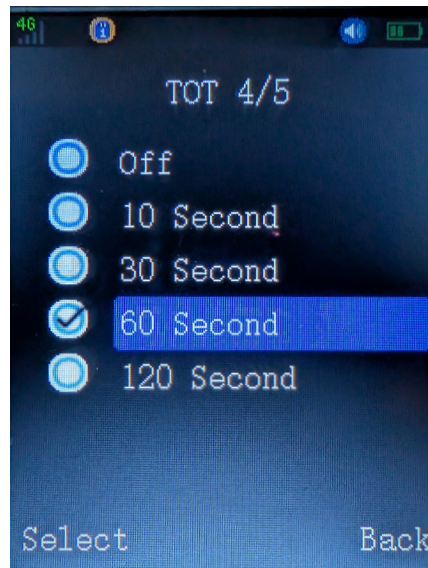
A / MENU REFERENCE

A.7 Squelch, timeout and display

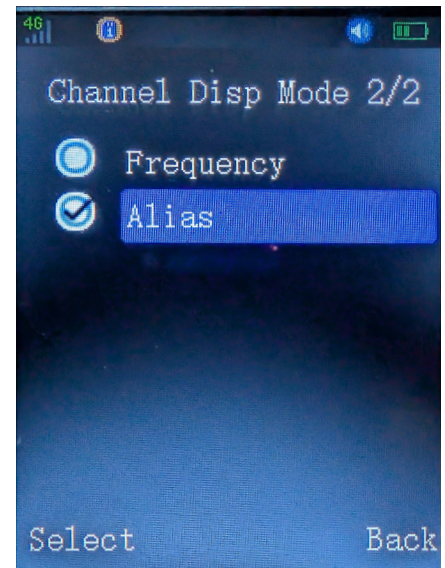
Green > Analog Setting. Confirm that a setting change has the expected effect before returning the radio to regular use.



Squelch Level / lower list



TOT / complete list



Channel Disp Mode

SETTING	CHOICES / USE
1 Squelch Level	Level 0 through Level 9. Controls when received audio opens. A high threshold can hide weak signals.
2 TOT	Off / 10 Second / 30 Second / 60 Second / 120 Second. Limits the length of a continuous analog transmission.
4 Channel Disp Mode	Frequency shows the frequency; Alias shows the stored channel name. Both formats identify the same stored channel.

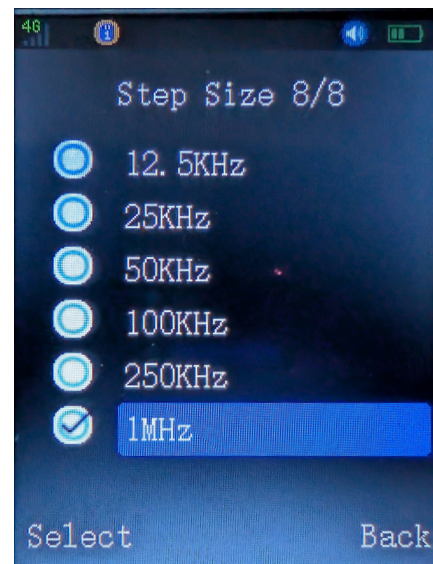
A check mark identifies the saved setting. Move the highlight with the arrows and press Green to confirm a different value.

A.8 Tuning settings

Green > Analog Setting > Step Size sets the analog tuning increment. Frequency entry and channel saving are described in Chapter 3.



Step Size / upper list



Step Size / lower list

Step Size choices

SMALLER INCREMENTS	LARGER INCREMENTS
5 kHz	50 kHz
6.25 kHz	100 kHz
12.5 kHz	250 kHz
25 kHz	1 MHz

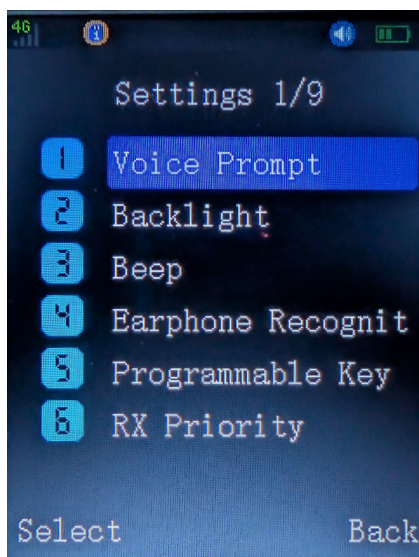
Use the tuning increment appropriate to your channel plan.

Auto Freq Detect: Frequency detection is available in Analog Setting and as a programmable-key action.

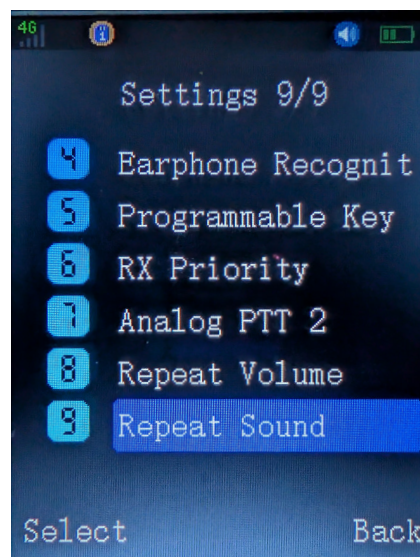
[A / MENU REFERENCE](#)

A.9 Settings menu

Green > Settings contains the display, sound, programmable-key, receive-priority and repeater controls. This table links each entry to its operating instructions.



Settings / items 1–6



Settings / items 4–9

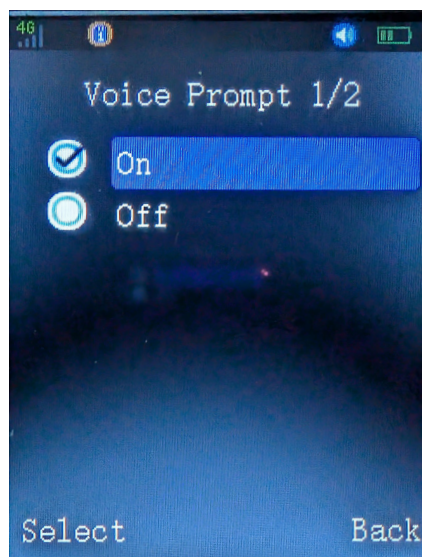
MENU ENTRY	REFERENCE
1 Voice Prompt	On / Off; page 30.
2 Backlight	Backlight duration and Call Backlight; page 30.
3 Beep	Off / On; page 30.
4 Earphone Recognit	Leave Earphone Recognition on Automatic; page 30.
5 Programmable Key	Assignments and shipping defaults: page 15. Action list: page 31.
6 RX Priority	Local listening: POC Priority / Analog Priority / Both; page 16.
7 Analog PTT 2	Dual analog PTT or active-VFO PTT with SK1; page 16.
8 Repeat Volume	Fixed levels for the repeated audio paths; page 14.
9 Repeat Sound	Local audio On / Off in Repeater mode; page 14.

Earphone Recognit is abbreviated in the parent menu; the child screen reads Earphone Recognition.

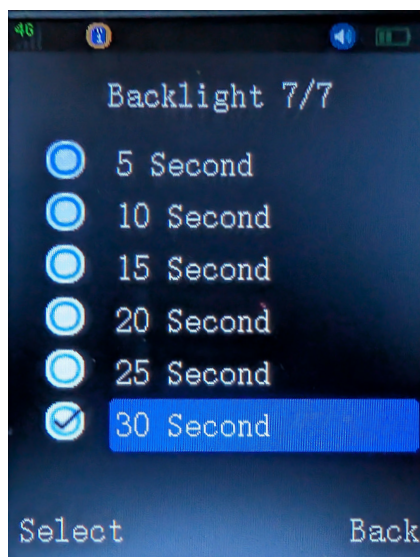
A / MENU REFERENCE

A.10 Display, prompts and accessories

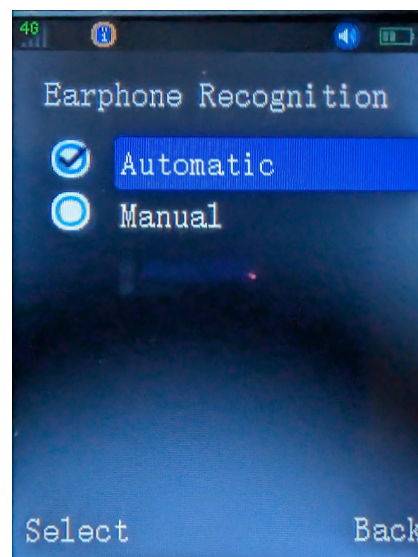
Green > Settings. Keep Earphone Recognition on Automatic. A speaker with an X in the top status bar indicates MUTE; use the assigned MUTE key action again to unmute.



Voice Prompt



Backlight / lower list



Earphone Recognition / keep Automatic

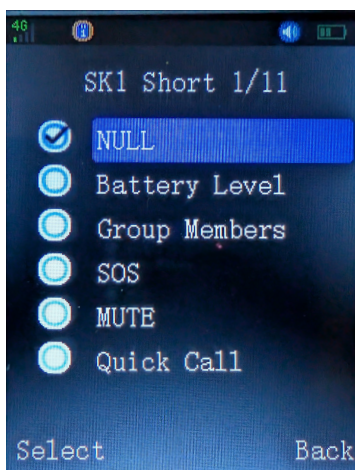
MENU PATH	CHOICES / OPERATION
1 Voice Prompt	On / Off for spoken prompts.
2 Backlight > Backlight	Continue; 5, 10, 15, 20, 25 or 30 Second. Select screen-light duration. Continue keeps the light on.
2 Backlight > Call Backlight	On / Off. When On, responds to incoming PoC, analog and telephone calls.
3 Beep	Off / On for beep sounds.
4 Earphone Recognition	Leave on Automatic. All radio sounds are routed to a connected earphone or shoulder mic as soon as it is connected.

MUTE and Monitor are toggled through programmable keys. Assign the desired Short or Long action on page 15; operate it once to enable and again to disable.

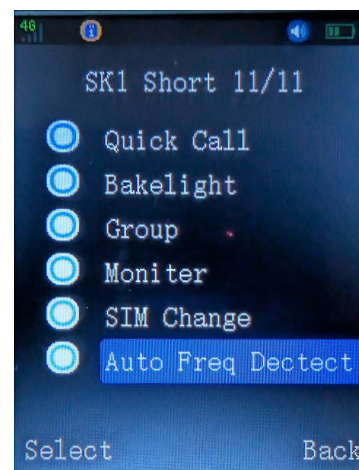
[A / MENU REFERENCE](#)

A.11 Programmable key action list

All Short and Long entries for SK1, P1 and P2 offer these eleven choices. MUTE and Monitor toggle on/off. SOS, Quick Call and unavailable SIM Change are described below.



Actions 1-6 / same list for all six entries



Actions 6-11

ACTION LABEL	OPERATION
NULL	No action assigned.
Battery Level	Battery information action.
Group Members	Displays current members in a private network.
SOS	Alerts everyone on the selected channel on an activated network. Restart the radio to stop SOS; page 17.
MUTE	Toggles all audio off/on. A speaker with an X marks muted audio. Use the same key action again to unmute.
Quick Call	PoC group shortcut: use Quick Call, then the assigned group quick-call key; page 7.
Bakelight	Backlight control.
Group	Opens Group; the shipping P1 Short assignment.
Monitor	Toggles open squelch on the active VFO. Use the same key action again to return to normal squelch.
SIM Change	Not operational on this single-SIM device. Leave unassigned.
Auto Freq Detect	Frequency-detection action.



B / TROUBLESHOOTING AND SUPPORT

B.1 Troubleshooting

Check the active VFO, Work Mode, programmed key actions and the audio controls for the current mode before changing other settings.

SYMPTOM	CHECK FIRST
No power / will not charge	Power/volume knob, battery fit, charging connection, cable and power source. Stop if wet, damaged or unusually hot.
PoC offline / no groups	Check signal, plan, account and group. Keep SIM Select on 1 and Auto SIM Switch Off. Wait for registration, then restart once if needed.
PoC or analog has no audio	Toggle the assigned MUTE action off if the speaker has an X. Check volume, Automatic accessory routing, RX Priority, Work Mode and the selected group/frequency.
Repeater works but radio is silent	Check Repeat Sound. Off silences local radio audio; On enables it and the knob controls the speaker. Also check MUTE and connected accessories.
Knob does not change repeated audio	In Repeater mode, set Repeat Volume > POC Volume / Analog Volume. These transmission levels are independent of the knob.
Analog PTT behaves differently	Check Analog PTT 2 (page 16). Off makes the middle PTT use the active VFO and the bottom button use SK1.
Others cannot hear analog	Check the active VFO and PTT, transmit authorization, TX frequency/offset, tones, bandwidth, power and antenna.
Wrong channel changed / deleted	Check the VFO arrow and channel. Saving to an occupied channel overwrites it; holding 3 opens its deletion prompt (page 11).
Keypad will not respond	Hold Red to unlock; hold again to lock.
Software stays disconnected	Check the Rescue cable, programming connection, radio power and supplied driver. Stop before any write.

Contacting support: Record Work Mode, Analog PTT 2, group, active VFO/channel, audio settings and checks completed. Attach a photo or short video to the ticket.

**B / TROUBLESHOOTING AND SUPPORT**

B.2 Care, support and warranty

Check the radio, battery, antennas and accessory connection before use. Keep a backup communication method when coverage or equipment could fail.

Care and service

Power off before fitting accessories or servicing the battery. Keep connectors dry and protected. Avoid excessive heat, impacts and damaged cables. Use the battery, charger, antennas and accessories approved for this exact model.

Keep the radio and charging contacts dry before charging. Avoid unnecessary long transmissions and follow the supplied manufacturer safety instructions.

Returns and warranty

Eligible direct-store hardware has a 30-day return window under the current policy; conditions and fees apply. Manufacturing-defect claims are handled under the one-year limited warranty and require inspection.

Start with support and obtain shipping instructions before sending equipment. Marketplace returns follow that marketplace's process. Read the complete policy for exclusions and terms.

[Read the full return policy](#)

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