

Talkpod A36plus 8W Two-Way Radio Manual

Thank you for your interest in our product. This manual will help you quickly understand how to use the product.
(Applicable to A36plus 8W M13B5UV3 version)

Disclaimer

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Safety Precautions

Please read these concise rules. Failure to follow them could lead to danger or legal violations. More detailed information about safety is provided in this user manual.



Safe Power On

Do not power on the walkie-talkie when its use is prohibited or could cause interference or danger.



Pay Attention to Traffic Safety

Please comply with all relevant local traffic laws and regulations, and try to drive with both hands as much as possible.



Interference

All walkie-talkies may be subject to interference from external signal sources, which can affect communication effectiveness.



Power Off in Hospitals

Please comply with any relevant restrictions and power off when near medical equipment.



Power Off on Airplanes

Please adhere to any relevant restrictions. Using walkie-talkies on an airplane can interfere with its operation.



Power Off During Refueling

Do not use the walkie-talkie at a gas station. Please turn off the walkie-talkie when near fuel or chemicals.

Proper Use

Use the walkie-talkie only in the normal position as described in the product documentation. Avoid touching the antenna area unless necessary.

Use Qualified Maintenance Services

Only qualified service personnel should install or repair this walkie-talkie.

Accessories and Batteries

Only use approved accessories and batteries. Do not use non-original accessories and batteries.

Keep Dry

Your walkie-talkie has delicately designed electronic circuits, so please keep it dry.

Make Backups

Remember to make backups of the usage frequencies stored in the walkie-talkie.

Linking Additional Equipment

Read the user manual of the device for detailed safety instructions. Do not connect incompatible products.

Familiarize Yourself with A36Plus 8W Version

Power/Volume Control

Turn clockwise until you hear a "click" to turn on the walkie-talkie; turn counterclockwise until you hear a "click" to turn it off. Rotate the switch left or right to adjust the volume.

Antenna

A rubber antenna used for receiving and transmitting signals.

Status Indicator Light

The light turns red during transmission and green when a signal is received.

Speaker

The component responsible for outputting audio signals, allowing the user to hear incoming communications clearly through the walkie-talkie.

Microphone

The component used for inputting sound, allowing the user to transmit their voice through the walkie-talkie.

LCD Display

Shows the operational status of the walkie-talkie, including signal strength, channel number, and other functional indicators.

SOS Button

Press and hold to initiate an SOS distress signal; a short press can be customized for other functions.

Numeric Keypad

Used for entering frequencies and accessing various functions.

Up/Down Selector

Used to adjust the displayed frequency, select menu numbers, or navigate through menu options.

PTT (Push-To-Talk) Button

Press the PTT button to switch the walkie-talkie to transmission mode; release it to return to reception mode.

Side Keys 2 and 3

These can be customized through the menu to perform specific functions as set by the user.

Headphone Jack

Used for connecting headphones; or for connecting a programming cable, allowing frequency programming and software updates via PC software.

Attachment Installation

Installing the Battery:

Align the battery with the two small slots at the bottom of the walkie-talkie case. Press the battery towards the aluminum plate until you hear a "click" from the small sliders on both sides at the top, indicating the battery is installed.

Removing the Battery:

There are two small sliders with arrow symbols on the top sides of the battery. Press them down simultaneously to remove the battery.

Installing the Belt Clip:

Remove the battery, then press the belt clip downwards into the smooth slot on the back of the battery until it clicks into place.

Removing the Belt Clip:

Remove the battery, press the elastic plastic piece in the middle of the belt clip towards the walkie-talkie, and pull the belt clip upwards to detach it.

Installing the Antenna:

Hold the base of the antenna and screw it clockwise into the antenna socket at the top of the walkie-talkie until it is tight.

Removing the Antenna:

To remove the antenna, unscrew it counterclockwise.

Installing Purchased Accessories like Headset, Speaker Microphone, or Programming Cable:

Lift the earphone cover and insert the standard K-type connector into the dual-hole interface.

Battery Information

Charging Precautions:

Batteries are not charged at the factory, so please charge new or long-unused rechargeable batteries before use. Charging/discharging the battery two or three times will bring it to its optimum capacity. When the battery power is low, recharge the battery or replace it. Use only Talkpod-designated batteries for charging; using other batteries may lead to explosion and cause injury.

- Do not short-circuit the battery terminals or dispose of batteries in fire. Do not attempt to disassemble the battery pack.
- The charging environment should be between 0°C and 40°C. Charging outside this range may affect the proper charging of the battery.
- Power off the walkie-talkie with the battery installed during charging. Using the walkie-talkie while charging can hinder the proper charging of the battery.
- Avoid unplugging the power and battery during the entire charging

process to prevent interference with the charging program.

- If the usage time significantly decreases even after a full charge, it indicates the battery's end of life. Please replace it with a new one.
- If the battery is fully charged, do not unplug and replug it for charging again, as this may shorten the life or damage the battery.
- Do not charge when the battery or walkie-talkie is wet. Before charging, dry it with a cloth to avoid danger.

All batteries can cause damage or injury when conductive metals like jewelry, keys, or ornaments touch the electrodes. These conductive metals may form a short circuit and generate significant heat. Be especially cautious when handling any battery, especially when placing it in a pocket, purse, or other metal container.

Follow these steps for charging:


1. Plug the charger's power cord into a 220V AC outlet.
2. Place the battery or walkie-talkie with the battery on the charging stand, or plug the USB charging cable into the battery's USB interface.
3. The charging process starts when the charging indicator light turns red.
4. Charging takes about 8 hours; when the indicator light turns green, charging is complete.


Maintenance and Cleaning





1. Do not lift the walkie-talkie by the antenna, earphone, or speaker microphone.
2. Wipe the dust and dirt off the walkie-talkie with a lint-free cloth to prevent poor contact.
3. Cover the earphone jack when the walkie-talkie is not in use.
4. After long-term use, the buttons, control knobs, and case of the walkie-talkie can get dirty and should be cleaned with a neutral





cleaning solution (do not use strong corrosive chemicals) and a damp cloth.

Key Description

Illustration	Button Names	Function
	Menu Button	In standby mode: - Short press: Enter the menu











		<ul style="list-style-type: none"> - Long press: Switch between frequency mode and channel mode <p>In menu mode:</p> <ul style="list-style-type: none"> - Short press: Enter the submenu, confirm selection <p>In FM mode:</p> <ul style="list-style-type: none"> - Short press: Save channel, frequency band range - Long press: Switch between FM's frequency mode and channel mode
	<p>Up/Down Keys</p>	<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: Frequency tuning up or down (according to the selected step frequency interval) - Long press: Rapid frequency tuning up or down (according to the selected step frequency interval) <p>In channel mode:</p> <ul style="list-style-type: none"> - Short press: Select the channel up or down - Long press: Quickly select the channel up or down <p>In menu state:</p> <ul style="list-style-type: none"> - Short press: Select menu item up or down <p>In FM frequency mode:</p> <ul style="list-style-type: none"> - Short press: Frequency tuning up or down (0.1MHz) - Long press: Rapid frequency tuning up or down (0.1MHz)

		<p>In FM channel mode:</p> <ul style="list-style-type: none"> - Short press: Select the channel up or down
	Back Button	<p>In menu mode:</p> <ul style="list-style-type: none"> - Short press: Return to the previous level, exit the menu
		<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: When entering a frequency, deletes the last digit - Long press: Toggle channel display mode: channel name, channel frequency, channel number (can only be switched in channel mode)
	A/B Button	<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: Toggle the main frequency or main channel - Long press: Start scanning
		<p>In FM mode:</p> <ul style="list-style-type: none"> - Short press: Start FM scan
	FM Key	<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: Enter FM radio mode - Long press: Lock or unlock the keyboard
		<p>In FM mode:</p> <ul style="list-style-type: none"> - Exit FM radio mode
	Numeric Keys	<p>In standby mode:</p> <ul style="list-style-type: none"> - Directly input frequency points
		<p>In channel mode:</p> <ul style="list-style-type: none"> - Short press: Pressing 0-9 allows quick access to the corresponding channel.







		<p>In menu mode:</p> <ul style="list-style-type: none"> - Short press: Pressing 0-9 allows quick access to the corresponding function.
	<p>PTT Button</p>	<p>In standby mode:</p> <ul style="list-style-type: none"> - Long press: Transmit call
		<p>In scan mode:</p> <ul style="list-style-type: none"> - Short press: Stop scanning
	<p>Side Key 2</p>	<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: Custom function (set via menu) - Long press: Custom function (set via menu)
	<p>Side Key 3</p>	<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: Custom function (set through the menu) - Long press: Activate squelch control
	<p>SOS Button</p>	<p>In standby mode:</p> <ul style="list-style-type: none"> - Short press: Custom function (set via the menu) - Long press: Initiate an SOS distress signal

屏幕显示图标



Icon	Function	Function Description
	Battery	Indicates the current battery level. When the battery is nearly depleted, the symbol's outline will flash, indicating that the walkie-talkie is prohibited from transmitting.
	Tone Sound	Enables sidetone, indicating that the device emits a tone sound when transmitting DTMF signals.
	DS	Activates the dual watch function, allowing simultaneous monitoring of the two frequencies or channels displayed in standby mode.
	VOX	Enables the voice-operated transmission (VOX) function, which starts transmission when the microphone's sound pressure level reaches the set value.
	Scan	Scan Status
	ID	Indicates that the ID signaling function is currently activated.
	Keypad Lock	The keyboard is locked; press and hold the FM key to unlock.
	Watch	In active Watch mode
	DCS	Indicates that the current sub-audio tone is digital. This symbol appears during transmission, signifying that digital sub-audio tone signaling is in progress.
	CT	Indicates that the current sub-audio tone

		is analog. This symbol appears during transmission, signifying that analog sub-audio tone signaling is being transmitted.
H	H	Indicates that the current transmission power is set to high power.
L	L	Indicates that the current transmission power is set to low power.
N	N	This symbol appears when the channel is operating in narrowband bandwidth mode.
+	+	Indicates that the transmission frequency is the reception frequency plus an offset frequency.
-	-	Indicates that the transmission frequency is the reception frequency minus an offset frequency.
AM	AM	Indicates that the current frequency is in AM (Amplitude Modulation) mode.
R	R	Indicates that the receive and transmit frequencies are reversed in frequency mode/channel mode.
T	T	Off-network mode, where the receive and transmit frequencies are set to be the same.
SC	SC	Special voice encryption status / Frequency hopping feature
S9+60dB	S9+	Field Strength Value
MAIN	MAIN	Main Frequency or Channel
A B	A Band & B Band	Represent the respective frequency bands

	Transmit Signal Value	Indicates the current transmission signal strength.
	Receive Signal Value	Indicates the current received signal strength.
	Talkback Volume Value	Indicates the current transmission audio amplitude.
	VFH	In Frequency Mode
	001-999	In Channel Mode
	Selected	Selected Menu Item

Main Functions

Power On/Off

1. Turn the power knob clockwise to switch on the walkie-talkie.
2. To turn off the walkie-talkie, rotate the power knob counterclockwise.

Volume Adjustment

Increase the volume by turning the volume control knob clockwise; decrease it by turning counterclockwise. If background noise is not audible due to the squelch function, hold the **【Side Key 3】** and rotate the volume control knob to hear the background noise.

Frequency Selection

Press the **【Up Key】** to increase the frequency; press the **【Down Key】** to decrease it. If you cannot select a specific frequency, you may need to change the step size of the frequency interval. See the section on changing frequency step size. You can also directly enter the desired

frequency using the numeric keypad; refer to the section on direct keypad entry.

Transmission

1. To start transmitting, hold down the 【PTT】 button and speak in a normal tone.

- The transmission light will glow red.
- Speaking too close to the microphone or too loudly may increase distortion and reduce clarity at the receiver's end.
- Use the lowest possible power level that allows clear communication to conserve battery; you can choose between high and low power settings.

2. Release the 【PTT】 button to end the transmission and prepare to receive signals.

Toggle Key Lock

In standby mode, press and hold the 【FM Key】 for 2 seconds to toggle the key lock on or off.

VOX Transmission

1. Set VOX voice control sensitivity and VOX delay time for ending transmission through the menu. (VOX sensitivity; level 1 is the highest, requiring the most vocal energy to initiate transmission; level 9 is the lowest)
2. Connect a headset and speak into the microphone; if the sound intensity is sufficient, transmission will start.

ID Code

1. Set the device name through menu item 56. (Supports Chinese and English)
2. Enable the ID code function through menu item 28. (An ID icon will

appear at the top of the screen)

3. Choose online/offline code through menu item 29. (Select when to transmit the ID code)

- If the online/offline code function in menu item 29 is set to off, the ID code function will be disabled.

- During transmission, the device name is sent out via signaling, and devices using the same protocol will receive the name information in Chinese and English.

S-Meter Display

1. Enable the S meter display through menu item 50.

2. When receiving a signal, if the signal report is greater than 59, it will display S9+ and the specific dB value.

- The S meter represents the intelligibility of the voice and the strength of the radio signal, with S9 indicating very clear voice and strong signal.

- S9+20 or S9+60 indicates that the signal has reached full scale and exceeds 20dB or 60dB.

- When using a repeater, the received signal is generally fixed, so the signal report remains largely unchanged.

- This signal report is for reference only.

Enter Text

- When editing channel names, device names, etc., you can directly input Chinese and English information on the device.

- Press the FM key to switch languages, selecting from Pinyin, lowercase English, uppercase English, and numbers.

- Input the letters of the Pinyin using the keypad's grid, use the up/down keys to select the range, press the 【Menu Button】 to select, then use the up/down keys to choose the corresponding text, and press the 【Menu Button】 to confirm the input.

Monitor

1. Press and hold 【 Side Key 3 】 to enter monitor mode (instant squelch open).

Operating Modes

Frequency Mode

In standby mode, press and hold the 【 Menu Button 】 to switch to FR mode. You can change the frequency with the 【 Up/Down Keys 】 or directly enter the desired full frequency using the numeric keys.

Channel Mode

In standby mode, press and hold the 【 Menu Button 】 to switch to CH mode. In this mode, you can change the channel number using the 【 Up/Down Keys 】 or directly input the desired channel using the numeric keys. At least one memory channel must be programmed; otherwise, you cannot enter this mode.

In channel mode, press and hold the 【 Back Button 】 to toggle between channel name mode, channel frequency mode, and channel number mode.

Single Display Mode

1. First, turn off the dual watch function through menu item 18.
 2. Then, enable single display mode through menu item 20, allowing only one frequency or channel to be shown.
- If the dual watch function is not turned off, the single display mode will be ineffective.
 - If the device name has not been set, "Unnamed" will be displayed.

(The device name can be set through menu item 56.)

AM Mode

When the working frequency range is between 108-136MHz, the device automatically enters AM aviation reception mode, displaying "AM" for the channel status. This mode is primarily used for receiving AM modulated signals.

Menu Mode

Press the 【 Menu Button 】 , then use the 【 Up/Down Keys 】 to navigate and operate the menu options.

Dual PTT Mode

Through menu item 40, you can set 【 Side Key 2 】 as PTT2, enabling dual PTT mode. Press the 【 PTT 】 button to transmit on Band A and 【 Side Key 2 】 to transmit on Band B.

Radio Mode

In standby mode, press the 【 FM Key 】 to enter radio mode. In this mode, you can change the radio frequency using the up/down keys or directly enter the desired frequency.

Press the 【 AB 】 button shortly to search for the next frequency point. In radio mode, press the 【 Menu Button 】 shortly to save the current frequency as a channel, or hold the 【 Menu Button 】 to switch between the radio's frequency and channel modes.

Press the 【 FM Key 】 again to exit radio mode.

Developer Mode

In the powered-off state, hold down both the PTT and numeric key 9, then power on. The display will show "SUPER MODE" and then automatically restart, entering developer mode.

Note: Comply with relevant laws and regulations; using the 18-30MHz range requires changing to the corresponding shortwave antenna.

Menu Function List

Press the 【Menu Button】 to enter the menu mode. Use the 【Up Key】 and 【Down Key】 to select the desired menu, or directly enter a menu number between 1 and 59 to quickly access the corresponding menu.

Number	Menu	Sub-menu (Options)	Menu Description
00	POW	High Power	High power transmission on the current frequency or channel
		Medium Power	Medium power transmission on the current frequency or channel
		Low Power	Low power transmission on the current frequency or channel

01	SQL	0-9	Squelch levels range from 0 to 9, with lower levels being more prone to interference and higher levels having reduced sensitivity. Setting the level at 5 is advised.
02	R-CDC	Off	Turn off the analog sub-audio (press 0 in the sub-audio frequency selection list for a quick shutdown).
		67.0~254.1	Use the up/down keys to select from the standard sequence of analog sub-audio tones; alternatively, you can enter non-standard sub-audio tones using the keyboard.
03	T-CDC	Off	Deactivate analog sub-tone (press 0 in the sub-tone selection list for rapid deactivation).
		67.0~254.1	Navigate through the standard sequence of analog sub-tones using the up/down keys; non-standard sub-tones can also be input directly via the keyboard.
04	R-DCS	Off	Turn off digital sub-tone (press 0 in the sub-tone selection list for a quick shutdown).
		D023N~D754I	Select the standard sequence of digital sub-tones using the up/down keys.
05	T-DCS	Off	Disable digital sub-tone (press 0 in the sub-tone selection list to quickly turn it off).
		D023N~D754I	Use the up/down keys to select from the standard sequence of digital sub-tones.

06	SCAN CTCSS	Scan Activated	In frequency mode, scan for analog sub-tones set by other transmitters on the current frequency; the scan will automatically stop when one is found. (Not available in channel mode)
07	SCAN DCS	Scan Activated	In frequency mode, scan for digital sub-tones set by other transmitters on the current frequency. (Not available in channel mode)
08	CDCSS SAVE MODE	All	If using the scan for analog sub-tone or digital sub-tone function, once a sub-tone is detected, it is automatically saved as the receive and transmit sub-tone for the current frequency.
		Receive	Scanning for analog or digital sub-tones will automatically save the detected sub-tone as the receive sub-tone for the current frequency.
		Transmit	When scanning for analog or digital sub-tones, the detected sub-tone is automatically saved as the transmit sub-tone for the current frequency.
09	SET	Directly input frequencies from 00.000 to 99.995 using the keyboard.	In frequency mode, the difference between the transmit and receive frequencies can be adjusted (whether an offset is applied is controlled by the offset direction setting).
10	S-D	Off	In frequency mode, turn off the offset between the transmit and receive frequencies; it is off by default.
		-	In frequency mode, the transmit frequency is equal to the receive frequency plus the offset frequency,

			typically used for accessing repeater stations.
		+	In frequency mode, the transmit frequency is equal to the receive frequency minus the offset frequency, typically used for accessing repeater stations.
11	STEP	2.5K, 5K, 6.25K, 10K, 12.5K, 20K, 25K, 30K, 50K	In frequency mode, pressing the up or down key changes the step value of the frequency.
12	MEN-CH	001~999	In frequency mode or channel mode, select the channel number to save. If "CH" is displayed, it indicates the channel is already saved, and the current channel will be overwritten.
13	CH-MAME	Default settings: Channels 1-10, Workgroups 1-10, Repeaters 1-10.	You can assign a name to the current channel or customize it through programming software.
14	DELCH	001-999	Delete the stored information of the current channel; if "CH-001" is displayed, it means the channel is already saved. If "001" is shown, the channel is free and has no stored information, making the operation invalid.
15	SCAN ADD	Add	If the current channel needs to be included in the scan, it should be set to "add" status.
		Delete	If the current channel should not be scanned, set it to "delete" status.

16	W/N	Wide	Operate in wide band.
		Narrow	Operate in narrow band.
17	VOICEPRI	Off	Turn off encryption to ensure compatibility with standard analog systems.
		Encryption 1, Encryption 2, Encryption 3	Activate frequency hopping with the option to select an encryption group. Only devices with matching encryption groups can communicate. Once enabled, accessing repeaters is not possible.
18	TDR	On	Enable simultaneous monitoring of two frequencies or channels.
		Off	Monitor only the main frequency or channel indicated by the MAIN icon.
19	TX-A/B	Off	The MAIN icon indicates which frequency or channel will be transmitted. If 【Side Key 2】 is set to PTT B, this function is disabled.
		A	Regardless of where the MAIN icon is selected, transmission occurs only on the frequency or channel of Segment A.
		B	Regardless of where the MAIN icon is selected, transmission occurs only on the frequency or channel of Segment B.
20	Single Mode	On	In standby mode, only display one channel or one frequency.
		Off	In standby mode, the default setting displays two channels or two frequencies.
21	MDF-A	Channel Name	In channel mode, display the channel name.
		Channel Frequency	In channel mode, display the channel frequency.
		Channel Number	In channel mode, display the channel

			number.
22	MDF-B	Channel Name	In channel mode, display the channel name.
		Channel Frequency	In channel mode, display the channel frequency.
		Channel Number	In channel mode, display the channel number.
33	VOX	Off	Turn off voice-operated transmission (VOX).
		Level 1-9	Activate voice control sensitivity, where level 1 is the most sensitive and level 9 is the least sensitive.
24	VOX DELAY	0.5sec~2.0sec	From 0.5 to 2.0, with 0.1 increments as options.
25	STE	Off	Release the PTT without sending a shutdown code, typically used in relay transfer to produce noise, confirming if the signal from the device is being relayed.
		On	After releasing the PTT button, the device emits a shutdown code to suppress the momentary noise at the receiving end.
26	TAIL FREQ	55Hz、 62.5Hz	Different brands of walkie-talkies have varying tail tone elimination frequencies; selecting the corresponding frequency can eliminate the "click" sound.
27	TAIL PHASE	None	Default is set to 90 degrees.
		120 degrees	Select the appropriate phase according to different repeaters to eliminate the "click" end tone.
		180 degrees 240 degrees	
28	ANI FUNCTION	Off	Turn off the ID code function
		On	Transmit the device name simultaneously through signaling when transmitting

29	DTMF CODE	Off	Turn off DTMF encoding.
		Press PTT to encode	Press the PTT button to transmit a DTMF code.
		Encode simultaneously	Press and release the PTT button to transmit a DTMF code.
		Release PTT to encode	Release the PTT button to transmit a DTMF code.
30	PTT-LT	0Ms, 100Ms, 200Ms, 400Ms, 600Ms, 800Ms, 1000Ms	Delay time before automatic encoding
31	RP-STE	1-10s	When transmitting through a repeater, after the sender releases the PTT button and the device switches to receive mode, the delay from the repeater can cause a momentary signal and noise to be received. Adjusting the value of this menu item properly can prevent noise in the device during repeater transmission.
		Off	If the noise is needed to confirm whether the repeater is working, this menu can be turned off.
32	RPT-RL	1-10s	When relaying signals through a repeater, to confirm whether the repeater has relayed the signal for the device, utilize the delay time when the repeater stops transmitting. This allows the device to confirm that the signal has been relayed. This menu item adjusts the duration of the noise that occurs for this confirmation.
33	DTMFST	Off	No sidetone is emitted for keypad tones during transmission.
		PTT + ID	The device emits the tone sound when keypad tones are used during

			transmission.
		ID	The device emits the tone sound during automatic ID transmission.
		Side-tone	The device emits the tone sound for both keypad and automatic ID transmissions.
34	S-CODE(Squelch Tail Eliminate)	OFF	Turn off this feature if the noise is not needed
35	TONE	1000hz	Plays a specific tone when Side Key 3 is pressed while pressing PTT
		1450hz	
		1750hz	
		2100hz	
36	ROGER	Off	No tone at the end of transmission
		BEEP(End Tone)	The default end of transmission tone
		DC1200	A distinctive signaling end tone
37	BEEP	Off	No beep after receiving
		GSTAR	If the transmitting device activates the tail tone elimination feature, the receiver will hear a simulated GSTAR signal beep. If this feature is not activated, the receiver will first hear the persistent click sound.
		FM Radio	Activates the FM radio function.
		Transmit Power	Switch between high and low power
		Scan	Scan frequencies or channels.
		Search	Scan frequencies and sub-tones.
		Weather Forecast	Activate the weather forecast function
		Remote Sub-tone Scan	Activate remote sub-tone scanning
PTT B	Set Side Key 2 as the transmit button for Band B.		
39	PF2 LONG PRESS	FM Radio	Activates FM radio function.
		Transmit Power	Switch between high and low power

		Scan	Scan frequencies or channels
		Search	Scan frequencies and sub-tones
		Weather Forecast	Activate the weather forecast function
		Alarm	Emit an alarm (similar to SOS button function)
		DTMF	Enter DTMF encoding mode
41	TOP KEY	Invert Frequency	Switch the inversion of transmit and receive frequencies; toggle off-network mode where transmit and receive frequencies are the same
		DTMF	Enter DTMF encoding mode
		Weather Forecast	Activate the weather forecast function
		Search	Scan frequencies and sub-tones
		FM Radio	Activates FM radio function.
		Transmit Power	Switch between high and low power
		Scan	Scan frequencies or channels
42	SAVE	Off	Turn off power-saving mode
		Normal Saving	Engage standard power-saving
		Super Saving	Engage enhanced power-saving
		Deep Saving	Engage maximum power-saving.
43	SC-REV (Scan Resume)	Time	Time-controlled scanning pauses on signal detection, holding for about 5 seconds before resuming, even if the signal persists.
		Carrier	Carrier-controlled scanning pauses on signal detection and remains on that frequency until the signal ceases, with a 2-second delay before scan resumes to allow response transmission.
		Search	Search scanning exits scan mode and stays on the frequency when a signal is detected.

44	AL-MOD	Send Alert Code	Only send the alert code when SOS button is pressed.
		Send Alert Tone	Send an alert tone when SOS button is pressed.
		Local Alarm	Only the device emits an alarm sound when SOS is pressed.
45	BCL	Off	Turn off busy channel lock.
		On	Activate busy channel lock.
46	TOT (Time-Out Timer)	Off	Disable transmission time limit.
		30 sec, 60 sec, 120 sec, 240 sec, 480 sec	Set the maximum transmission time when PTT is pressed.
47	ABR (Auto Backlight)	Always-On	Keep the backlight always on, not turning off automatically.
		5s, 10s, 15s, 20s, 30s, 1min, 2min, 3min	Set the duration after which the system automatically turns off the backlight without any operation.
48	AUTOLOCK	Off	Do not automatically lock the keyboard; keep it always active.
		5s, 10s, 15s	Set the duration after which the system automatically locks the keyboard with no operation; only PTT, Side Key 2, and Side Key 3 remain usable. Press and hold the FM key to unlock.
49	Unlock Sw CH	Off	Up/down keys are disabled when the keyboard is locked.
		On	Up/down keys can still change channels (not effective in frequency mode) when the keyboard is locked.
50	Dis S Table	Off	Turn off S-meter display.
		On	Display S9+ and the specific dB value when the received signal report is greater than 59

51	BEEP PROMPT	Off	Disable the beep/buzz sound for keyboard operations.
		On	Enable the beep/buzz sound for keyboard operations.
52	VOICE	Off	Turn off Chinese voice prompts during menu operations
		On	Enable Chinese voice prompts during menu operations
53	POWER ON MSG	Default Icon	Default to Talkpod logo
		Battery Voltage	Display current battery voltage
54	MENU EXIT TIME	5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s, 45s, 50s, 60s	Set the duration after which the system automatically exits to standby mode without any operation
55	LANGUAGE	CHINESE	Menu displays in Chinese
		ENGLISH	Menu displays in English
56	ANI NAME	System default: Machine 1-50, HAM1-HAM10.	Name the device or customize it via programming software, including call sign.
57	RESET	Frequency Mode	Clears all channels, but not the set function options.
		All	Erases all channels and function settings, restoring to factory defaults.
58	Instructions	View Instructions	Display a QR code that can be scanned with a smartphone to access the user manual for the current model.
59	VERSION	Version Information	View the current software version.

Notes

● The menu operates in a single-level mode. When entering the menu, you need to switch 【 MAIN 】 to indicate whether to set segment A or B. When dual PTT mode is activated (factory default sets 【 Side Key 2 】 as PTT2), pressing the PTT button will transmit on

segment A frequency, even if 【MAIN】 is displayed on segment B.

● For any option with numbers, you can directly enter the number on the keyboard to quickly select it. If there are only "on" and "off" options, 1 represents "on," and 2 represents "off."

● In versions before software V2.4, some menu text, order, and functions may slightly differ. Understand the meaning literally, as there are no significant differences.

Function Description

| Alarm Function

1. Activate the alarm by pressing and holding the 【SOS Key】 for 2 seconds.

2. If a transmission frequency is set for the channel, the walkie-talkie will automatically transmit during the alarm.
3. Press the **【PTT Key】** during the alarm to exit the alarm state.

| Dual PTT Function

When Side Key 2 is set to PTT B, the device enters dual PTT mode, allowing transmission on Segment A with PTT and on Segment B with PTTB.

- This function is configured in menu item 40.

| Search Function

The sweep function can be set through menu items 40 (**【Side Key 2 Short Press】**), 41 (**【Side Key 2 Long Press】**), and 42 (**【Side Key 3 Short Press】**).

After entering the sweep function, press the **【Menu Key】** to switch between various frequency bands like UHF (400-520MHz), VHF (136-174MHz), 200 (200-260MHz), and 350 (350-400MHz).

When in range, press and hold the transmit button on the transmitter, and the device will quickly display the frequency and sub-audio.

After the frequency and sub-audio appear on the screen, press the **【Menu Key】** again to store them.

Use the up/down keys to select the channel number for storage. If "CH" is displayed, it means the channel is already saved, and the current

channel will be overwritten.

| Sub-Audio Tones

CTCSS (Continuous Tone Coded Squelch System)

CTCSS is a technique that transmits a frequency below the audible range (67-254.1Hz) along with the audio signal. Because its frequency range is below standard audio frequencies, specifically less than 300Hz, it is also referred to as sub-audio.

CDCSS (Continuous Digital Coded Squelch System)

CDCSS serves the same function as CTCSS but differs in that it uses a digital code to determine whether squelch is activated. It consists of a fixed code group that is cyclically transmitted. As its frequency is also below 300Hz, it is known as digital sub-audio or digital sub-tone.

● In the non-standard analog sub-tone editing mode, non-standard sub-tones can be directly inputted.

| FM Radio Function

Press the **【FM Key】** to activate the radio function, and the current frequency of the radio will be displayed on the screen. You can adjust the radio frequency using the **【Up/Down Keys】** or directly enter the frequency (range 65.000~108.000MHz) using the numeric keypad. While in radio mode, press the **【A/B Key】** to enter the automatic station search mode. Press the **【FM Key】** again to exit the radio mode.

I TONE Sound

While transmitting by pressing the PTT button, pressing Side Key 3 activates the TONE audio call feature, causing the device to emit a 1000-1750KHz audio tone. Release the monitor key to exit this function.

● This function can be set through menu item 35.

I Scan Function

Before scanning, decide under what conditions the walkie-talkie should continue scanning after detecting a signal. Choose one of the following modes:

Time-Operated Mode (TO)

The walkie-talkie stops scanning and stays on the same frequency when a signal is detected, pausing for about 5 seconds. If the signal continues, the walkie-talkie will resume scanning.

Carrier-Operated Mode (CO)

The walkie-talkie stops scanning and remains on the same frequency upon detecting a signal, until the signal disappears. There is a 2-second delay between the disappearance of the signal and the resumption of scanning to allow time for response transmission.

Search Mode (SE)







The walkie-talkie exits scanning and stays on the detected frequency.

● In scan mode, you can press the 【Up/Down Keys】 to change the direction of the scan.

I DTMF

To enter the DTMF encoding editing interface, input the required DTMF codes via the keyboard. If the code is less than 6 digits, conclude with the FM key. After entering the code, press the PTT button to send the encoding. In editing mode, press Side Key 3 briefly to delete a code; if all codes are cleared, pressing Side Key 3 again will exit the DTMF editing mode.

The corresponding codes are as follows:

0-9						
0-9	A	B	C	D	*	#

● Only supports custom setting of a short press on Side Key 3 through menu item 40 to quickly enter DTMF mode.

I Weather Forecast

In severe weather conditions, such as intense thunderstorms or hurricanes, the NOAA (National Oceanic and Atmospheric Administration) will issue weather alerts along with a 1050 Hz tone, followed by subsequent weather reports broadcast on NOAA's weather channels.

International Standard Frequency Chart:

1	162.550MHz	6	162.500MHz
2	162.400MHz	7	162.525MHz
3	162.475MHz	8	161.650MHz

4	162.425MHz	9	161.775MHz
5	162.450MHz	10	163.275MHz

- This feature is only available in certain countries.
- Custom settings for Side Key 2 and Side Key 3 for quick access to weather forecast mode can be configured through menu items 38-41.
- WXtoImg software can be used to demodulate and decode the signal, converting it into satellite cloud imagery.

I Squelch Function

The principle of setting the squelch level depends on the environment and requirements of use.

When a longer communication distance is required, and the received signal becomes weaker, a higher receiver sensitivity is needed, and thus the squelch level should be lowered;

For example, setting the squelch level to 1.

For shorter communication distances with stronger received signals, the receiver sensitivity can be lowered, and the squelch level increased to reduce noise;

For example, setting the squelch level to 9.

If interruptions are noticed during a conversation, indicating weak reception or changes in communication distance resulting in inaudible speech, the squelch level should be decreased to enhance sensitivity;

For example, adjusting from squelch level 8 to 2.

Frequently Asked Questions

Question Description	Answer
No DC1200 signaling end tone through the repeater.	Repeater fails to decode the signaling; it's necessary to check if the repeater has the decoding function disabled.

Troubleshooting

Troubleshooting Description	Analysis	Solution
Power-on failure.	The battery may not be installed correctly.	Remove the battery and reinstall it.
	The battery may be depleted.	Remove or replace the battery.
	Poor battery connection due to dirty or damaged battery contacts.	Clean the battery contacts. If the problem persists, contact your dealer or an authorized service center for inspection and repair.
Weak, intermittent, or no sound when receiving	Low battery voltage	Charge or replace the battery.
	Low volume	Increase the volume by rotating the volume control knob.
	Antenna may be loose or improperly installed	Reassemble the antenna after turning off the walkie-talkie.
	Speaker may be blocked or damaged	Clean the speaker surface. If the problem persists, contact your dealer or an authorized service center for inspection and repair.
Unable to communicate with other	Frequency or signaling settings may not match with other group	Set the same frequency and signaling as other group members.

group members	members.	
	Too far from other group members	Move closer to them.
Other conversations or noise in the channel	Interference from same frequency users	Change to a new frequency or adjust the squelch level.
	Sub-audio signaling not set	Set sub-audio signaling for all walkie-talkies in the group to prevent interference. Note that all handheld terminals in the group must change their signaling settings simultaneously.
Excessive noise	Communication distance between members is too far	Move closer to other members.
	Poor location, such as being blocked by tall buildings, or in a basement	Move to an open and flat area and restart the device.
	Affected by external environmental or electromagnetic interference	Stay away from devices that may cause interference.

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