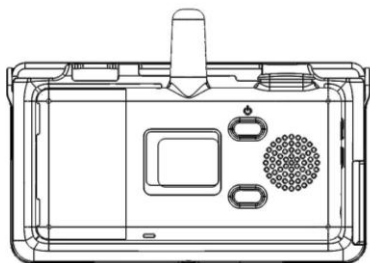



CHATPAK

Owner's Manual



Thanks for choosing **CHAT** **PAK** communication accessory for your Portable Video Game System! Please read this instruction manual completely before attempting to install and operate the unit.

Features

- Impact Resistant ABS plastic protective case
- One to One, One to Many Communication Function
- 22 Channels (14 FRS & 8 GMRS Frequencies)
- 38 CTCSS sub codes
- Up to 4 Mile Range*
- 10 Selectable Call Tone Alerts
- Auto Squelch
- Auto Battery Saving Mode
- VOX for easy Hands-Free Operation
- Channel Scan
- Voice Scramble for added privacy
- Roger Beep
- Auto Power Off (APO)
- Keypad Lock
- Backlit LCD Display
- Low Battery indication and Low-battery alarm function
- Accessory Jack for Optional Headset Accessory

*Range stated is optimal based on line of sight with no obstructions and game unit turned off. Actual range may vary and will depend on environment and/or use conditions.

Product Safety and RF Exposure

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure:

This equipment complies with FCC radiation exposure limits set forth for uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Your wireless hand-held portable transceiver contains a low power transmitter. When transmitting, it sends out radio frequency (RF) signals. This device is authorized to operate at a duty factor not to exceed 50%.

Important Note: To maintain good communication quality, hold the radio with the microphone at least 3 inches from your mouth and speak in a normal voice. Ensure the radio and antenna is at least one inch (2.5cm) from your body when transmitting.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment. Any adjustment to your radio must be made by qualified technicians.

Your device may interfere with TVs or radios, even when operating properly. To determine whether your communicator is causing interference, simply turn it off. If the interference ends, your device is causing it. Try to eliminate interference by moving your communicator away from the receiver. If you cannot eliminate interference completely, please stop using this device.

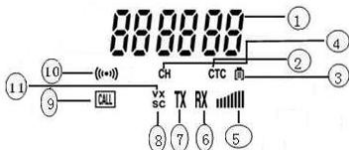
Hazardous Environments:

Do not operate the communicator in hazardous environments, explosion or fire may result. Do not operate the communicator near unshielded electrical blasting caps. Under certain conditions, radios can interfere with blasting operations and may cause an explosion. Turn your radio to the OFF position to prevent accidental transmission when in a blasting area or in areas posted: "Turn off two-way radios." Construction crews often use remote control RF devices to set off explosives.

Never use cleaners or solvents to clean your device. Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water.

LCD Screen

1. Segment Display
2. Channel Indicator
3. Battery Level Meter
4. CTCSS code Indicator
5. Volume Level Indicator
6. Receive Indicator
7. Transmit Indicator
8. Scan Indicator
9. Call tone Indicator
10. Keypad Lock Indicator
11. VOX Indicator



Buttons and Controls

MENU/⏻ (Menu/Power) Key

Antenna

Battery Door Latch

Microphone

Z/🔒 (Scan/Lock) Key

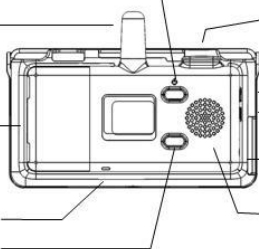
PTT (push-To-Talk) Key

▲ (Volume/Channel up) Key

▼ (Volume/Channel down) Key

Headset/Charging jack

Speaker



To Install and Replace the Battery

Your Chat-Pak radio uses 3 AAA alkaline batteries or the optional NiMH rechargeable battery pack (sold separately).

To install the batteries

1. Make sure your radio is turned OFF.
2. Remove the battery compartment door by inserting a coin or flat head screwdriver into the slot on the battery door and pry away from the radio, allowing the battery door to be removed.
3. Install the battery into the battery compartment. Be certain to follow the + and – symbols in the compartment. Installing the batteries incorrectly will prevent the unit from operating.
4. Replace the battery compartment door.

When the battery in the unit is low, the low battery level icon will appear on the display and the unit will emit an audible alert. Replace the batteries immediately.

Charging the battery

If you use the rechargeable NiMH battery pack, the radio can be charged directly using the supplied A/C charging adapter. **Make sure to turn the radio OFF before charging.**





1. Insert the NiMH battery pack into the battery compartment.
2. Connect the A/C Adapter Charger into an A/C Wall outlet.
3. Insert the A/C Adapter Charger plug into the Headset/Charger Jack located on the side of your unit (be careful NOT to plug into the audio jack of your game device).

The low battery icon will appear on the display while charging and disappear when fully charged. Charge the battery pack for 16 hours before initial use.

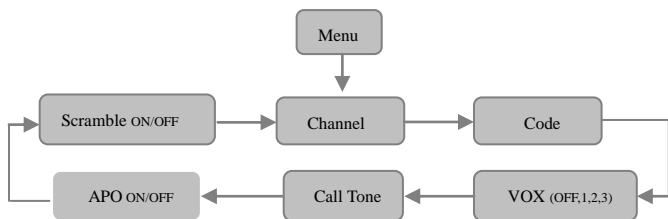
Installing Your Game Device

1. Open the Top Cover on your Chat-Pak communication device.
2. Insert the lid of your game device into the Top Cover of the Chat-Pak.
3. Snap the Bottom Cover of the Chat-Pak onto the base of your game device.

Turning ON and Adjusting Volume

1. Press and hold the **MENU**/ key for to turn the radio ON.
2. Increase the volume by pressing the UP  key. To decrease the volume, press the Down  key.
3. Press and hold the **MENU**/ key again to turn the radio OFF.

Navigating Through the Menu



1. In Standby mode, enter Menu mode by short press of the Menu key. A key-beep tone will sound confirming the radio is in Menu mode.
2. The unit automatically times out of Menu mode and enters Standby mode in 8 seconds if no button is pressed.
3. Press PTT/Call key at anytime to exit Menu mode and return to Standby mode.

Choosing Channel and Code

This device has multiple Channels and CTCSS codes to choose from for communicating with others:

1. In Standby Mode, press the menu key briefly to enter Menu mode. A key beep tone is locally generated and the Channel number on the LCD Display will flash.
2. Press the Up ▲ or Down ▼ key to increase or lower the Channels.
3. Auto-scroll is engaged by pressing and holding either the Up ▲ or Down ▼ Key. You will hear a standard key beep with each Channel change.
4. Once a Channel is selected, press the Menu key briefly to choose a CTCSS code.
5. Press the Up ▲ or Down ▼ key to increase or lower the CTCSS code.
6. Press PTT/Call key to exit Menu mode when done.

Voice Operated Transmission (VOX)

This device is equipped with an adjustable Voice Operated Transmitter (VOX) that can be used for automatic voice transmission. In this convenient mode, transmission is automatically initiated by speaking into the microphone without having to press and hold the PTT/Call key.

To adjust VOX level:

1. Enter to Menu mode. Advance through the Menu until the VOX icon appears on the display.
2. Press the Up ▲ or Down ▼ key to select the desired VOX sensitivity level (sensitivity increases from level 1-3). When VOX feature is on, the VOX icon will appear on the LCD display.
3. To exit the Menu, press the PTT/Call key.

Scramble


This device has a scramble feature for added privacy. Scramble is available only on channels 1 to 14 (FRS). When activated, the user's voice is

scrambled when heard by other users that do not have this feature activated.

1. Enter to Menu mode. Advance through the Menu until the “SCr” icon and appears on the display.
2. Press the Up▲ or Down▼ key to toggle Scramble setting between “ON” and “OFF”. When Scramble feature is on, the “SC” icon will appear on the LCD display.
3. To exit the Menu, press the PTT/Call key.

Channel Scan

To scan all channels for any activity:

1. Press the Scan/Lock  key. Once engaged, the unit will start to rapidly scan all channels for any activity. The unit will pause on an active channel for 4~5 seconds before resuming Scan function.
2. To exit the Scan mode, press the PTT/Call key.





Auto Power Off (APO)

This device has an Auto Power Off (APO) feature. When activated, the radio will automatically turn OFF after 4 hours of inactivity (No Receive or Transmit) to save battery life.

1. Enter Menu mode. Advance through the Menu until “APO” appears on the display.
2. Press the Up▲ or Down▼ key to toggle APO setting between “ON” and “OFF” (default “ON”).
3. To exit the Menu, press the PTT/Call key.

Keypad Lock

When activated, all the keys, except for PTT/Call key, are locked to prevent accidental button press:

1. To activate, press and hold the Scan/Lock  key. When activated, a confirmation tone will be heard and  icon will appear on the display.
2. To deactivate, press and hold the Scan/Lock  key until a deactivation tone is heard. The  icon will disappear from the display.

Talking On Your Chat-Pak

Note: All radios must be set to the same Channel and CTCSS code to communicate together (see Choose Channel and Code).

1. In Standby mode, the unit is ready to Receive or Transmit a call.
2. To talk to others, press and hold the PTT/Call key and speak with your mouth about 3-5 inches away from the microphone. When transmitting, the “TX” icon will appear on the display. If you continue to transmit for 60 seconds, the radio emits a TX Time Out Tone (TOT) and the radio will stop transmitting.
3. When you have finished speaking, release the PTT/Call key. You can now receive incoming calls. When receiving, the “RX” icon will appear on the display.

Sending a Call Alert Tone

To send a Call Alert Tone, quickly press the “PTT/Call” key twice. The Call Alert Tone will be automatically transmitted. During transmission, the “TX” and “CALL” icons appear on the display. You’ll hear a brief Call Alert Tone to confirm operation. The communicator returns to standby mode when the Call Tone sequence is completed. For optimum performance, please make sure the ANTENNA is pointing upright.

Using the Headset

1. Locate the Headset/Charger jack at the side of your unit.
2. Insert the Headset plug into the headset Jack.
3. Place Headset on ear and adjust the Microphone Gain setting.
4. Press the PTT/Call key to speak.
5. Speak normally without pressing PTT/Call if VOX function is on.

Backlit Display

The device's LCD backlight display automatically lights up for 5 seconds with the press of any key.

Talking Range

This product is designed to maximize performance and transmission range. The maximum talk range is 4 Miles in an open area without obstruction between the transmitting and receiving units. Your actual range will vary and depend on the environment when in use.



Optimal range

Talk range up to 4 Miles in flat, open area.



Typical range

Talk range up to 1 Mile in houses, wooded or hilly areas.



Minimal range

Talk range up to 1/2 Mile when used in vehicles, mountains, forest, building with concrete block.

Note: Talk range is reduced when operating with the game unit turned on.

Specification

Power Source
Output Power (TX)
Battery Life
Range

3 AAA Alkaline or 3.6V NiMH Battery
0.5W ERP maximum
16 Hrs 5/5/90 duty cycle
≤4 Miles

Channel and Frequency (MHz) Chart

USA (FRS/GMRS*): 22 Channels

Ch. Frequency	Ch. Frequency	Ch. Frequency	Ch. Frequency
1 462.5625	7 462.7125	13 467.6875	19 462.6500*
2 462.5875	8 467.5625	14 467.7125	20 462.6750*
3 462.6125	9 467.5875	15 462.5500*	21 462.7000*
4 462.6375	10 467.6125	16 462.5750*	22 462.7250*
5 462.6625	11 467.6375	17 462.6000*	
6 462.6875	12 467.6625	18 462.6250*	

*Operation on GMRS frequencies (Ch.15 to Ch. 22) is subject to the Rules and Regulations of the FCC. The FCC requires that all operators using GMRS frequencies obtain a radio license before operating their equipment. For questions regarding FCC license contact the FCC at 1-888-CALL-FCC (1-888-225-5322) or www.fcc.gov.

CTCSS Sub Codes

CODE	Frequency(Hz)	CODE	Frequency(Hz)
OFF	OFF	20	131.8
1	67.0	21	136.5
2	71.9	22	141.3
3	74.4	23	146.2
4	77.0	24	151.4
5	79.7	25	156.7

6	82.5	26	162.2
7	85.4	27	167.9
8	88.5	28	173.8
9	91.5	29	179.9
10	94.8	30	186.2
11	97.4	31	192.8
12	100.0	32	203.5
13	103.5	33	210.7
14	107.2	34	218.1
15	110.9	35	225.7
16	114.8	36	233.6
17	118.8	37	241.8
18	123.0	38	250.3
19	127.3		

Limited Warranty

We provide one-year limited warranty on this product. Should this product fail to perform normally within the warranty period, it will be replaced or repaired, by the sole discretion of the manufacturer, with the same or functionally equivalent product.

This warranty does not apply if the product fails due to damage from shipment, handling. Storage, accident, abuse or misuse or if it has been used or maintained in a manner not conforming to product manual instructions, has been modified in any way, or has had any serial number removed or defaced.

The maximum liability to the manufacturer under this warranty is limited to the purchase price of the product covered by the warranty.

For warranty inquiries contact us at: service@canewireless.com or Customer Service Dept., Cane Wireless Inc., 4301N Federal Hwy., Ste 2A, Pompano Beach, FL 33064.

Troubleshooting Guide

Issue	Solution
No power	<ul style="list-style-type: none">•Check the battery. Ensure that the battery is installed properly.•Replace (Alkaline) or Recharge (NiMH) battery.
Weak Reception	<ul style="list-style-type: none">•Press the UP button to increase VOLUME.•The receiving signal may be weak and/or out of range.•Check the antenna position. For optimum performance, please make sure the antenna is pointing uprightly.
Cannot Change Channels	<ul style="list-style-type: none">•Check if Key Lock (🔒) feature is activated.•Disable Key Lock.•Battery may be weak. Replace or recharge battery.
Range Is Limited	<ul style="list-style-type: none">•Battery may be weak. Recharge battery if the BATTERY LEVEL indicator is low.•Range varies depending on terrain and environment.•Open fields provide maximum range; steel/concrete. Structures, heavy foliage, and operation in buildings decreases range.•Check the antenna position. For optimum performance make sure the antenna is pointing upright.
Sound Distortion	<ul style="list-style-type: none">•When transmitting, hold MICROPHONE 3 to 5 inches from mouth and speak normally.•When receiving, lower volume to a comfortable level.•Communicators must be at least 10 feet apart.•Communicators are too far apart. Obstacles interfere with Transmission. Talk range is up to 4.0 Miles in clear unobstructed conditions. Actual range will vary.