

USER MANUAL

UHF FM Radio Transceiver
Models : GPFRS-200 / GPFRS-200FM



GA9911gpfrs-200

Introduction

Fly Talk UHF FM radios operate on Family Radio Service (FRS) , designated as a good shape , short range , two-way radio service , license-free , talk free , and rent free . This special FRS specifically for family and group go shopping , ground playing or recreational used , and keep good touch with people anyhow , anywhere , anytime .

All 14 channels are available , providing silent stand-by-Audio (voice) .

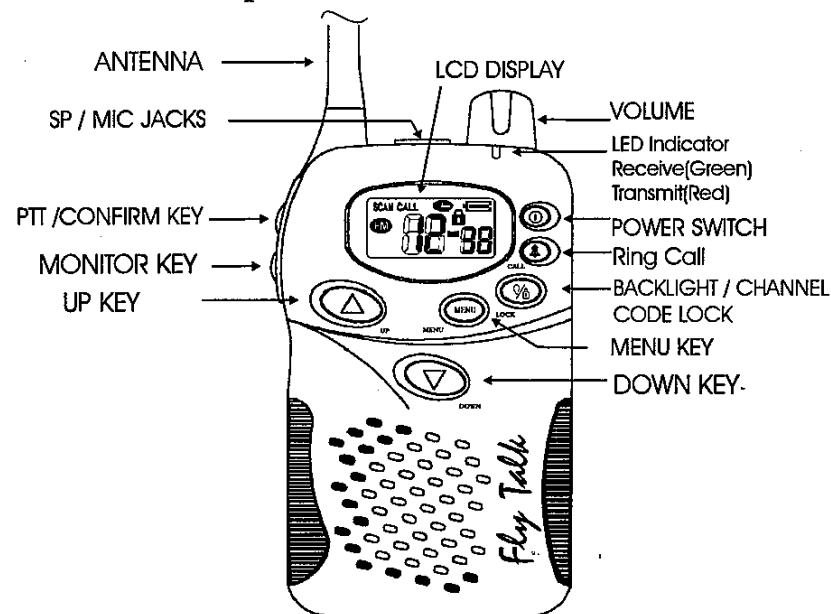
In addition , CTCSS encoder / decoder allows communication with silent stand-by, signals are output only when a signal with matched CTCSS tone signal is received -- to secure your communications away from the other squelch .

Fly Talk provides user a safe and convenient advantage to carry , no matter you are indoor or outdoors . Operating range is up to use's surrounding environment . 2-3 Km talk range normally , improve transmission range in the field , and use in buildings and in vehicles will decrease range .

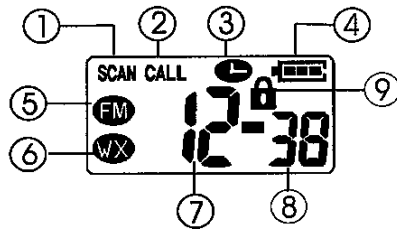
To maintain Fly Talk always be the fine optical quality and excellent performance , you should not subject the FRS to :

- ⌘ Don't modify the transceiver for any reason .
- ⌘ Never take any inside or outside parts apart personally ..
- ⌘ Avoid placing the transceiver in direct sunlight or in areas with extreme temperature and moisture .
- ⌘ Water -Resistant construction is designed , to pass through the sparking . However , it is strictly prohibited to soak the transceiver in the water .

Panel Description





Display Symbols Status

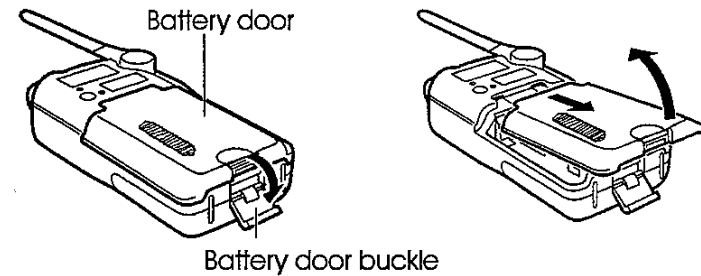


1	Auto Scan Indicator
2	Ring Call Setting Indication
3	Auto Power Off Indicator
4	Battery Gauge
5	FM Radio Indicator
6	WX Weather station Radio Indicator
7	Channel Number Indication (1- 14)
8	CTCSS Function Number Indication (01- 38) Or Non CTCSS (00)
9	Channel Lock Indicator

Battery Gauge

Insert 3 AA size alkaline , dry cell batteries .  indicates full battery gauge ,  shows low battery gauge . When low battery indicator shows on the display , at the same time , a warning beep is emitted , to remove the old batteries , simply just align the new batteries so the positive (+) and negative (-) markings are in the proper position , and insert the new batteries . To replace the new batteries whenever the batteries becomes exhausted or just after transmitting becomes impossible .

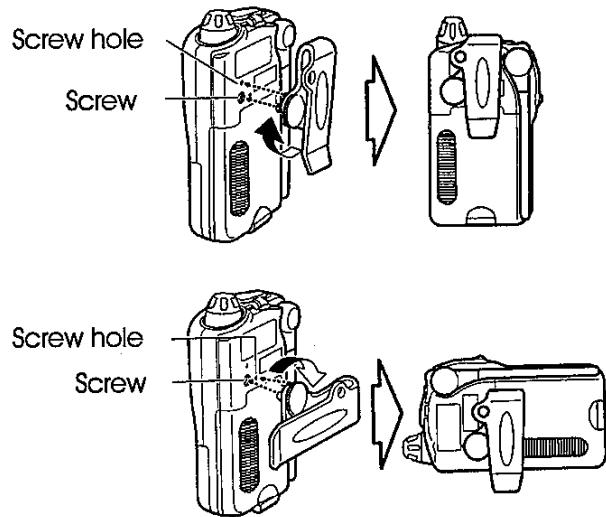
1.Remove the battery door from the transceiver .



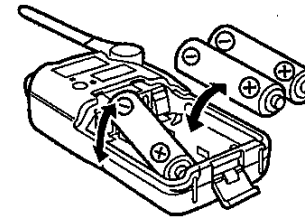
※Before removing the battery door , please take off the belt clip off if it attaches on the transceiver .

Install The Belt

Attach the belt clip using the supplied screws . It is conveniently for you to screw the clip up in a horizontal or a vertical position .

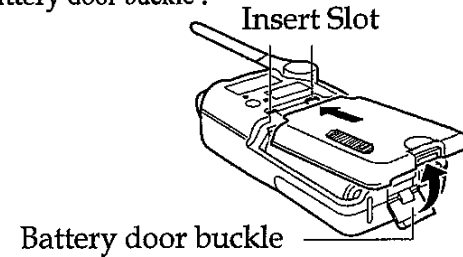


2. Insert (remove) 3 x AA size cry cell , alkaline batteries .



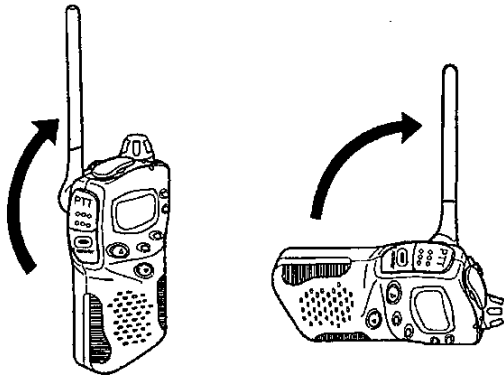
※ Be sure the positive (+) and the negative (-) in the proper position

3. Slide the battery door into the correct slot , then buckle up the battery door buckle .



Antenna

This transceiver is with a rotary antenna , can be adjust to desired position , providing with two joints .



※To ensure the performance ,please adjust the antenna position as shown at right .

Basic Operation

- ❶ Press (POWER) for 1 sec., to turn the power on .
- ❷ Adjust the audio to a suitable level using (VOL) .
- ❸ Press (UP) or (DOWN) keys to select the desired operating channel number appear on the display .
- ✓ Auto Scan function can help you to scan an available channel automatically .
- ✓ To select the same CTCSS code in order to match your CTCSS group's code.
- ❹ When displayed channel stops at channel number , the transceiver is in a stand-by mode then.
- ❺ Press and hold PTT to transmit , then speak into the microphones . The transmit indicator (LED) is in red color when the transceiver transmits .
- ✓ to press " Group Call " for calling your group by alerts .
- * Never Speak into the microphone before pressing and holding PTT to transmit .
- ❻ Release PTT to return to receive . Squelch opens and audio is emitted from the speaker .The receiver indicator (LED) is in green color when a signal is received .
- ❼ To use transmitting and receiving functions continuously by repeated the step (5) and the step (6) .
- ❸ Press (POWER) for 3 sec., to turn off the power .
- ✓ The APO function automatically turns ON when no operation is performed or no signal is received for the setting time period .

GROUP MODE (CTCSS)

Press menu to enter CTCSS function

- ❶ Press (UP) or (DOWN) to select the desired code number .Be sure the code number is the same with your group channel number.
- ❷ Press PTT mode to complete the group code number . The display returns to stand-by mode after setting .
- ✓ Note that CTCSS group mode is not private -anyone can receive your calls.
- ✓ Press menu to enter CTCSS, select " 00 "code number, press PTT to cancel the group mode .
- ✓

CTCSS code table

No.	Freq.(Hz)	No.	Freq.(Hz)	No.	Freq.(Hz)	No.	Freq.(Hz)
1	67.0	11	97.4	21	136.5	31	192.8
2	71.9	12	100	22	141.3	32	203.5
3	74.4	13	103.5	23	146.2	33	210.7
4	77.0	14	107.2	24	151.4	34	218.1
5	79.7	15	110.9	25	156.7	35	225.7
6	82.5	16	114.8	26	162.2	36	233.6
7	85.4	17	118.8	27	167.9	37	241.8
8	88.5	18	123	28	173.8	38	250.3
9	91.5	19	127.3	29	179.9		

To Select The Operating Channel

- ❶ Press (UP) or (DOWN) to select the desired operating channel number shows on the display . Then , the transceiver is in the stand-by mode .
- ❷ Repeated the basic operation steps in your communication area .
- ✓ Available for setting Channel-Code Lock to prevent accidental channel changes and function access .

Channel-code table

Channel	Freq.(MHz)	Channel	Freq.(MHz)	Channel	Freq.(MHz)
1	462.5625	7	462.7125	13	467.6875
2	462.5875	8	467.5625	14	467.7125
3	462.6125	9	467.5875		
4	462.6375	10	467.6125		
5	462.6625	11	467.6375		
6	462.6875	12	467.6525		

Auto Scan Function

Press menu to set function mode ,then press menu till the displays shows "SCAN" flashing .

- ❶ Press (UP) or (DOWN) to start scanning .
- ❷ When the transceiver receives an answer back signal , the display blinks until the next search transmit .
- ❸ To press PTT to lock the channel -code number or press menu again to " Scan " function for searching the next transmit .

Select The Calling Ring

Press menu to set function mode , press menu several times till " Call " blinks in the display .

- ❶ Press (UP) or (DOWN) to select the desired rings .
 - ❷ Press PTT to confirm , the display returns to stand-by mode .
- ✓ While press (UP) or (DOWN) , the each ring tones will demo about 3 sec. for your kind reference .

FM Radio Function (Only GPFRS-200FM)

Press menu to set function mode , press menu several times till " FM " blinks .

- ❶ Press (UP) or (DOWN) to scan the stations automatically .
 - ❷ When a station is scanned , the transceiver will lock the station channel automatically
- ✓ Only receiving and hearing the FM radio station , can not operate the FRS functions at the same time .
- ❸ Press PTT to return the stand-by mode or press menu once to back "Scan" to search the stations again .

WX Weather Station Radio Function

Press menu to set function mode , press menu several times till " WX " blinks .

- ❶ Press (UP) or (DOWN) to scan the stations automatically .
 - ❷ When a station is scanned , the transceiver will lock the station channel automatically
- ✓ Only receiving and hearing the WX radio station , can not operate the FRS functions at the same time .
- ❸ Press PTT to return the stand-by mode or press menu once to back "Scan" to search the stations again .


The Individual Ring

The ring function an answer back feature , allows you to inform whether or not a call has reached the receiving party .So do your group member Whenever press the ring call function , the ring tones is emitted to inform the receiving party .

LCD backlight / Channel -Code Lock

To press backlight key for 1 sec., to activate the backlight function .
To press backlight key for 3 sec., to activate the Channel-Code lock function , this function prevent accidental channel changes and

Auto Power Off (APO)

Press menu to enter set function mode , then press menu several times till "  " blinks in the display .

- ❶ Press (UP) or (DOWN) to select "-" ---disable APO function , or set the digit from " 1" to "8" (hours) as the APO period .
 - ❷ Press PTT to confirm , then the display back to stand-by mode .
- ✓ APO function automatically turns on when no operation is performed or no signal is received for the setting period .