PUXING
PROFESSIONAL FM TRANSCEIVER

PX-888

VHF 5W/UHF 4W output power

SOUND DESIGN | RADIO | Emergency call | PTT ID
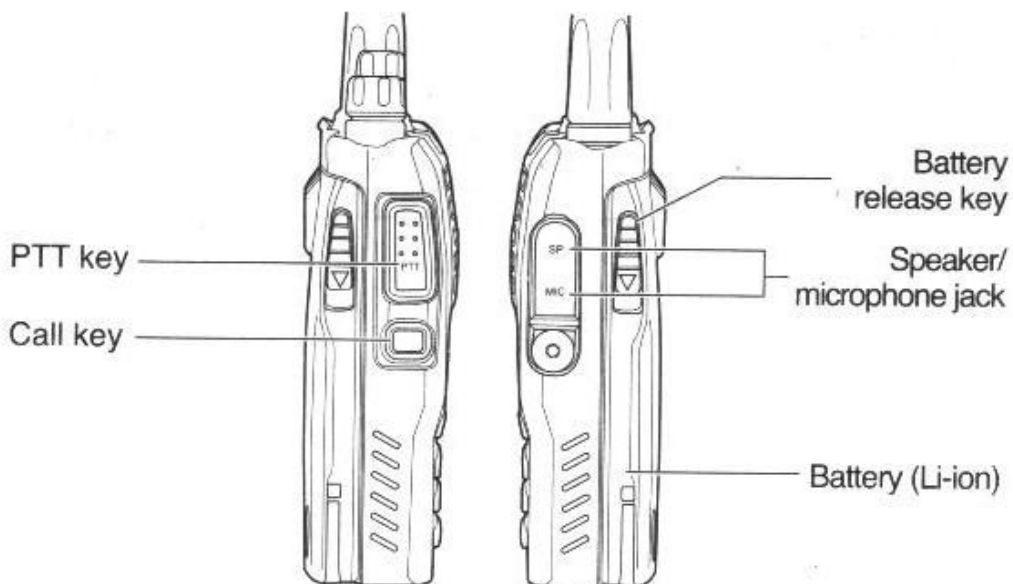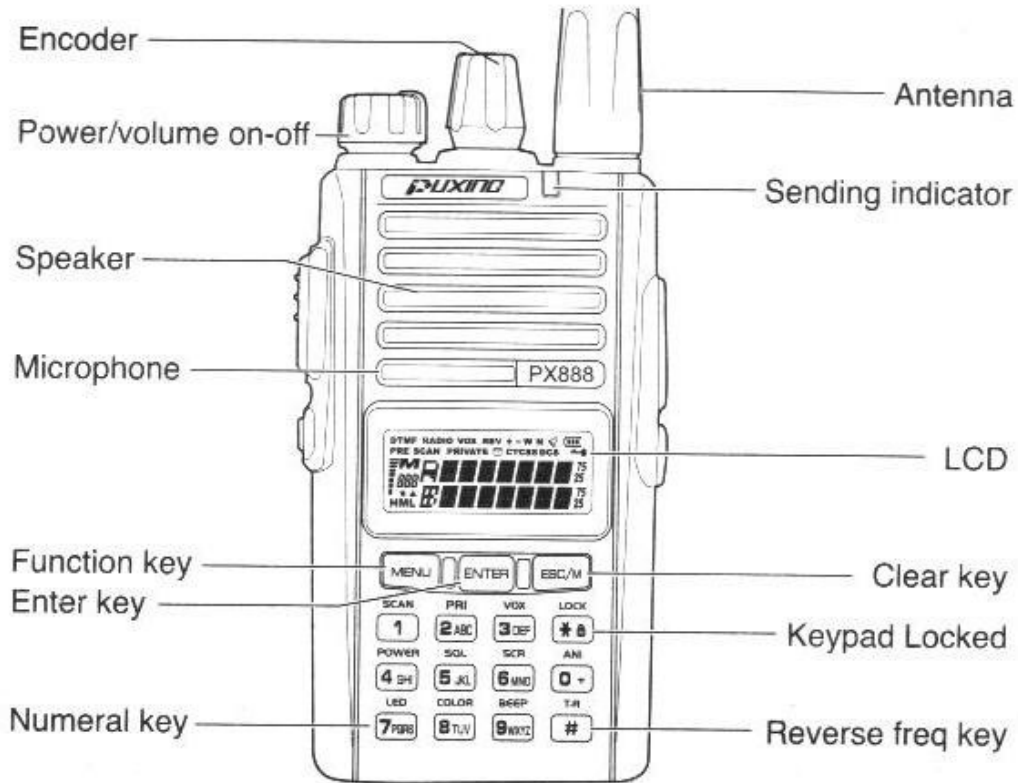
使用说明书 USER'S MANUAL

PUXING

Maintenance

Your Two Way Radio is an electronic product of exact design and should be treated with care .The suggestions below will help you to fulfill any warranty obligations and to enjoy this product for many years.

- Do not attempt to open the unit. Non-expert handling of the unit may damage it.
- When using regulated power supply, take notice of power voltage must be between 6V and 8V to avoid damaging the unit.
- Do not store the Radio under the sunshine or in hot areas. High temperatures can shorten the life of electronic devices, and warp or melt certain plastics.
- Do not store the Radio in dusty, dirty areas.
- Keep the Radio dry. Rainwater or damp will corrode electronic circuits.
- If it appears that the Radio diffuses peculiar smell or smoke, please shut off its power immediately and take off charger or battery in the Radio, then contact with local agency.
- Do not transmit without antenna.

Features

- VHF 5W/UHF 4W Output power
- Two lines dot-matrix display
- Double channel watch
- 128 groups of memory channels
- Automatic Numbering Identification (ANI) code
- Built-in Voice Operate Transmit (VOX) function
- All channels scan and priority channel scan
- Scrambler
- Emergency alarm
- Programmable by pc with software
- 50 CTCSS and 104 DCS Normal/Inverted selectable
- Time-out Timer (TOT)
- Busy channel lockout
- 2 tone/MSK/DTMF encode and decode
- Built-in FM radio receiver

Main indicators/controls

Encoder

Power/volume on-off

Speaker

Microphone

PX888

Antenna

Sending indicator

LCD

Function key
Enter key

MENU   ENTER   ESC/M

SCAN   PRI   VOX   LOCK
1   2 ABC   3 DEF   * 8

Clear key

Keypad Locked

POWER   SQL   SCR   ANI
4 GHI   5 JKL   6 MNO   0 -

Numeral key

LED   COLOR   BEEP   T-R
7 PQRS   8 TUV   9 WXYZ   #

Reverse freq key

PTT key

Call key

SP

MIC

Battery
release key

Speaker/
microphone jack

Battery (Li-ion)

Main indicators/controls-description

## Key, Knob, Switch, Indicator

■ Power/volume On-off	To turn on/off the radio and adjust the volume level.
■ Sending indicator	When the PTT is pressed, it glows to indicate the transmitting status.
■ Busying indicator	When the channel is busy, the display shows
■ PTT key	When pressed, it enables the transmission
■ ESC/M	To exit the menu and to switch from Channel mode to Frequency mode.

Socket and connector

■ SMA Connector	For connecting the supplied antenna
■ Speaker/microphone jack	If you want to use a speaker or a microphone, connect them to this socket. If not, prevent water from dropping into it.

LCD display

Many icons are shown on the display when the radio is on. The following table can help you to identify each of them.
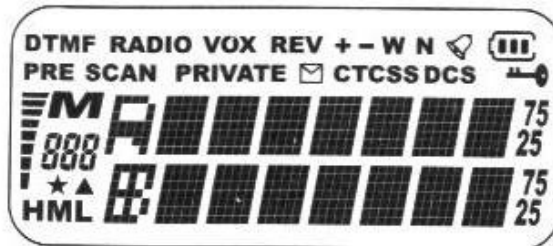
■	(III)	Battery level indicator
■	+/−	Shows the TX offset direction in relation to the Rx frequency
■	H/L	Power level indicator (HI=High/LO=Low)
■	⊷●	Keypad locked
■	DCS	Display when DCS is turned on
■	CTCSS	CTCSS turned on
■	VOX	VOX turned on
■	◁	Call Function
■	REV	Display reverse frequency
■	PRE	Priority scan activated
■	▌	Received signal strength and TX power
■	A▌▌▌▌▌▌▌ B▌▌▌▌▌▌▌	Frequency in use
■	888	Function menu
■	★	Priority channel
■	N/W	Displays narrow or wide band

PUXING
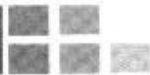
Basic operations

Supplied antenna

Insert the base of the supplied antenna into the SMA connector and rotate it clockwise. Make sure the antenna has set down. Take out the antenna from the base by rotating it counter-clockwise rotation.

Turn on and off the power

If you want to turn on the power, rotate the PWR/VOL knob clockwise until a beep sound is heard .All icons and frequencies appeared on the screen. You can adjust your desired volume by turning the knob.

To turn off the power, rotate the PWR/VOL knob counter-clockwise rotation. All the icons on the display will disappear and the radio is off.

Adjusting volume

After turning on the radio, rotate the PWR/VOL knob clockwise to increase the volume and counter-clockwise to decrease.

Transmitting/Receiving

Firstly, hold down briefly the MONI button to make sure that the frequency is not busy and then press the PTT. Speak 4/10cm far from the unit.

The TX indicator lights up.

Release the PTT key to receive.

Emergency Alarm

Hold down the CALL key which was defined as emergency alarm, the radio will switch to emergency alarm and send ANI.

Keypad Lock

To Lock or unlock the buttons.

In channel/Frequency mode, press and hold down
[✱🔒] key for two seconds. The keypad will Lock.
Repeat the same procedure to unlock it.

LOCK ?

UNLOCK
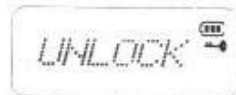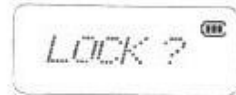
Setting Reverse Frequency Function

This function is possible only when you are linked to
a repeater:

It permits to invert the TX frequency with the RX
frequency.In Channel/Frquency mode, hold down
[#] for two seconds until "REV" appears on the
display. Repeat the same procedure to return to
the previous frequency setting.

REV
T→R ?
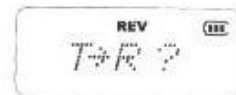
Scanning

The Scan version is very useful to monitor the
channels before transmitting.

Scan all the channels

In Channel/Frequency status, press [MENU] + [1]
+ [ENTER] . The radio will scan from the channel in use
through all the channels, whenever any activity is
detected, the radio will suspend the scan for 5
seconds. It will then continue to scan unless you
press PTT or [ENTER] key to end scanning. Otherwise
it continues to scan until you press any key.

Priority channel scan

In Channel Mode, MENU + 2ABC + ENTER the radio will always scan priority channel. For example, if channel 3 is priority channel, the radio will scan like this: 3 →1; 3 → 2; 3 →3; 3→4; 3 →5.

Select scan type

Press MENU and rotate the Encoder until the display shows"SCANS ?". Press ENTER and turn the Encoder knob again to select the scan type (TO/CO/SE). Confirm your selection with ENTER and exit by pressing ESC/M twice.

- **TO: Time-operated scan**

  Even though the channel is busy, radio locks on a busy channel for a period of 5 seconds, it will continue scanning the other channels.

- **CO: Carrier-operated scan**

  The radio stops on a busy channel until there is no activity, there is 2 seconds interval time and then radio begins scanning the other channels.

- **SE: Search scan**

  The radio stops on a busy channel and exits the Scan mode.

Flank keys

Call key defined as:
1) Optional tones
   (DTMF , 2-Tone, MSK)
2) Emergency call
3) Send 1750HZ tone
4) Moni
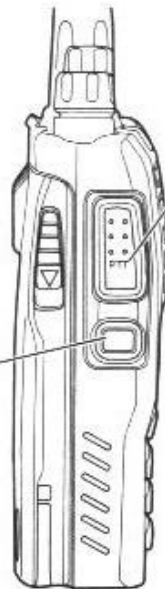
PTT : Press PTT to send
singal and release it to receive
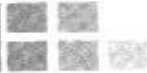
DTMF Encode and Decode

The radio can get the function of selective call, group call and broadcast call via DTMF tone. This function can be set by your dealer.

DTMF CALL

1. Two ways to call via DTMF manually

1) Press and hold PTT and input keypad numbers, 0-9 , a-d , * and # available.

2) Press [ENTER] into the "DTMF IN" then input the number you want. The numbers you can input are : 0-9, a-d , * and # . You can turn channel selector to delete or exit. Then press PTT to call.

2. Auto-dial

You need store the DTMF code(max 16 numbers) in nine different memory position for auto dial. Press [CALL]+ Number (1- 9) to dial the preset numbers automatically.

DTMF RECEIVE

When you receive the correct tone signal, the squelch will be cut off and you can receive a call or send a call.

1. When receive the single tone, the radio will sound "dū dú dŭ dù " for response. It indicates that call is successful.

2. When receive the group call tone, the radio will ring. You can press [PTT] key to send message or receive message. The function of selective call, group call, and broadcast call can be enable/disable by dealers.

2-Tone encode and decode

1. 2-tone call: When [CALL] key defined as 2-tone, press [CALL] key to send a 2-tone.
2. 2-tone encode: There are 32 groups of 2 tone encode and 8 groups of 2-tone decode which can be set by dealer.

2-Tone receive

When radio receive the correct 2-tone, the radio will sound

"dū dú dǔ dù".

MSK encode and decode

MSK encode and decode can be set by dealers, 9 groups in total. You can input 0-9, a-d , * and # . You can set 4 numbers every group.

MSK call: When [CALL] key defined as MSK,you can press [CALL] key to send a MSK.

MSK receive: When radio receive the correct MSK tone, the radio will sound "dū dú dǔ dù".

Select Mode

Three modes (1) double channel mode (2)channel mode (3)frequency mode can be switch by pressing [ESC/M] .

1. Double channel mode

Hold down [ENTER] and turn on the power, the radio can enter or exit the double channel mode .

When you enter this mode you will see A or B on the display. A indicates this channel can receive and transmit but the other channel can receive only. B indicates this channel can receive and transmit but the other channel can receive only.

A and B channel can be switched by press [MENU] +[PTT].

```
M ACH-013
03
★  CH-010
H
```
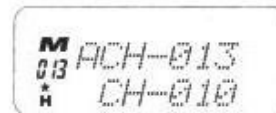
2. Channel Mode

There are three kinds of Channel Mode. $^{M}_{005}$ Shows that current channel is the fifth channel.

1) Show the channel name and channel number.

> **M**
> **005** CH   5
>   CH-005
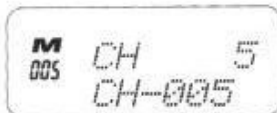
CH   5: indicate channel name, it can be edited by user.
CH-005: indicate the current channel is the fifth channel.

2) Show the channel name and the frequency

> **M**
> **005** CH   5
>   455.00
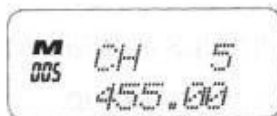
CH   5: indicate channel name, it can be edited by user.
455.00: indicate the frequency of the current channel.

3) The transmit and receive frequency of current channel

> **M**
> **005** R455.00
>   T455.00
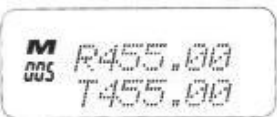
R 455.00: indicate the receive frequency of current channel.
T 455.00: indicate the transmit frequency of current channel.

3. Frequency mode
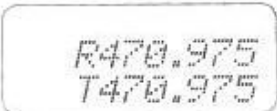
> R470.975
> T470.975

R 470.975: indicate the receive frequency
T 470.975: indicate the transmit frequency

The difference between channel mode and frequency mode is that if the left of the LCD show $^{M}_{005}$

FM Radio receiver

This radio have the function of FM radio.

Press [MENU] + [CALL] you can enter this function. Press [*🔒] to select the programs. Press " # " key for reposition. Press [MENU] to exit this function.

Store/Delete

To store a frequency
To store a frquency and its settings (CTCSS, DCS, SHIFT REPEATERS etc) follow the procedure below:

1. At first, choose all the settings to store;
2. Press the MENU button;
3. Then, push ESC/M ;
4. Rotate the Encoder knob and select the momory number where you want to store the frequency and its settings;
5. Confirm your selection by pressing ESC/M ;

(**Note:**a triangle displayed underneath the channel number indicates that it has already been stored).

Delete a momory
1. Delete one store channel

In Channel Mode turn off the power. Hold down the ESC/M key and turn on the unit. "DEL?" and stored channel number will be displayed. Turn the Encoder knob or select the channel to delete. Push ENTER until "YES?" appears on the display; push it again to confirm or press ESC/M to exit.

REV
00| DEL ?

00| YES ?
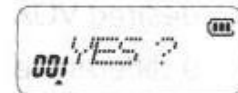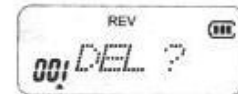
2. Reset (Delete all the settings in Frequency mode)

Hold down the MENU and turn on the unit until "RESET?" is displayed. Press ENTER until "VFO?" is shown on the display; push it again for confirmation.

REV
RESET?

VFO ?
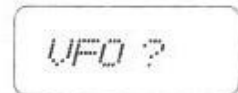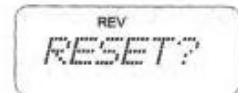
3. Delete all settings

Hold down [MENU] and turn on the unit until
display"VFO?" is shown on the display. Turn
the Encoder knob to select "FULL ? ", then
press [ENTER] to delete all the settings in
Frequency and Channel mode.

FULL ?
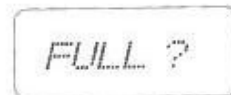
Advanced Operations

Selecting the VOX sensitivity level

The VOX function is deactivated by default. To
activate it follow the procedure here below:

1. Press the [MENU] button;
2. Turn the Encoder knob until the display shows
   "$_{003}$VOX?";

   $_{0}$VOXOFF

3. Push the [ENTER] key;
4. Turn again the Encoder knob and select the
   desired VOX level (you can choose amongst
   9 different levels);
5. Push the [ENTER] key again;
6. To exit, press twice [ESC/M] ;
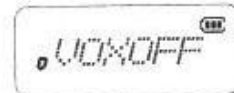
To activate and select rapidly the VOX function, you can do it also by
operating on the fast menu: press the [MENU] key and then [3DEF] and
follow the procedure above described starting from point 3.

Setting the transmission power

To select desired power level:

1. Press the [MENU] button;
2. Turn the Encoder knob until the display shows "$_{004}$POWER?";
3. Push [ENTER];
4. Turn again the Encoder knob and select the desired power level (you can choose between 2 levels: "H" and "L"); press * to increase power and press # to decrease power;
5. Press [ENTER];
6. Press twice the [ESC/M] knob to exit;
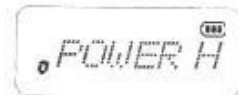
To activate and select rapidly the power level, you can also use the fast menu: press the [MENU] key and then [4 GHI] and follow the procedure above described starting from point 3.

Setting squelch

To select the squelch level:

1. Press the [MENU] button;
2. Turn the Encoder knob until "$_{005}$SQL ?" is displayed;
3. Push [ENTER];
4. Turn the Encoder knob and select the desired squelch level (9 different levels are available);
5. Press [ENTER];
6. Press twice the [ESC/M] knob to exit;
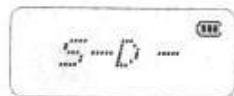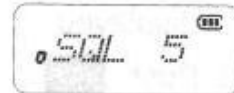
To activate and select rapidly the squelch level, you can also use the fast menu: press the [MENU] key and then [5 JKL] and follow the procedure above described starting from point 3.

Scrambler on/off

To activate the scrambler, follow this procedure:

1. Press the MENU button;
2. Turn the Encoder knob until "$_{006}$SCRM ?" is displayed;
3. Push ENTER ;
4. Turn the Encoder knob and activate/deactivate the scrambler (ON=activated; OFF=deactivated);
5. Press ENTER ;
6. Press twice the ESC/M knob to exit;
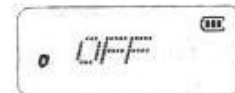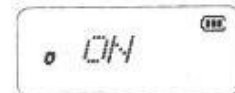
To activate/deactivate rapidly this function, you can also use the fast menu: press the MENU key and then 6MNO and follow the procedure above described starting from point 3.

Backlight on/off

To select the LCD backlight, follow this procedure:

1. Press the MENU button;
2. Turn the Encoder knob until "$_{007}$LED ?" is displayed;
3. Push ENTER ;
4. Turn the Encoder knob and activate/deactivate the function: 3 different options are available (AUTO, ON, OFF) ;
5. Press ENTER ;
6. Press twice the ESC/M knob to exit;
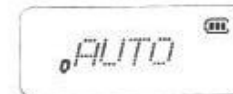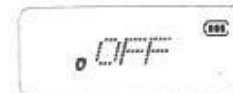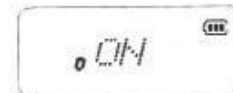
To activate/deactivate rapidly the backlight, you can also use the fast menu: press the MENU key and then 7PQRS and follow the procedure above described starting from point 3.

Select backlight color

To activate the backlight colour:

1. Press the **MENU** button;
2. Turn the Encoder knob until "$_{008}$LIGHT " is displayed;
3. Push **ENTER** ;
4. Turn the Encoder knob and choose the desired colour (3 different colours are available);
5. Press **ENTER** ;
6. Press twice the **ESC/M** knob to exit;

LIGHT2

To select it rapidly, you can also use the fast menu: Press the **MENU** key and then **8TUV** and follow the procedure above described starting from point 3.

Beep on/off

The keypad beep is activated by default. To deactivate it:

1. Press the **MENU** button;
2. Turn the Encoder knob until " $_{009}$BEEP " is displayed;
3. Push **ENTER** ;
4. Turn the Encoder knob and activate/deactivate the beep (ON=beep enabled; OFF=beep disabled);
5. Press **ENTER** ;
6. Press twice the **ESC/M** knob to exit;

$_0$ON

$_0$OFF
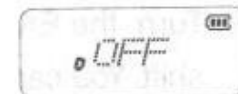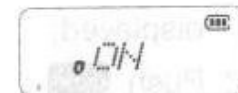
To activate/deactivate rapidly the keypad beep, you can use the fast menu: Press the **MENU** key and then **9WXYZ** and follow the procedure above described starting from point 3.

Automatic Numbering Identification (ANI) on/off

You can set an antomatic number identifier visible from the radio's display of your partner each time you send a call signal.

To activate this function:

1. Press the MENU button;
2. Turn the Encoder knob until "$_{010}$ANI" is displayed;
3. Push ENTER ;
4. Turn the Encoder knob and activate/deactivate the function.(ON=activated; OFF=deactivated;)
5. Press ENTER ;
6. Press twice the ESC/M knob to exit;
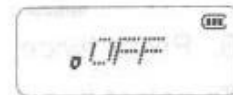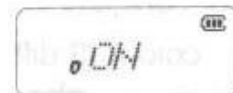
To activate/deactivate this function, you can also use the fast menu: press the MENU key and then ▢+ and follow the procedure above described starting from point 3.

Repeater shift (for communications through repeaters)

To activate this function, follow these steps:

1. Press the MENU button;
2. Rotate the Encoder knob until "$_{019}$S-D?" is displayed;
3. Push ENTER ;
4. Turn the Encoder knob and select the repeater shift. You can choose amongst the following options +, - and 0;
5. Press ENTER again;
6. Press twice the ESC/M to exit;
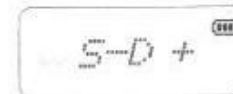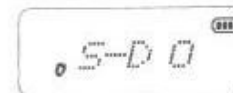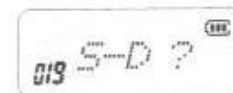
To select the repeater shift, you can also use the fast menu: press the [MENU] key and then [✱🔒] and follow the procedure above described starting from point 3.

```
┌──────→ Simplex ──→ + ──→ − ─────┐
│                                  │
└──────────────────────────────────┘
```

Repeater shift adjustment (for communications through repeaters)

1. Press the [MENU] button;
2. Rotate the Encoder knob until " $_{015}$DIFFR? " is displayed;
3. Push [ENTER] ;
4. Turn the Encoder knob and select the repeater shift. You can also enable it by inputting the frequency directly on the keypad;
5. Press [ENTER] ;

$_{015}$DIFFR?
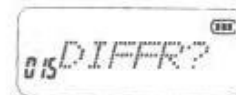
Select the frequency step

1. Press the MENU button;
2. Rotate the Encoder knob until "$_{020}$STEP?" is displayed;
3. Push ENTER ;
4. Turn the Encoder knob and select desired frequency step. You can choose amongst: 5KHz, 10KHz, 6.25KHz, 12.5KHz and 25KHz;
5. Press twice the ESC/M key to exit;

$_{020}$STEP?
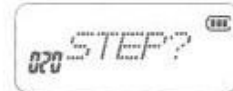
Select CTCSS and DCS tones

To select a CTCSS tone
1. Press the MENU botton;
2. Rotate the Encoder knob until "$_{016}$C-CDC" is displayed;
3. Push ENTER ;
4. Turn the Encoder knob and select the desired subaudio tone;
5. Press ENTER to confirm;

To select a DCS tone:
1. Select "$_{016}$C-CDC" either with the Encoder knob or with fast access;
2. Push ENTER ;
3. Press the *🔒 button;
4. Turn the Encoder knob and select the desired DCS level;
5. Press ENTER again for confirmation;

While selecting the DCS codes, if you press #, you will select the normal (N) or inverted (I) DCS codes.

Voice function (Both in English and Chinese)

With this function, you activate a voice that informs about any operation/selection you are doing. To activate it. Follow these steps:

1. Press the [MENU] botton;
2. Rotate the Encoder knob until "$_{014}$VOICE?" is displayed;
3. Push [ENTER] ;
4. Turn the Encoder knob and activate/deactivate the function. (ON=enable; OFF=disable);
5. Press [ENTER] again;
6. Press twice the [ESC/M] knob to exit;

ON VOICE?
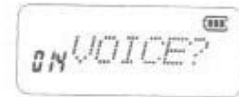
Notice: The programming software can program the Chinese or English voice.

Menu Operation

To operate with all the parts/settings of the menu, you have to follow these general steps:

1. Press the [MENU] button.
2. Turn the Encoder to select the desired menu.
3. Press [ENTER] and turn the Encoder to choose the desired settings.
4. Press [ENTER] to confirm.

Menu Operation List

MENU		Selection		Operation
001 SCAN ?	Enter →	Scan entire channel	→	Press [Enter] to exit scan Press any key to return
↓ Encoder				
002 PRI ?	Enter →	Priority channel scan	→	Press [Enter] to exit scan Press any key to return
↓ Encoder				
003 VOX ?	Enter →	OFF~9	→	Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder				
004 POW ?	Enter →	H/L	→	Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder				
005 SQL ?	Enter →	0~9	→	Turn encoder to select Press Enter to confirm Press [ESC/M] to exit
↓ Encoder				
006 SCRM ?	Enter →	ON/OFF	→	Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder				
007 LED ?	Enter →	ON/OFF/Auto	→	Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder				
008 LIGHT ?	Enter →	1/2/3	→	Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder				

009 BEEP ?	→ Enter → ON/OFF	→ Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder		
010 ANI ?	→ Enter → ON/OFF	→ Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder		
011 KEYBO ?	→ Enter → MANUAL/AUTO	→ Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder		
012 TOT ?	→ Enter → OFF~270	→ Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder		
013 SCANS ?	→ Enter → TO/CO/SE	→ Turn encoder to select Press [Enter] to confirm Press twice [ESC/M] to exit
↓ Encoder		
014 VOICE ?	→ Enter → ON/OFF	→ Turn encoder to select Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder		
015 DIFFR ?	→ Enter → 0-70.995	→ Input frequency or turn encoder Press [Enter] to confirm Press [ESC/M] to exit
↓ Encoder		
016 C-CDC?	→ Enter → See CTCSS chart	→ Press "*" key to select CTCSS/DCS or cancel CTCSS/DCS Press "#" key to select Normal/Inverted DCS Press[ESC/M] to exit Turn encoder
↓ Encoder		

```
┌──────────────┐   Enter   ┌──────────────┐       ┌──────────────────────────┐
│  017 R-CDC ? │ ────────> │  See CTCSS   │ ────> │ Press "*" key to select  │
└──────────────┘           │    chart     │       │ CTCSS/DCS or cancel      │
       │                   └──────────────┘       │ CTCSS/DCS                │
       │ Encoder                                   │ Press "#" key to select  │
       ▼                                           │ Normal/Inverted DCS      │
                                                   │ Press[ESC/M] to exit     │
                                                   │ Turn encoder             │
                                                   └──────────────────────────┘

┌──────────────┐   Enter   ┌──────────────┐       ┌──────────────────────────┐
│  018 T-CDC ? │ ────────> │  See CTCSS   │ ────> │ Press "*" key to select  │
└──────────────┘           │    chart     │       │ CTCSS/DCS or cancel      │
       │                   └──────────────┘       │ CTCSS/DCS                │
       │ Encoder                                   │ Press "#" key to select  │
       ▼                                           │ Normal/Inverted DCS      │
                                                   │ Press[ESC/M] to exit     │
                                                   │ Turn encoder             │
                                                   └──────────────────────────┘

┌──────────────┐   Enter   ┌──────────────┐       ┌──────────────────────────┐
│  019 S-D ?   │ ────────> │  +/-/ cancel │ ────> │ Turn encoder to select   │
└──────────────┘           └──────────────┘       │ Press [Enter] to confirm │
       │ Encoder                                   │ Press [ESC/M] to exit    │
       ▼                                           └──────────────────────────┘

┌──────────────┐   Enter   ┌──────────────┐       ┌──────────────────────────┐
│  020 STEP ?  │ ────────> │   5K/10K/    │ ────> │ Turn encoder to select   │
└──────────────┘           │ 6.25K/10K/25K│       │ Press [Enter] to confirm │
       │ Encoder           └──────────────┘       │ Press [ESC/M] to exit    │
       ▼                                           └──────────────────────────┘

┌──────────────┐   Enter   ┌──────────────┐       ┌──────────────────────────┐
│  021 N/W ?   │ ────────> │    Wide      │ ────> │ Turn encoder to select   │
└──────────────┘           │   Narrow     │       │ Press [Enter] to confirm │
  Encoder │ ESC/M          └──────────────┘       │ Press [ESC/M] to exit    │
          ▼                                        └──────────────────────────┘
┌──────────────┐
│    Exit      │
└──────────────┘
```

Self-Programming mode

To enter in Self-Programming mode, follow these steps:

1. While turning on the unit, hold down [CALL] and [MENU] until "SELF" is displayed;
2. Press [ENTER] ;
3. Turn the Encoder knob and select the memory number to program;
4. Push [ENTER] again;
5. Digit the desired rx frquency;
6. Press [ENTER] ;
7. Press [*🔒] and with the Encoder knob select the desired CTCSS in RX (if you press it again, you can select a DCS code);
8. Press [ENTER] ;
9. Digit the desired tx frquency;
10. Push [ENTER] ;
11. Press [*🔒] and with the Encoder knob select the desired CTCSS in TX(if you press it again, you can select a DCS code);
12. Press [ENTER] ;
13. With the Encoder knob, enable/disable the busy channel lockout (you can choose: OFF, 1 carrier, 2 CTCSS/DCS);
14. Press [ENTER] ;
15. By turning the Encoder knob, you can enable/disable the priority channel scanning;
16. Press [ENTER] ;
17. Turn the Encoder knob and select the power level in tx H (high) or L (low);
18. Press [ENTER] ;

19. Turn the Encoder knob and select the transmission mode: WIDE or NARROW;

20. Push ENTER ;

21. Rotate the Encoder knob and select the first letter for the name of the programmed channel. To switch to the next channel, push the # button and turn the Encoder knob;

22. Press ENTER ;

23. Switch off the unit to finish the programming procedure and return to the standard modality.

The list of Self-programming contents

Items	Contents
1	Channel number
2	RX frequency
3	Codes CTCSS/DCS in RX
4	TX frequency
5	Codes CTCSS/DCS in TX
6	Busy channel lockout
7	Add/Del priority channel scan
8	Power level in TX
9	To select channel spacing
10	Program channel name

Self-programming chart

```
┌─────────────────────────────┐
│ [CALL]+[MENU]+switch on      │          ┌──────────────────┐
│ the unit for 2 seconds       │          │ Display (example)│
└─────────────────────────────┘          └──────────────────┘
              │
              ▼
  ┌──────────────────────┐                ┌──────────┐
  │  Self-programming     │                │  SELF    │
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐
  │     Channels          │──────────────▶│ 001 CH1  │  Select channel 1 to 128
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   Select receiving
  │  Receiving frequency  │──────────────▶│ 002 450.000│  frequency
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   Select CTCSS/DCS
  │   Receiving codes     │──────────────▶│ 003 67.0 │   Press [*🔒] to switch
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   Select transmitting
  │ Transmitting frequency│──────────────▶│ 004 450.000│  frequency
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   Select CTCSS/DCS
  │  Transmitting codes   │──────────────▶│ 005 67.0 │   Press [*🔒] to switch
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   OFF: close
  │ Busy channel Lockout  │──────────────▶│ 006 OFF  │   1. Carrier
  └──────────────────────┘                └──────────┘   2. CTCSS/DCS
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   Add: Add priority
  │ Priority channel scan │──────────────▶│ 007 ADD  │         channel scan
  └──────────────────────┘                └──────────┘   Del: Delete priority
        │ ENTER                                                channel scan
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   H: High power
  │    Output Power       │──────────────▶│ 008 H    │   L: Low power
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   WIDE: 25KHz
  │   Channel spacing     │──────────────▶│ 009 WIDE │   NARROW: 12.5 KHz
  └──────────────────────┘                └──────────┘
        │ ENTER
        ▼
  ┌──────────────────────┐   Encoder      ┌──────────┐   Press [ENTER] to
  │ Program Channel Name  │──────────────▶│ 010 ABC 123│ confirm and switch
  └──────────────────────┘                └──────────┘   to the next channel

              ┌──────────┐
              │   END    │
              └──────────┘
```

![PUXING logo]

Enclosed chart

50 CTCSS frequency code (Hz)

67.0	85.4	107.2	136.5	165.5	186.2	210.7	254.1
69.3	88.5	110.9	141.3	167.9	189.9	218.1	
71.9	91.5	114.8	146.2	171.3	192.8	225.7	
74.4	94.8	118.8	151.4	173.8	196.6	229.1	
77.0	97.4	123.0	156.7	177.3	199.5	233.6	
79.7	100.0	127.3	159.8	179.9	203.5	241.8	
82.5	103.5	131.8	162.2	183.5	206.5	250.3	

104+1 DCS code

023	065	132	205	255	331	413	465	612	723
025	071	134	212	261	332	423	466	624	731
026	072	143	223	263	343	431	503	627	732
031	073	145	225	265	346	432	506	631	734
032	074	152	226	266	351	445	516	632	743
036	114	155	243	271	356	446	523	645	754
043	115	156	244	274	364	452	526	654	
047	116	162	245	306	365	454	532	662	
051	122	165	246	311	371	455	546	664	
053	125	172	251	315	411	462	565	703	
054	131	174	252	325	412	464	606	712	

PUXING

TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
No Power	• The battery pack may be dead.Recharge or replace the battery pack. • The battery pack may not be installed correctly. Remove the battery pack and install it again.
Battery power dies shortly after charging	• The battery pack life is finished.Replace the battery pack with a new one.
Cannot talk to or hear other members in your group	• Make sure you are using the same frequency and CTCSS/DCS tone as the other members in your group. • Other group members may be too far away. Make sure you are within range of the other radios.
Other voices (besides group members) are present on the channel.	• Change the CTCSS/DCS tone.Be sure to change the tone on all radios in your group.

To Customers

Thank you very much for using our FM VHF/UHF Two Way Radio. This radio of modern design is reasonable structure with stable functions. It is designed to meet customer's needs for the high quality with easy operation and perfect capability.

We believe you are pleased with the finished shape and the reasonable price.

This manual is suitable for using the model of PX888.

Contents

PUXING

UNPACKING AND CHECKING EQUIPMENT

Carefully unpack the radio. We recommend that you identify the items listed
in the following table before discarding the packing material. If any items are
missing or have been damaged during shipment, file a claim with the carrier
immediately.

Supplied Accessories

ITEMS	QUANTITY
Radio	1
Antenna	1
Battery	1
Charger	1
Belt Clip	1
User's Manual	1

Optional Accessories

ITEMS
Earphone
Microphone
Connecting cable
Programmable software