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PX-555

CTCSS/DCS

Output power: 4W
Range Further,
Penetration Better

- Simple operation, easy to carry and wide range to use.
- Tonal output with loud and clear.
- Up to 16 channel capacity.
- PC programming.
- Power saving and to extend for using time of batteries.
- Low battery warning.



4W 通讯距离更远，穿透能力更强

User's Manual

THANK YOU!

We are grateful for your purchase of this **PUXING** transceiver. We believe this easy-to-use transceiver will provide you with dependable and reliable communications.

PUXING

We adopt advanced technology & workmanship for this transceiver, we trust our laborative design will make it better & quicker service for you; for correct use, please read this manual before use.

MODELS COVERED BY THIS MANUAL

- PX-555 (1):** 16-channel VHF FM Transceiver 150-174MHz
16-channel UHF FM Transceiver 450-470MHz
- PX-555 (2):** 16-channel VHF FM Transceiver 136-150MHz
- PX-555 (4):** 16-channel UHF FM Transceiver 400-430MHz

PRECAUTIONS

- Refer service to qualified technicians only.
- Do not operate the transceiver or charge a battery pack in an explosive atmosphere (gases, dust, fumes, etc.).
- Turn OFF the transceiver while taking on fuel or while parked in a gasoline service station.
- Do not modify or attempt to adjust this transceiver for any reason.
- Do not expose the transceiver to long periods of direct sunlight, nor place it close to heating appliances.
- Do not place the transceiver in excessively dusty, humid, and/or wet areas, nor on unstable surfaces.

SAFETY

It is important that the operator is aware of, and understands, hazards common to the operation of any transceiver.

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UNPACKING AND CHECKING EQUIPMENT

Carefully unpack the transceiver. 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.

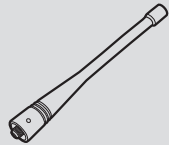
Supplied Accessories

ITEM			QUANTITY
Antenna	PX-555 (1) PX-555 (2)	M	1
		M2	
		M4	
Battery charger (PX-555 only)			1
Ni-MH battery pack (PX-10) (PX-555 only) 6V (700mAh)			1
Speaker/ microphone jack cover			1
Belt clip			1
Screw set			1
Instruction Manual			1

Note:

A market code (M, M2, or M4) can be found on the label attached to the package box.

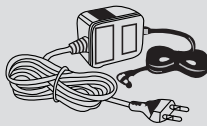
UNPACKING AND CHECKING EQUIPMENT



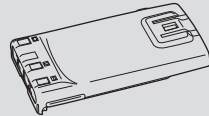
Antenna
(PX-555)



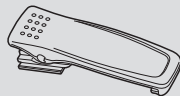
Battery charger
(PX-555)



AC adaptor
(PX-555 only)



Ni-MH battery pack (PX-10)
(PX-555 only)



Belt clip



Speaker / microphone
jack cover



Screw set

PREPARATION

Charging the Ni-MH Battery Pack

The battery pack is not charged at the factory; charge it before use. Initially charging the battery pack after purchase or extended storage (greater than 2 months) will not bring the battery pack to its normal operating capacity. After repeating the charge/discharge cycle two or three times, the operating capacity will increase to normal.

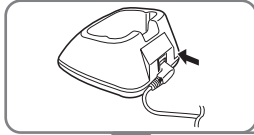
CAUTION

- ◆ DO NOT RECHARGE THE BATTERY PACK IF IT IS ALREADY FULLY CHARGED. DOING SO MAY CAUSE THE LIFE OF THE BATTERY PACK TO SHORTEN OR THE BATTERY PACK MAY BE DAMAGED.
- ◆ AFTER RECHARGING THE BATTERY PACK, DISCONNECT IT FROM THE CHARGER. CHARGING THE BATTERY PACK FOR MORE THAN 5 DAYS MAY REDUCE THE BATTERY PACK LIFE DUE TO OVERCHARGING.

Note:

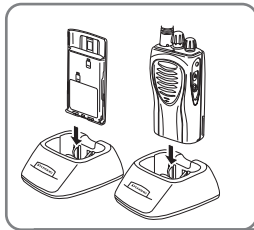
- ◆ The ambient temperature should be between 41 and 104° F (5 and 40°C) while charging is in progress. Charging outside this range may not fully charge the battery.
- ◆ Always switch OFF the transceiver equipped with a Ni-MH battery pack before charging. Using the transceiver while charging its battery pack will interfere with correct charging.
- ◆ The battery pack life is over when its operating time decreases even though it is fully and correctly charged. Replace the battery pack.

PREPARATION



Plug the AC adaptor cable into the adaptor jack located on the rear of the charger.

Plug the AC adaptor into an AC outlet.



Slide the Ni-MH battery pack or transceiver with a Ni-MH battery pack into the charger.

- ◆ Make sure the battery pack contacts are in contact with the charging terminals.
- ◆ The charger LED lights and charging begins.

After charging the supplied PX-10 battery pack for 8 hours, remove it or the transceiver equipped with it from the charger.

- ◆ The charger does not turn OFF automatically after charging is completed.

Unplug the AC adaptor from the AC outlet.

Note:

It takes approximately 12 hours to fully charge the optional PX-10 (6v / 700mAh) battery pack.

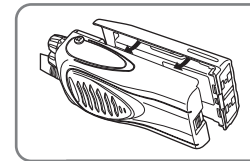
PREPARATION

Installig / Removing the Battery Pack

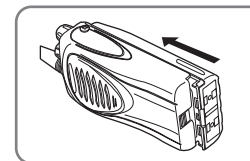
The average life of the supplied PX-10 Ni-MH battery pack is 8 hours. Average times are calculated using 5% transmit time 5% receive time, and 90% standby time.

CAUTION

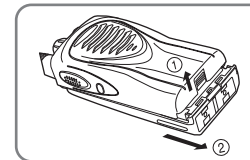
- ◆ DO NOT SHORT THE BATTERY TERMINALS OR DISPOSE OF THE BATTERY BY FIRE.
- ◆ NEVER ATTEMPT TO REMOVE THE CASING FROM THE BATTERY PACK.



Match the four grooves of the battery pack with the corresponding guides on the back of the transceiver.



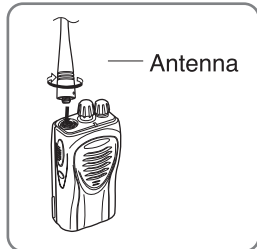
Slide the battery pack along the back of the transceiver until the release latch on the base of the transceiver locks.



To remove the battery pack, pull back on the release latch and slide the pack away from the transceiver.

PREPARATION

Installing the Antenna

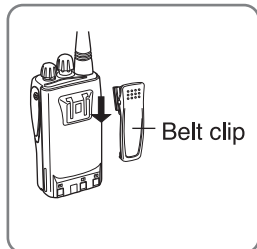


Screw the antenna into the connector on the top of the transceiver by holding the antenna at its base and turning it clockwise until secure.

Note:

The antenna is neither a handle, a key ring retainer, nor a speaker/ microphone attachment point. Using the antenna in these ways may damage the antenna and degrade your transceiver's performance.

Installing the Belt Clip



If necessary, buckle the belt clip to the back of the battery pack.

Note:

- If the belt clip is not installed, its mounting location may get hot during continuous transmission or when left sitting in a hot environment.
- You must remove the belt clip before removing the battery pack.

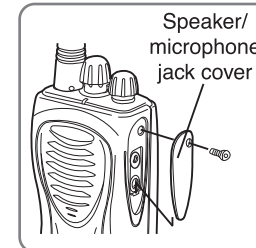


CAUTION

DO NOT USE GLUE WHICH IS DESIGNED TO PREVENT SCREW LOOSENING WHEN INSTALLING THE BELT CLIP, AS IT MAY CAUSE DAMAGE TO THE TRANSCEIVER. ACRYLIC ESTER, WHICH IS CONTAINED IN THESE GLUES, MAY CRACK THE TRANSCEIVER'S BACK PANEL.

PREPARATION

Installing the Cover over the Speaker/ Microphone Jacks

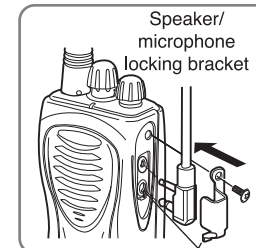


If you are not using a speaker / microphone, install the cover over the speaker / microphone jacks using the supplied 3 x 6 mm screw.

Note:

To keep the transceiver water resistant, you must cover the speaker / microphone jacks with the supplied cover.

Installing the Optional Speaker/ Microphone



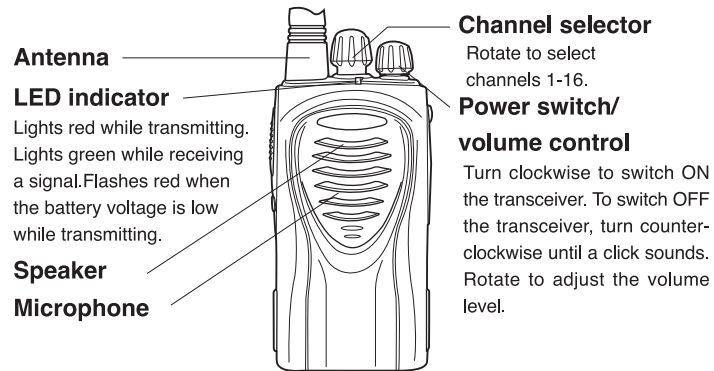
Insert the speaker/ microphone plugs into the speaker/ microphone jacks.

Attach the locking bracket using the supplied 3 x 6 mm screw.

Note:

The transceiver is not fully water resistant while using the speaker/ microphone.

GETTING ACQUAINTED (PX-555)

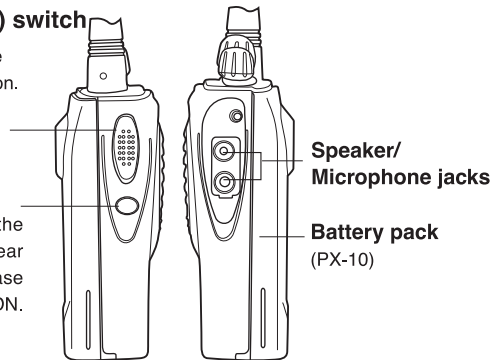


PTT (Push-To-Talk) switch

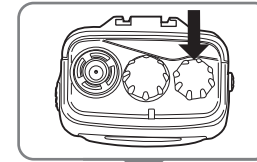
Press, then speak into the microphone to call a station. Release to receive.

Monitor key

Press and hold to turn the squelch OFF. You will hear background noise. Release to turn the squelch back ON.

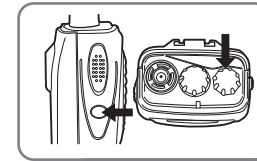


PX-555 OPERATION

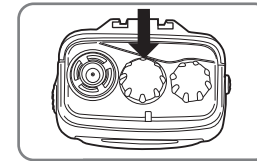


Switch ON the transceiver by turning the **Power** switch / **Volume** control clockwise.

- A beep sounds

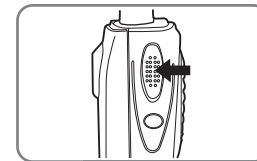


Adjust the volume by pressing and holding the **Monitor** key, then rotating the **Power** switch / **Volume** control.



Rotate the **Channel** selector to select your desired channel.

- When you receive an appropriate signal, you will hear audio from the speaker.



To make a call, press and hold the **PTT** switch, then speak into the microphone using your normal speaking voice.

- Hold the microphone approximately 1.5 inches (3 to 4 cm) from your lips.

Release the **PTT** switch to receive.

Note:

When the battery pack voltage becomes too low, transmission will stop and the LED will blink red. See "Low Battery Warning" on page 10.

AUXILIARY FUNCTIONS

Time-out Timer

The purpose of the Time-out Timer is to prevent any single person from using a channel for an extended period of time.

If you continuously transmit for 300 seconds, the transceiver will stop transmitting and a tone will sound.

To stop the tone, release the **PTT** switch. You can press the **PTT** switch again to resume transmitting.

Battery Save

The Battery Save function decreases the amount of power used when a signal is not being received and no operations are being performed (no keys are being pressed, and no switches are being turned). While the channel is not busy and no operation is performed for 10 seconds, Battery Save turns ON.

When a signal is received or an operation is performed, Battery Save turns OFF.

Low Battery Warning

Low Battery Warning alerts you when the battery needs to be recharged.

While transmitting, if the battery power goes below a predetermined value, the LED will blink red. When a tone sounds, the transceiver stops transmitting.

Replace or recharge the battery pack.

AUXILIARY FUNCTIONS

Monitor

When no signals are present, the squelch on the transceiver automatically mutes the speaker so you will not hear background noise. To manually deactivate the squelch, press and hold the Monitor key. This is useful when you want to adjust the volume level, or when you need to hear a weak signal.

- The LED indicator lights green while the Monitor key is pressed.

Quiet Talk (QT)

Some channels may have pre-programmed QT tones.

A QT tone is a subaudible tone which allows you to ignore (not hear) calls from other parties who are using the same channel.

When you receive a signal that has a tone different from the one set up in your transceiver, you will not hear the signal.

Likewise, signals that you transmit will only be heard by parties whose QT tone matches the tone set up in your transceiver.

Note:

Although using channels set up with QT tones relieves you from listening to unwanted calls, it does not mean your calls will be private.

OPTIONAL ACCESSORIES

You can use the following accessories with your transceiver:

- PX-10: Standard Battery (6V/ 700 mAh)
- PX-12: Long Life Battery (6V/ 1300 mAh)
- PX-10: Regular Battery Charger
- PX-12: Rapid Battery Charger
- PX-1: Head Set with VOX (Voice Operated Transmit)
- PX-17: Speaker/ Microphone (Standard Duty)
- PX-21: Speaker/ Microphone (Light Duty)
- PX-8: Spring-action Belt Clip

TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
No power.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• The battery pack life is finished. Replace the battery pack with a new one.
Cannot talk to or hear other members in your group.	<ul style="list-style-type: none">• Make sure you are using the same frequency and Quiet Talk 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 transceivers.
Other voices (besides group members) are present on the channel.	<ul style="list-style-type: none">• Change the Quiet Talk tone. Be sure to change the tone on all transceivers in your group.

FREQUENCY CHART

Model Name: PX- _____

Serial Number: _____

Channel	Transmit Frequency	Receive Frequency	QT/DQT
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

GUARANTEE CARD

Model Number: _____

Serial Number: _____

Purchasing Date: _____

Dealer: _____ Telephone: _____

User's Name: _____ Telephone: _____

Address: _____ Post Code: _____

Remarks:

1. This guarantee card to be kept by the user, no replenishment if lost.
2. This guarantee card to be filled & chopped by the dealer, or it is invalid.
3. Don't alter the guarantee card, please confirm the serial number on the guarantee card is same as that on the machine.
4. One-year guarantee, charger, battery, ear-phone, antenna and cable are not under guarantee.
5. The user can get repairing service from the following ways:
 - a. Go to the shop where you buy the machine.
 - b. Our local repairing agernt.

- Please cut along with this line -

