

SPECIFICATIONS

GENERAL

Power Source: 9V DC Alkaline (type 006PX1) or (type MN1604x 1) Alkaline

Frequency Range: 49.830-49.890 mHz

Current Drain: Standby 15mA/Receive 65mA/Transmit 85mA

Service Area: Approx. 1/4 mile (400 meters)
Optimum Conditions: to 1/2 mile

Dimensions: 4.61"(H) x 2.54"(W) x .99"(D)

Weight: 9.4 oz (without belt clip or PTT unit).
8.92 oz (250 g)

RECEIVER

Receiving System: FM Double Superheterodyne
Intermediate Frequency: 1st IF 10.7 mHz, 2nd IF 455 KHz

Sensitivity: (20 dB quieting): .5 μ V min.

Squelch Open Sensitivity: .5 μ V min.

Spurious and Image Rejection: 20dB min.

Max. Modulation Bandwidth: 7 KHz

Headphone Impedance: 32 Ω

TRANSMITTER

Transmitting System: Voice Operation
(VOX)/Optional PTT plug-in

Output Power: 10,000 μ V/m at 3 meters maximum
allowed by F.C.C.

Max. Frequency Deviation: 4.5 KHz

Spurious and Harmonic Emissions: 20dB min.

Microphone: Electret Condenser Microphone,
600 Ω

Specifications subject to change without notice.

SERVICE FOR YOUR NADY WIRELESS PRODUCT

(U.S.) Should your Nady PRC-1X Personal Radio Communicator require product service, please contact the Nady Service Department via telephone at (510) 652-2411, or e-mail at service@nadywireless.com for a Return Authorization (R/A) Number and a service quote (if out of warranty). Make sure the R/A Number is clearly marked on the outside of the package that you send in and enclose a cashier's check or money order (if not prepaid with a credit card). Ship the unit prepaid to: Nady Systems, Inc., Service Department, 6701 Shellmound Street, Emeryville, CA 94608. Include a brief description of the problem you are experiencing.

The warranty card enclosed with this system contains additional valuable warranty and service information. Keep it in a safe place for possible future reference. Do not attempt to service this unit yourself as it can be dangerous and will also void the warranty.

(International) For service, please contact the Nady distributor in your country through the dealer from whom you purchased this product.



NADY SYSTEMS, INC. • 6701 SHELLMOUND STREET, EMERYVILLE, CA 94608
Tel: 510.652.2411 • Fax: 510.652.5075 • www.nadywireless.com

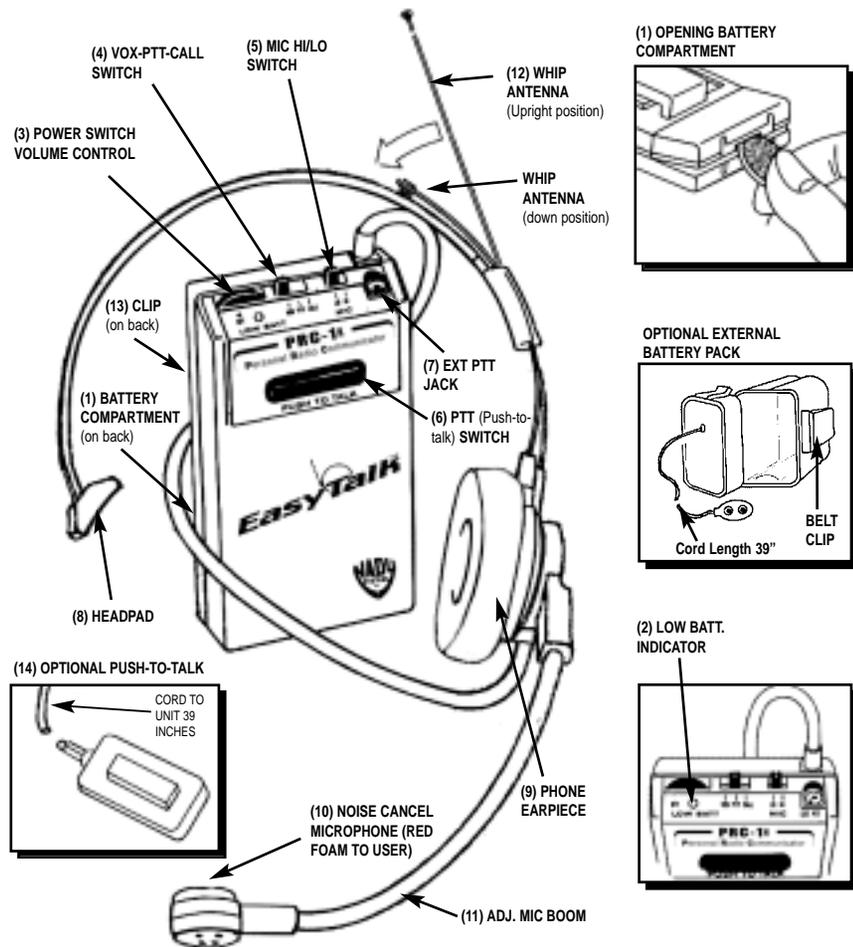


OWNER'S MANUAL

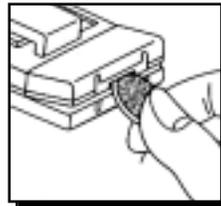


OPERATING INSTRUCTIONS

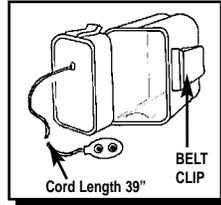
The **EasyTalk™ PRC-1X** is a compact two-way radio communication system that is easy to use and fun to operate. This unit is ruggedly constructed of a durable high-impact ABS plastic that protects its advanced circuitry and allows many years of use with proper care. The **EasyTalk™ PRC-1X** offers simplex (one way at a time) communication with either VOX (voice-activated) or PTT (push-to-talk) transmit-receive switchover. In addition, its unique new "call" function can alert you to incoming calls for added convenience, and its new low-battery LED indicator monitors your battery status. To assure maximum performance of your unit, read these instructions carefully and retain them for future reference.



(1) OPENING BATTERY COMPARTMENT



OPTIONAL EXTERNAL BATTERY PACK



(2) LOW BATT. INDICATOR



Any number of units on the same channel (matched frequency of operation) can be operated simultaneously according to the following procedures.

1. BATTERY INSTALLATION

Open the battery compartment (1) by Inserting a coin into the slot as illustrated and twisting it. Snap on the 9 volt battery (type 006P) to the battery terminal inside the compartment. Replace the cover. For longer performance, an alkaline battery is recommended (Mallory MN1064 or equivalent).

Replace the battery whenever the low battery LED indicator (2) starts to flash. A single quick flash when the unit is first turned on Is normal and Indicates useable battery strength. **NOTE:** Remove the battery when unit Is not In use for a long period of time.

2. AUDIO LEVEL AND POWER SWITCH

To turn on power, rotate the volume control knob clockwise. Adjust the audio level by further rotating the knob. Reverse the procedure to turn It off when not In use.

3. VOX-PTT-CALL SWITCH

Select mode of operation desired with the 3-way VOX-PTT-Call Switch. (4)

These modes operate as follows:

VOX: Voice-activated mode allows hands-free simplex (one way at a time) operation. Flip the mic Lo-Hi switch (5) to "Lo" (Low) or "Hi" (High) to adjust the sensitivity of the automatic transmit/receive switchover. It Is suggested that the switch be set on "H" position for normal use. As this unit Is equipped with a noise cancel microphone that rejects noises from afar, It Is likely that this setting will be satisfactory for most uses.

When operating In excessive ambient noise set the VOX switch on "L" position to pre-vent false switchover

PTT: If manual push-to-talk Is desired this mode allows either PTT with the "Push-to-Talk" switch on the face of the unit (6) or externally with the optional PTT Switch cable (14) plugged into the "Ext PPT" jack. (7)

CALL: When not using unit continuously, this mode can be used to signal an Incoming call with an intermittent "beep beep." The headset can be removed from the head In this mode as the signal is loud and can be easily heard from a distance. Do not press the PTT switch while unit is in "call"

mode, as undesirable transient noises will result. Adjust the headpad (8) until the phone (9) fits over your ear comfortably. Adjust the noise cancel microphone (10) to about one inch from your lips. The adjustable mic boom (11) allows free microphone positioning. For proper operation of the noise cancel microphone, make sure that the red foam side of the mic is facing your lips.

5. VOX OPERATION

Speak into the microphone clearly and evenly. Your voice automatically switches your **EasyTalk** into the transmit mode. You can monitor your transmission in your headphone (sidetone).

When you finish talking, the unit automatically returns to the receive mode In approximately 1/2 second. Only one party can speak and transmit at a time. When receiving, do not speak, or otherwise activate the "VOX" switchover, or reception will be interrupted.

6. PTT OPERATION

Press the "Push to Talk" switch on the face of the unit (6) or the switch at the end of the external cable plugged Into the "Ext PTT" jack as desired when speaking to transmit and release to receive.

7. EasyTalk should be operated with the whip antenna up and extended (12) for maximum range. You can clip the unit on your belt, or place In a pocket. The spring-loaded clip (13) on the back of the unit Is detachable by depressing the tab above the clip and pulling the clip down.

9. EXTERNAL BATTERY PACK

For longer hours of continuous operation, an optional battery pack containing 6 AA batteries (UM-3) Is available at the store where you purchased the unit

NOTE: In some cases, a howling whistle may be heard through the headset. This Is caused by acoustic feedback resulting from close proximity of the microphone to the headphone speaker Feedback Is eliminated when unit Is mounted on head In actual use. To eliminate, turn the volume control knob down or turn the VOX gain switch to "L" (low) position In VOX mode.