

SPECIFICATIONS

GENERAL

Power Source: 9V DC Alkaline (type MN1604 X 1)
Frequency Range: 49.830-49.890 MHz
Current Drain: Receive only (standby) 25mA Full Duplex: 60mA max.
Service Area: 1/4 mile (400 meters) Optimum Conditions: to 1/2 mile
Dimensions: 5.3" (H) x 2.5" (W) x 1.0" (D) (136 x 65 x 25mm)
Weight: 9 oz (255 g)

RECEIVER

Receiving System: FM Double Superheterodyne (Simultaneous-full duplex with receive-only standby option)
Sensitivity: (20 db quieting): 1 μ V (0dB)
Modulation Acceptance Bandwidth: 5KHz
Squelch Open Sensitivity: .5 μ V min.
Spurious and Image Rejection: 20dB min.

Frequency Stability: (0°C to + 40°C): 5 PPM
Headphone Impedance: 32 Ω

TRANSMITTER

Transmitting System: Simultaneous full duplex
Output Power: 10,000 μ V/m at 3 m — maximum allowed by F.C.C.
Max. Frequency Deviation: 4.5 KHz
Spurious and Harmonic Emissions: 20dB min. (F.C.C. Part 15)
FM Hum and Noise: 40dB
Frequency Stability: (0°C to + 40°C): 5 PPM
Microphone: Electret Condenser Microphone, 600 Ω

Specifications subject to change without notice.

SERVICE FOR YOUR NADY WIRELESS PRODUCT

(U.S.) Should your Nady PRC-3X 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

EasyTalk™

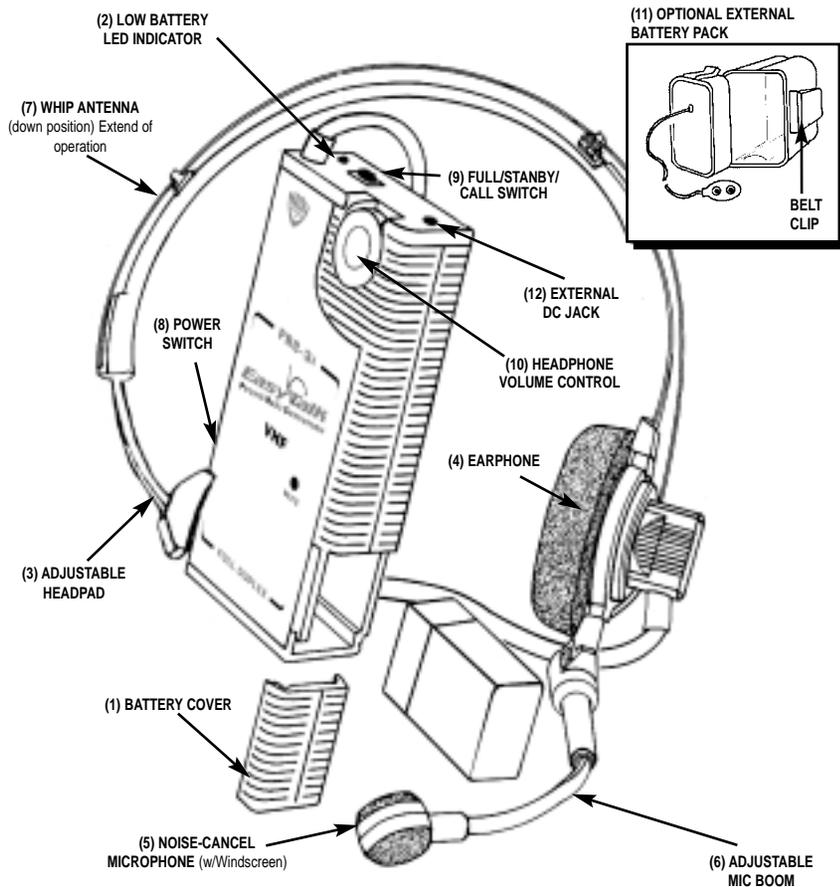
Personal Radio Communicator

PRC-3X



OPERATING INSTRUCTIONS

The EasyTalk™ PRC-3X is a compact two-way hands-free 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-3X offers full duplex (simultaneous two-way) communication between two parties or listen only oneway communication between one sender and any number of parties in standby mode. In addition, its unique new "call" function can alert you to incoming calls for added convenience, and its new lowbattery LED indicator monitors your battery status. To assure maximum performance of your unit, read these instructions carefully and retain them for future reference.



Only two units can be operated simultaneously in duplex mode. Any number of additional units can also be operated in "ST/BY" receive only mode to listen to one of the 2 parties engaged in the duplex conversation. Make sure your units are properly matched for compatible send/receive frequencies (Ch A to B and Ch B to A — per label on rear of units) and follow the procedures below.

1. INSTALL BATTERY

Remove battery cover (1). Load fresh 9V battery into compartment making sure of correct polarity contact. Replace the cover. For longest performance (3-4 hours continuous duplex use), an alkaline battery is recommended (Mallory MN1604 or equivalent). Replace the battery whenever the low battery 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. PUT ON HEADSET

Adjust the headpad (3) until the earphone (4) fits over your ear comfortably. Adjust the noise cancel microphone (5) to about one inch from your lips. The adjustable mic boom (6) allows free microphone positioning. For proper operation of the noise cancel microphone, make sure that the orange foam side of the mic is facing your lips.

3. EXTEND ANTENNA

EasyTalk™ should be operated with the whip antenna up and extended (7) for maximum range.

4. ADJUST CONTROLS FOR DUPLEX OPERATION

- Turn Power Switch (8) to "On" position.

- Move Full-ST/BY-Call switch (9) to "Full" position.
- Turn volume knob (10) clockwise to desired level.

5. "CALL" MODE

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. This mode also helps conserve battery life without losing any incoming calls.

7. "ST/BY" MODE

Standby mode is receive only. Any number of units on proper channel can listen only to a transmission in "ST/BY" mode, although only one at a time can converse with sender in full duplex ("full" mode, discussed in No. 4 above). To extend battery life, keep the slide switch in "ST/BY" when not conversing.

8. EXTERNAL BATTERY PACK

For longer hours of continuous operation, an optional battery pack 61 containing 6 AA batteries (UM-3) is available at the store where you purchased the unit. Plug into "DC 9V" jack (12). Note-if supplying your own source of external DC, be sure to use 2.5 mm "mini" plug with center polarity positive (+) and 9V DC only, otherwise it may cause damage to the unit.