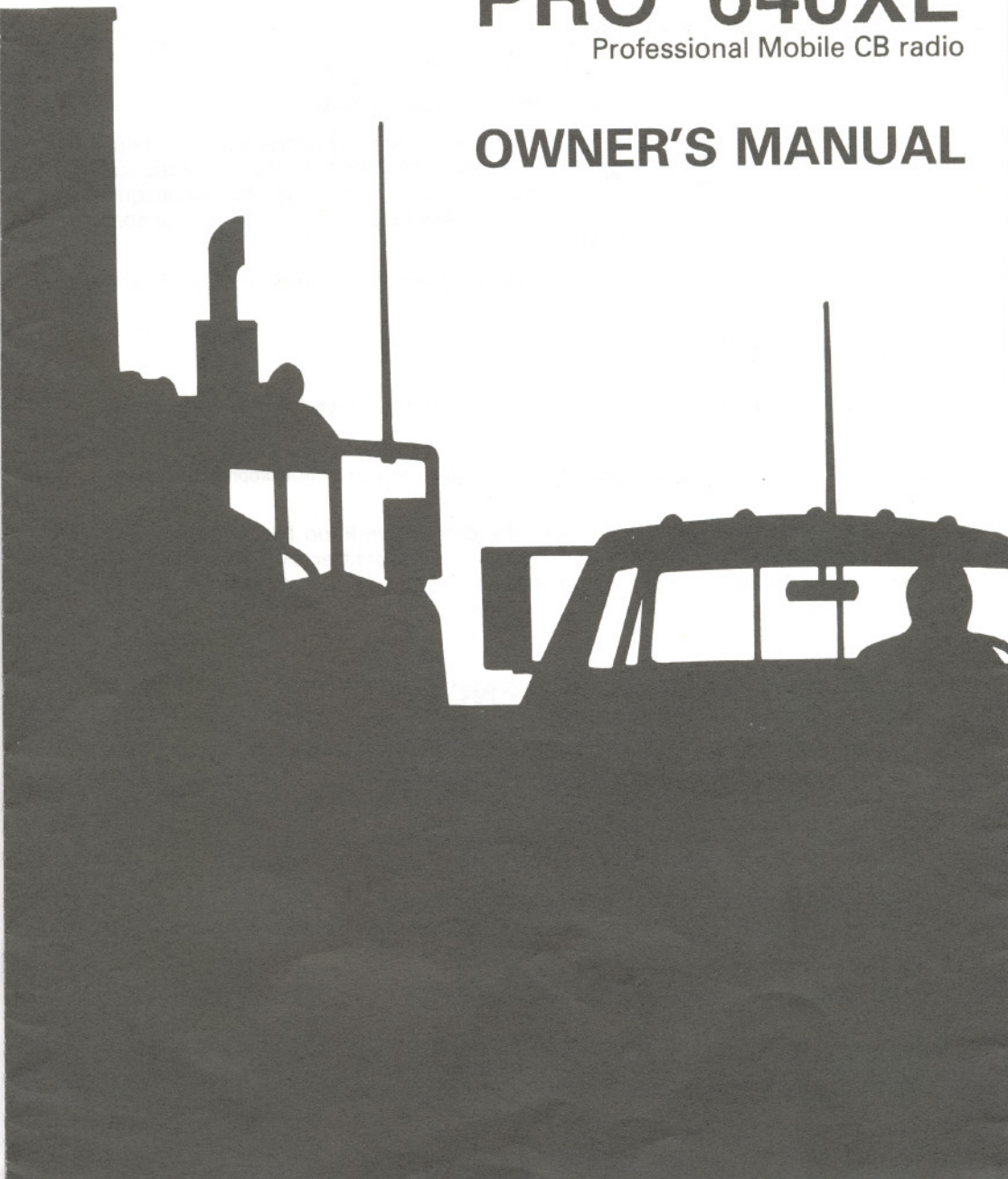


uniden[®]

PRO 640XL

Professional Mobile CB radio

OWNER'S MANUAL



Welcome!

To the world of sophisticated, microprocessor controlled CB radio communications. Your Uniden PRO 640XL represents the most advanced mobile radio ever designed for use in the Citizens Band Radio Service. It will operate on any of the 40 AM, 40 USB or 40 LSB frequencies authorized by the Department of Transport and Communications (DOTAC). Your PRO 640 XL features a superheterodyne circuit with PHASE LOCKED LOOP techniques to assure precise frequency control. This radio has been type accepted and certified by the DOTAC.

WARNING

Before transmitting with your transmitter, you must obtain a Department of Transport and Communications Citizens Band Radio (CBRS) License. Obtain a brochure and a CBRS License Application Form at your nearest DOTAC office. Mail the completed application form and the appropriate fee to the Superintendent Regulatory of Licensing in the State or Territory in which the station will be operated.

CONNECTING THE POWER CORDS

With regard to the connection of the power cords, it may be possible or desirable to connect the red lead (for negative ground systems) or the black lead (for positive ground systems) to the ignition switch accessory terminal so that the radio is automatically turned off when the ignition switch (key) is turned off.

Alternately, the power lead may be connected to an available terminal on the fuse block or even to a point in the wiring harness. Care must be taken, however, to guard against a short circuit condition. When in doubt, please contact your vehicle dealer for specific information about your vehicle.

- 1. MIC GAIN** — Adjusts the modulation of the mic for crisp, clear transmission.
- 2. ANL/NB KEY** — You can select Noise Blanker and Automatic Noise Limiter or all filters OFF. The ANL/NB helps to reduce harsh background noise caused by a variety of interference sources.
- 3. DIM KEY** — The dimmer adjusts the front panel lights for optimum viewing.
- 4. INSTANT CH 9 and 19** — Press these keys to instantly select either channel. Press again to return to normal 40 channel operation.
- 5. TX and RX INDICATORS** — An LED lights to indicate when the radio is transmitting or receiving.
- 6. MICROPHONE** - The operational mode of the CB is controlled by the push-to-talk switch on the mic. Press the switch to activate the transmitter and disable the receiver. Release the switch to enable the receiver and disable the transmitter. When transmitting, hold the mic about 2 inches from your mouth and speak clearly in a normal voice. The mic included with the PRO 640XL is a detachable, low impedance, dynamic type.
- 7. S/RF/SWR METER** — This LED meter shows the relative strength of the received signal or the RF output and the Standing Wave Ratio of your antenna.
- 8. CHANNEL INDICATOR** — Displays the channel currently in use.
- 9. CHANNEL SELECTOR** - This switch selects the desired channel for transmission and reception. All channels, except channel 9, may be used for communications between stations operating under different license. Channel 9 has been reserved by the DOTAC for emergency communications involving the immediate safety of individuals or the immediate protection of property. Channel 9 also may be used to render assistance to a motorist. This is a DOTAC rule and applies to all operators of CB radios.
- 10. CLARIFIER** — Used to fine tune the receive frequency in USB/LSB modes.
- 11. RF GAIN** — Press this control when strong signals are present to improve signal reception sensitivity.
- 12. SQUELCH** — The Squelch control is used to eliminate background noise during the absence of a transmission. Turn the control fully counterclockwise, then slowly rotate it back, clockwise until all noise disappears. At this setting any transmission must be slightly stronger than the background noise to "Break Squelch" or to be heard. Further clockwise rotation will increase the threshold at which a signal will be heard. You can select any level to "Break Squelch"

