

Uniden Pro 538w CB Radio

Full Featured 40 Channel Professional CB

■ *Uniden now brings you a CB designed exclusively for those who depend on their CB day after day.*

■ **INSTANT CHANNEL 9**—Immediately access emergency channel 9.

■ **PA/CB SWITCH**—One switch allows you to instantly select either PA or normal CB operation.

■ **RF GAIN CONTROL**—Adjusts receiver sensitivity to match incoming signal.

■ **INSTANT WEATHER CHANNELS**—Receive immediate, up to the minute weather information 24 hours a day.

■ **TX/RX INDICATOR**—LED indication of the mode of operation—RED for transmission and GREEN for reception.

Instant Weather Channels!

uniden[®]
Quality Goes The Distance

Pro 538w

40 Channel Professional Mobile CB Radio



Features*

3 INSTANT WEATHER CHANNELS—Receive immediate, up to the minute weather and highway information 24 hours a day.

INSTANT CHANNEL 9—One button gives instant access to the emergency Channel 9.

FRONT FIRE SPEAKER—Allows for clear audio output regardless of installation, even in-dash.

S/Rf METER—An accurate 15 segment LED meter shows the signal strength of the receiver and transmitter.

TX/RX INDICATORS—LED indication of the mode of operation—red for transmission and green for reception.

CHANNEL DISPLAY—A large LED display shows the current channel in use.

CHANNEL SELECTOR—An oversize channel knob makes it easy to select any of the forty channels.

RF GAIN CONTROL—Adjust the sensitivity of the receiver for strong or weak signals.

SQUELCH CONTROL—Adjust the threshold of the receiver to eliminate background noise whenever a transmission is not being received.

VOLUME CONTROL—Turn the unit on or off and adjust the volume.

PA SWITCH—Select the public address mode if an external PA speaker is installed.

ALL MOUNTING HARDWARE is included for most any installation.

Specifications*

CHANNELS	40 AM
FREQUENCY RANGE	26.965 to 27.405 MHz
FREQUENCY CONTROL	Phase-locked loop (PLL) synthesizer
FREQUENCY TOLERANCE	± 0.002% (transmit)
OPERATING TEMPERATURE	− 30°C to + 50°C
MICROPHONE	Electret condenser type
INPUT VOLTAGE	13.8 VDC nom.
CURRENT DRAIN	TX: 80 mod., 1.7A; RX: with max. audio output, 1.4A
SIZE	6¾" W × 8¼" D × 2" H
WEIGHT	1 lb. 14 oz.
LED METER	Indicates relative RF output and received signal strength

Receiver

SENSITIVITY	0.5 μ V for 10dB: (S + N)/N typical (limit: 1.0 μ V)
SELECTIVITY	6dB @ 7KHz, 70dB @ 10KHz typ.
I.F. FREQUENCY	Double conversion superheterodyne; 1st—10.692 MHz, 2nd—450 KHz
AUTOMATIC GAIN CONTROL	(AGC)—Less than 10dB change in audio output for inputs from 10 to 50K microvolts
SQUELCH	Adjustable—threshold less than 1 μ V
AUDIO OUTPUT POWER	7 watts max. into 8 ohms
FREQUENCY RESPONSE	300 to 2000 Hz
DISTORTION	Less than 10% at 4 watts, @ 1000Hz
INTERNAL SPEAKER	8 ohms, 3.5 watts maximum
EXTERNAL SPEAKER	(not supplied) 8 ohms
PA SYSTEM	7 watts into external 8 ohm speaker
ANTENNA CONNECTOR	UHF, SO-239

Transmitter

POWER OUTPUT	4 watts
MODULATION	Class B amplitude modulation
FREQUENCY RESPONSE	300-2500 Hz
OUTPUT IMPEDANCE	50 ohms, unbalanced

**Note: Features and specifications are subject to change without notice.*

www.cbradio.net

thanks Homer

for sharing this file

uniden®

Uniden America Corporation
4700 Amon Carter Boulevard
Fort Worth, TX 76155