

# Uniden®

## Bearcat®

### PRO SERIES WITH DYNAMIC SQUELCH CONTROL

# 40 CHANNEL CB RADIOS

## PC 78LTW

- MIC/RF GAIN CONTROL
- BACKLIT CONTROL KNOBS
- S/RF/SWR METER
- WEATHER ALERT
- NEW MIC DESIGN
- DYNAMIC SQUELCH CONTROL
- 9 FOOT MIC CORD
- FRONT MOUNT MICROPHONE



PC 68XL



PC 68LTW



PC 78XL



A TRUCKING LEGEND, Uniden CB Radios have been the professional's choice since the very beginning. Our new Professional Series carries on that tradition with DYNAMIC SQUELCH CONTROL, the latest innovation in two-way communication. Uniden gives you the clearest reception, strongest transmissions and greatest range. Offering unmatched power and rugged construction. It's Tough, It's Powerful. IT'S EVERYTHING YOU'D EXPECT FROM A BEARCAT.



# 40 CHANNEL CB RADIOS

FEATURES	PC 78LTW	PC 78XL	PC 68LTW	PC 68XL
40 Channel Operation	•	•	•	•
Dynamic Squelch Control	•	•	•	•
Delta Tune	•	•		
RF Gain Control	•	•	•	•
Mic Gain Control	•	•	•	•
Extra Long Mic Cord	•	•	•	•
Channel Indicator	•	•	•	•
Instant Channel 9	•	•	•	•
PA/CB Switch	•	•	•	•
Analog S/RF Meter			•	•
Analog S/RF/SWR Meter	•	•		
Weather Alert	•		•	
Backlit Control Knobs	•		•	

SPECIFICATIONS	PC 68XL/PC 68LTW
<b>GENERAL:</b>	
Channels	40
Frequency Range	26.965 to 27.405MHz
Frequency Control	Phase Locked Loop (PLL) synthesized circuitry
Antenna Impedance	50 ohm
Frequency Tolerance	± 0.005%
Power Input Voltage	13.8V DC (pos. or neg. ground)
Current Drain	TX: AM full modulation, 2.5 A (max.) RX: Squelched, 0.3A (max.)
Cabinet Dimensions	6 5/16" (W) x 8 1/2" (D) x 2 5/32" (H)
Weight	3 lbs. 10 oz.
Operating Temperature	-30° C to +60° C
Operating Temperature (DCS)	-10° C to +60° C
Microphone	600 ohm Dynamic Type
Antenna Connector	UHF, SO-239
Analog S/RF Meter	Illuminated; indicates relative power output and received signal strength
<b>TRANSMITTER:</b>	
Power Output	4 watts
Emission Type	6A3
Hum and Noise	Better than 40dB
Frequency Tolerance	± 0.002%
Spurious Harmonic Emission	Better than -60 dB
Frequency Response (-6dB)	300 to 2500 Hz
<b>RECEIVER:</b>	
Sensitivity at 10 dB (S+N)/N	0.5 µV
Squelch	Adjustable; threshold less than 1 µV
Squelch Tight	1000 µV (typical)
Signal Meter S-9	100 µV (typical)
Audio Output Power	4 watts (10% THD)
Image Rejection	90 dB (typical)
I.F. Frequency	10.695 MHz
RF Gain Control	Adjustable for optimum reception
Noise Blanker	RF type
Frequency Response (-6dB)	300 to 2300 Hz
Distortion	Less than 10% at 3 watts output
Internal Speaker	16 ohms, round
External Speaker (not supplied)	8 ohms; disables internal speaker when connected
<b>PA SYSTEM:</b>	
Power Output	4 watts (10% THD)
External Speaker for PA (not supplied)	8 ohms

SPECIFICATIONS	PC 78XL/PC 78LTW
<b>GENERAL:</b>	
Channels	40
Frequency Range	26.965 to 27.405MHz
Frequency Control	Phase Locked Loop (PLL) synthesized circuitry
Antenna Impedance	50 ohm
Frequency Tolerance	± 0.005%
Power Input Voltage	13.8V DC (pos. or neg. ground)
Current Drain	TX: AM full modulation, 2.5 A (max.) RX: Squelched, 0.4A (max.)
Cabinet Dimensions	7 5/16" (W) x 8 11/16" (D) x 2 3/16" (H)
Weight	4 lbs. 1 oz.
Operating Temperature	-30° C to +60° C
Operating Temperature (DCS)	-10° C to +60° C
Microphone	600 ohm Dynamic Type
Antenna Connector	UHF, SO-239
Analog S/RF Meter	Illuminated; indicates relative power output and received signal strength, SWR
<b>TRANSMITTER:</b>	
Power Output	4 watts
Emission Type	6A3
Hum and Noise	Better than 40dB
Frequency Tolerance	± 0.002%
Spurious Harmonic Emission	Better than -60 dB
Frequency Response (-6dB)	300 to 2500 Hz
<b>RECEIVER:</b>	
Sensitivity at 10 dB (S+N)/N	0.5 µV
Squelch	Adjustable; threshold less than 1 µV
Squelch Tight	1000 µV (typical)
Signal Meter S-9	100 µV (typical)
Audio Output Power	4 watts typical (10% THD)
Image Rejection	80 dB (typical)
I.F. Frequency	10.695 MHz
RF Gain Control	Adjustable for optimum reception
Noise Blanker	RF type
Frequency Response (-6dB)	300 to 2300 Hz
Distortion	Less than 10% at 3 watts output
Internal Speaker	16 ohms, round
External Speaker (not supplied)	8 ohms; disables internal speaker when connected
<b>PA SYSTEM:</b>	
Power Output	4 watts (10% THD)
External Speaker for PA (not supplied)	8 ohms

WEATHER BAND SPECIFICATIONS	PC 68LTW/PC 78LTW ONLY
Sensitivity for 12 dB Sinad	0.5 µV (typical)
Hum and Noise	Better than 45dB
Alert Sensitivity	0.5 µV (typical)

