

NOW TESTED WITH
MIL-STD 810
 MILITARY STANDARD

GC-328 SERIES

Professional Portable Radio



WIDE FREQUENCY SPREAD

66-88 MHz

R&TTE CERTIFICATE

Rugged Reliable Affordable



FEATURES

- ◆ 99 Channels, 50 CTCSS, 83 DCS
- ◆ Channel Name Tag
- ◆ 12.5KHz/ 25KHz Channel Spacing
- ◆ Hi/Low Power Switchable
- ◆ VOX Built-in (1-5 Sensitivity level)
- ◆ Squelch Level Setting
- ◆ Scan: Normal/ Priority/ Dual Watch
- ◆ BCLO (Busy Channel Lock Out)
- ◆ BTLO (Busy Tone Lock Out)
- ◆ Repeater Talk Around
- ◆ TOT (Time Out Timer)
- ◆ Clone
- ◆ Battery Level Indicator
- ◆ Power Save
- ◆ Call Alarm
- ◆ PTT Home Channel During Scan

PROGRAMMING SOFTWARE CUSTOMIZATION

- ◆ Electronic serial number
- ◆ Flexible Keypad Lock / Unlock
- ◆ Monitor Disable
- ◆ CTCSS/DCS with / without User's Access



GC-328

Professional Portable Radio

DISPLAY SYMBOLS



Accessories

BP-16 BP-16L BP-20L



RECHARGEABLE BATTERY PACK			
		Weight	Thickness
BP-16	1600mAh Ni-MH Battery	194g	1.8cm
BP-16L	1600mAh Li-ion Battery	126g	1.4cm
BP-20L	2000mAh Li-ion Battery	146g	1.8cm



Fuzzy desktop charger for Li-ion



Fuzzy desktop charger for Ni-MH



6- Way Rapid Charger



Leather case



Tunable Antenna



Stubby Antenna



Dual throat-activated mic



Flexible hanging speaker mic



Transparent tube earphone mic



GPS microphone



Compact Fist speaker mic



Programming kit

SPECIFICATION

TEST METHODS MEET ETSI 300 086 / TIA/EIA 603

GENERAL

POWER SOURCE	7.2V rechargeable battery pack
FREQUENCY BANDS	66-88 MHz
MODULATION TYPE	F3E
FREQUENCY CONTROL	PLL SYNTHESIZER
CHANNEL SPACING	25 / 12.5 KHz
NUMBER OF CHANNEL	Up to 99 CH
TEMPERATURE RANGE	OPERATION -30°C~+60°C
FREQUENCY STABILITY(-30°C~+60°C)	±2.5ppm
HUMIDITY	OPERATIVE 90%
BATTERY LIFE (5/5/90 cycle)	≥ 10 HOURS
DIMENSIONS	124.5x55x30mm
WEIGHT WITH BATTERY: 1600mAh Li-ion Battery Pack 2000mAh Li-ion Battery Pack 1600mAh Ni-MH Battery Pack	290g 310g 355g
TEMPERATURE SHOCK,VIBRATION, DROP HUMIDITY, RAIN, SALT FOG, DUST	MIL STD 810 C/D/E/F CERTIFICATE MEETS IEC529 IP54

TRANSMITTER

RF OUTPUT POWER	5W VHF
MAX DEVIATION AT 25 KHz CHANNEL SPACING AT 12.5KHz CHANNEL SPACING	≤ 5.0KHz ≤ 2.5KHz
ADJACENT CHANNEL POWER	≤ -60 dBc (12.5KHz) ≤ -70 dBc (25KHz)
SPURIOUS EMISSIONS	≤ -36dBm
AUDIO DISTORTION	≤ 3%
FM NOISE	40dB at 25KHz / 38dB at 12.5KHz

RECEIVER

CIRCUIT TYPE	DOUBLE CONVERSION
INTERMEDIATE FREQUENCY	1st 45 MHz / 2nd 455 KHz
SENSITIVITY	≤ 0.25uV @12dB SINAD
ADJACENT CHANNEL SELECTIVITY	25KHz ≥ 70dB 12.5KHz ≥ 60dB
SPURIOUS RESPONSE REJECTION	≥ 70 dB
INTERMODULATION RESPONSE REJECTION	≥ 65 dB
BLOCKING	≥ 85 dB
AUDIO DISTORTION	≤ 5%
AUDIO OUTPUT POWER	≥ 0.5W @10% DISTORTION
STANDBY CURRENT DRAIN	≤ 70mA
STANDBY WITH SAVE	≤ 25mA
RATED AUDIO CURRENT DRAIN	≤ 250mA
FM NOISE	45dB at 25KHz / 40dB at 12.5KHz

All Specifications/features/pictures subject to change without notice and issued for guidance purposes only.

Communication solutions through technology

Highway Business Park
Park Street, Rooihuiskraal,
Centurion
P.O.Box 27, The Reeds 0061
Pretoria, South Africa
Tel: +27 (0)12 621 0400
Fax: +27 (0)12 661 0387
www.globalcomms.co.za



global communications