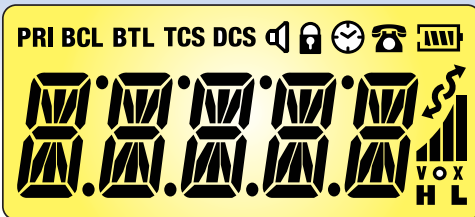


## DISPLAY SYMBOLS



## Accessories

BP-16 BP-16L BP-20L



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

RC-28L



Fuzzy desktop charger for Li-ion

RC-28



Fuzzy desktop charger for Ni-MH

MRC-28



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