

NEW MARKET SUCCESS

Entel

Entel HT644 GMDSS Portable - Commercial Grade, Affordable, User Friendly.

WHY?

- Fully compliant to IMO standards.
- Competitive price
- Lithium battery technology

Available In Two Packages

Package 1

- Radio
- Primary battery (CLB750G)
- High efficiency antenna
- User manual

Package 2

- Radio
- Primary battery (CLB750G)
- Secondary battery (CNB750E)
- Trickle charger (CCA230/CCA110/CCA12)
- High efficiency antenna
- User manual

For more information contact

intsales@entel.co.uk

or call us on

+44 20 8236 0032

WHAT MAKES THIS PORTABLE SUPERIOR TO ITS COMPETITORS?

- Only GMDSS portable radio rated IP68 (submersible to 5m for 1 hour) our competitor's radios are only IP67 (submersible to 1 meter for 30 mins)
- MIL-STD 810C/D/E/F construction. The videos on our website speak for themselves. www.entel.co.uk/video
- Exceptionally loud audio
- High visibility back-lit LCD
- Full 4 year battery expiry for the end-user



HT644 GMDSS



More Information At:
www.entel.co.uk

HT644 Specifications



GENERAL

Frequency Range	156 - 163.275MHz
Channels	All International Channels
Channel Spacing	25 kHz
Communication Method	Simplex
Antenna	High efficiency helical
Antenna Impedance	50 ohm
Battery Type	Lithium battery pack
Power Supply Voltage	7.4V DC
Battery Life	8 Hours
Current Drain (nominal)	Standby 40mA; RX: 390 mA; 1.0 W audio output (1kHz) TX: Less than 1 A at 2W, 0.7 A at 1W.
Duty Cycle	TX: 10%, RX 10 %, Standby: 80%
Microphone	Internal condenser microphone
Operating Temperature	-20°C to 60°C
Dimensions	Height = 130mm (145mm including knobs);
	Width = 59.5mm (62mm including protrusions);
	Diameter = 37mm (41mm including battery protrusions)
Weight	Less than 300g.

TRANSMITTER

Frequency Range	156.025 - 157.425
Power Output	Selectable: HIGH = 5W, LOW = 1W
Modulation	16K0G3E
Oscillator Method	PLL
Frequency Stability	±2PPM
Maximum Deviation	±5 kHz
Audio Distortion	< 5% (1 kHz 60%)
Spurious Emissiong	-55db
Hum & Noise	-40 [dB]

RECIEVER

Frequency Range	156 - 163.275MHz
Receiver Type	Double Super Heterodyne type
Sensitivity	<0.25uV (12dB SINAD)
Frequency Stability	±2PPM
Spurious Rejection	-60 dB
Adjacent Channel Selectivity	-70 dB
Distortion	< 3% Typical
Hum & Noise	-40 dB
Audio Output	1W
Speaker Size	38 mm

More Information Available At: www.entel.co.uk