GH651A

eChat Portable Radio

- Abundant Voice/Video Services
- Loud and clear Sound
- Excellent MMI
- DMO
- IP67

Technical Specifications

General

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Technology		FDD-LTE, WCDMA/GSM, DMO
Frequency	FDD-LTE	FDD B3/B7/B20/B31
	WCDMA	2100 MHz
	GSM	850MHz/900MHz/1800MHz/1900MHz
	DMO	400 ~ 470 MHz
Maximum Transmit power	LTE	23 ± 2dBm
	WCDMA	23 ± 2dBm
	DMO	30 ± 2dBm
Size (H × W × D)		134mm × 55mm × 34.6 mm (Without Antenna)
Weight		About 360 g (With Antenna and Battery)
Screen		2.0" Semi-transparent screen, easy to read in sunlight
Battery		14.8Wh (2000 mAh, 7.4 V)
Operating system		Deeply Customized OS Based On Android 4.1
CPU		Quad A7 Processor
Memory		RAM: 1 GB ROM: 8 GB
Camera		Rear camera: 8 megapixels, autofocus, CMOS, and with a flash Front camera: 1.3 megapixels, and CMOS
External interface		17pin Connector (for Power, USB, Audio and so on) Battery Charging Connector
WLAN		WIFI 802.11 b / g / n, 2.4G, Support WiFi hotspot
Location		GPS and Glonass
Multimedia	Photo	Format: JPEG Maximum size: 3262 × 2448
	Video recording	Format: 3GP Maximum resolution: 720P with 15 frames per second
	Audio recording	Format: AMR
	Audio playback	Format: MIDI, AMR, MP3, AAC + , QCP, WAV, and WMA
	Video playback	Format: MP4, H263, H264, and 3 GP Maximum resolution: 720 P with 50 frames per second
Extended memory		Micro SD, up to 32 GB SD card encryption supported
Sensor		Gravity acceleration sensor, proximity sensor, gyroscope, and light sensor
Charging		Desktop charging
OTG		Supports connections with extensive accessories, for example, UVC devices

Environmental

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Operating temperature	- 20 °C to + 60 °C
Storage temperature	- 40 °C to + 80 °C
ESD	IEC 61000-4-2 (level4)±8kV (Contact)±15kV (Air)
Dust and Water Resistance	IP67
Reliability	MIL - STD 810 G

PTT Services (dependent on PTT client)

General Functions

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Voice private call	●
Voice group call	●
DMO PTT	●
Call dispatch console	●
Temporary group call	●
Automatic group information update	●
Late entry	●
PTT floor request and preemption	●
PTT floor status alter	●
Dispatch based on GIS map	●

Standard Accessories

2000mAh Li-ion Battery×1

Charger×1

Power Adapter×1

Belt Clip×1

Antenna×1