

KENWOOD

Listen to the Future



FreeTalk AT2/AT4

Compact UHF FM Portable Radios



GENERAL FEATURES

- FreeTalk AT2 2W/15 Channel UHF
- FreeTalk AT4 4W/16 Channel UHF
- Single Priority / Normal Scan
- Transmit / Busy / Call Alert / Scan / Warm LED
- 2 PF Keys
- Super Lock (Manager Key Lock)
- 500 mW Speaker Audio
- Enhanced Kenwood Audio
- Voice Annunciation
- VOX Ready
- Companded Audio
- Voice Inversion Scrambler Built-in
- QT
- DTMF Encode / Decode¹
- 8 Call Alerting Tones² (AT2 only)
- Channel Confirmation Mode (AT2 only)
- Time Out Tuner
- Busy Channel Lockout
- Low Battery Warning
- Battery Saver
- Wireless Cloning (AT2 only)
- MIL-STD-810 C/D/E/F
- IP-54/55 Water & Dust Intrusion

FleetSync[®]

- PTT ID Digital ANI
- Selective Call³

Accessories Included

- 2000mAh Li-Ion Battery
- 3-Hour Fast Charger
- Spring Action Belt Clip
- Removable Antenna

Programmed Exclusively for



Options

■ 1402

12V Interface
5" (128mm)
(For AT2 Only)



■ U141

Blade
Antenna



■ U140

Bullet
Antenna



■ U150 / U151 / U152

Stubby / Low Profile / Whip Antennas



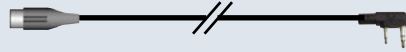
■ 1429

Straight Interface
6" (150mm)



■ 1430

Straight Interface
39" (1.0m)



■ 1431

Coiled Interface
24" - 48" (.6-1.2m)



■ U160

2,000 mAh/7.4V
Li-Ion Battery Pack



■ U165

Belt Clip



■ U161

Fast Charger
for U160 (3 Hour)



■ U166

Water
Resistance Bag



■ U162

Six Unit Charger
Adapter (for six U161
chargers - not included)



■ U167

Nylon Case



Specifications

Model	FreeTalk AT2	FreeTalk AT4
GENERAL		
Frequency Range	GMRS/FRS*	
Number of Channels	15	16
Channel Spacing	Wide/Narrow	
	25kHz/12.5hz	
Channel Step	5, 6.25kHz	
Operating Voltage	7.5V DC±20%	
Battery Life (5-5-90 duty cycle)		
Batter Saver On	22 hours	18 hours
Batter Saver Off	17 hours	
Operating Temperature Range	-22°F ~ +140°F (-30°C ~ +60°C)	
Frequency Stability	±2.5ppm (-22°F ~ +140°F)	
Antenna Impedance	50 Ω	
Dimension (W x H x D), Projections not included		
Radio Only	2.13" x 4.8" x 0.83" (54 x 122 x 21mm)	
Radio with Battery	2.13" x 4.8" x 1.30" (54 x 122 x 33mm)	
Weight (net)		
Radio Only	5.6oz (160g)	
Radio with Battery	9.9oz (280g)	
FCC ID	ALH36913130	ALH36923210
IC Certification	282D-36913210	282d-36923210

Model	FreeTalk AT2	FreeTalk AT4
RECEIVER (Measurement made per TIA/EIA-603)		
Sensitivity (12dB SINAD)		
Wide/Narrow	25µV/0.28µV	
Selectivity		
Wide/Narrow	70dB/60dB	
Intermodulation Distortion		
Wide/Narrow	65dB/60dB	
Spurious Response	60dB	
Audio Output	500mW with less than 10% distortion	
TRANSMITTER (Measurement made per TIA/EIA-603)		
RF Power Output		
High/Low	2W/1W	4W/1W
Spurious Response	65dB	
Modulation		
Wide/Narrow	16ØF3E/11KØF3E	
FM Noise		
Wide/Narrow	45dB/40dB	
Audio Distortion	Less than 5%	
Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.		
FleetSync® is a registered trademark of Kenwood Corporation. All other trademarks are property of their respective owners.		
		*: May be programmed to itinerant frequencies

Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I
Rain	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I	506.4/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure I, II	507.4
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure II, III	509.4
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV
International Protection Standard				
Dust & Water Protection	IP54/55			

* To meet MIL 810 and IP grade, the 2-pin connector cover has to be connected

Footnotes from front:

¹ DTMF Encode: PTT ID, Auto-Dial (8 numbers) DTMF Decode: Code Squelch (3-10 digit), Group Codes A, B, C, D & Wild Card characters) and radio Stun.

² Call Alerting Tones: operates for DTMF & FleetSync selective call decode only (8 factory pre-set ring patterns).

³ ID List capacity: 8 IDs



TopGear Accessories Limited
Exclusive United States Importer of Autocom

P.O. Box 1477
Slingerlands, NY 12159-1477

www.autocomamerica.com
888-851-4327

