

LP-4502...

UHF Handheld Radio

Professional License free PMR/GMRS

2W

The LP-4502 series is designed for all countries of non-license radio marketing. This series of radio qualifies fully for regulation of any country with tiny style, waterproof, shockproof and highly stable properties which can be promoted into marketing very easily and quickly. Moreover, this product will be instead of low-end radio in the nearly future

Qualified as digital tune designed absolutely without any VR & VC.



Features:

- Use of TCXO to enhance freq. stability (<1.5ppm)
- Digitally designed to ensure stable quality
- Rock-solid design
- Extra-small size with sturdy case, compliant with MIL-STD 810 C / D / E
- 199 Memory channels and wide LCD
- 0.3~2W Power output & 3 stages TX power selectable
- 16 stages for digital volume
- Twin-color LED
- Signal strength indicator
- Battery status indicator
- Button confirmation beep (selectable)
- Function lock / unlock
- 7 tone calls & amateur's MORSE code
- 8 levels of VOX (voice-activate feature) with quick VOX capability ON/OFF
- 3 steps auto-power save mode / 4 steps auto-power-off / 4 steps time-out-timer
- Both channel and freq. scan features
- 1 hazard channel and 1 memory channel setting
- TX/RX Different channels
- 38 group-codes (CTCSS) on each channel
- Multi-Icon Backlit LCD screen
- Roger Tone ON/OFF
- 24 program channels (programmable TYPE only)

CE 0984 ! FC



LP-4502...Model Type

Model Type	Channel Numbers		Frequency Range (MHz)	Tx Output Power		Marketing Scale	
	Standard	Expansion		Standard	Expansion		
LP-4502G	23	199	462~467	2W	2W	America(U.S.A)/South America	GMRS/FRS
LP-4502T	14	199	467~467	1W	2W	Taiwan	FRS
LP-4502S	38	199	464~464	0.5W	2W	South Africa	FRS
LP-4502E	8	8	446~446	0.5W	2W	Europe	PMR446
LP-4502C	20	199	409~409	0.5W	2W	China/Hong Kong	FRS
LP-4502M	19	199	477~477	2W	2W	Malaysia	FRS
LP-4502PH	40	199	325~325	2.5W	2.5W	Philippines	CB
LP-4502TH	80	199	245~246	2.5W	2.5W	Thailand	CB
LP-4502R	69	199	433~434	0.1W	2W	Europe/Russia	LPD
LP-4502-U3	1~24		450~470	2.5W		Others	Programmable type

General

Item	Specification
Frequency Range	For type Frequency Range
Classification of Emissions	F3E
Number of Channels	For type Channel Numbers
Antenna Impedance	50 Ω
Power Supply Voltage	7.2V DC
Dimensions	55(W)X95(H) X 31(D) mm
Weight (With Standard NiMH battery)	250 g (includes BT FR80)
Frequency stability	+/-1.5ppm with TCXO
Operating temperature range	-30°C to + 70°C
PLL step	5kHz, 6.25kHz

Receiver

Item	Specification
Sensitivity	0.25 μ V typ.
Adjacent channel selections	Less than 60dB
Intermodulation	Less than 65dB
Offset Channel Selectivity:	Less than 60dB
Spurious rejection	Less than 60dB
Audio power output	500mW
Audio distortion	3%
Spurious Emission	-57dBm < 1GHz / -47dBm > 1GHz
Hum and Noise	\geq 40 dB
I.F. Frequencies:	21.4 MHz
Audio Frequency Response	300~2.7kHz

Transmitter

Item	Specification
Channel Spacing	25kHz/12.5kHz
Output power	VHF: 0.5~2.5W / UHF: 0.5~2.5W
Current drain	0.5W:400 mA / 1W:550 mA / 2W:800 mA
FM Hum & Noise	-40dB
Adjacent channel power	-70dB
Spurious/Harmonics	-36dBm/-30dBm
FM modulation	2.1K Φ F3E/12.5kHz
Modulation limiting	+/-2.4kHz

OPTIONAL ACCESSORIES



ANT AL80 M/L
Antennas



L P-84M
Belt clip



PB AL01
Leather case



WI AL01
Interface cable for
programming



LP-83A
Clip microphone
earphone with LED
indicator



LP-83B
Clip microphone
earphone with LED
indicator



LP-82A
Speaker microphone
with LED indicator



BT FR80
700 mA Replacement
Ni-MH battery pack



BT FR80Li
1500mA Li-polymer
battery pack



BT FR80C
Car adapters fake
battery



L CHG-81C
Regular charger
for BT F80 Ni-MH
battery type



L CHG-81B
Rapid charger for
BT F80 Ni-MH & BT
F80Li battery type



L CHG-80
Twin unit rapid charger
for BT F80 Ni-MH
battery type



The LED indicator helps user prevent from missing incoming call in a noisy environment.
The LED indicator will flash when receiving the same frequency or CTCSS.

Signal Receiving LED



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