



## LS-5500 Professional FM Transceiver

### STANDARD SPECIFICATION

LS-5500	
Frequency range	136-174MHz / 400-470MHz
Channels	16
Channels spacing	12.5/25Khz
Antenna impedance	50 $\Omega$
Mike impedance	2K $\Omega$
Working Voltage	DC7.4V
Frequency stability	$\pm 2.5 \times 10^{-6}$
TRANSMITTER	
Carrier output power	5.0W / 4.0W
Modulated sensitivity	12mV $\pm$ 3mV
Modulation distortion	$\leq 10\%$
Maximum frequency deviation	$\leq 5\text{Khz} / \leq 2.5\text{Khz}$
Modulation characteristic	Compare 6dB, $\leq \pm 3\text{dB}$
Stray radio-frequency component	$\leq 7.5 \mu\text{w}$
Adjacent power	$\leq -65\text{dB}$
RECEIVER	
Sensitivity(12db SINAD)	$\leq 0.16 \mu\text{v}$
squelch Sensitivity	$\leq 0.14 \mu\text{v}$
Audio power	$> 0.5\text{W}$
Audio distortion	$\leq 4\%$
Audio response	Compare 6dB, $\leq \pm 2\text{dB} - 8\text{dB}$
Obstruct	$\geq 85\text{dB}$
adjacent selectivity	$\geq 65\text{dB}$
intermodulation	$\geq 60\text{dB}$



### FUNCTIONAL:

- Output Power : 5W / 4W / 1W
- 16th Channel Scan
- Busy Channel Lock-out
- Narrow/Wide Bandwidth Switch
- TOT(Time-out timer)
- Low Battery Alert Function
- QT( 50 )/DQT( 105 )

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## Accessories & Option



Charger



Li-ion battery



Belt Clip & Screw



Antenna



Programmed cable  
(Optional)



Microphone  
(Optional)

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