



SPECIFICATIONS

■ GENERAL

▪FRS Frequency Ranges	1 CH - 14 CH (462.5625-467.7125MHz)
▪Channel Steps	25KHz
▪Channel	FRS 14 Channel
▪Frequency Stability	$\pm 2.5\text{ppm}$ ($-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$)
▪Emission Types	F3
▪Antenna Impedance	50ohm. Unbalanced
▪Supply Voltage	3.2 ~ 6.0V / DC

■ RECEIVER

▪SENS FOR 12dB SINAD	-119dBm
▪SQUELCH SENS. at THRESHOLD	-113dBm
▪AUDIO FREQUENCY RESPONSE	$\pm 6\text{dB}$
▪IN BAND CONDUCTED RX SPURIOUS	40dB
▪SPURIOUS REJECTION RATIO	54dB
▪IMAGE REJECTION RATIO	60dB
▪AUDIO DISTORTION at 1mV.....	3%
▪AUDIO OUTPUT at 10% THD	800mV
▪HUM & NOISE RATIO (UN SQUELCH).....	35dB
▪ADJACENT CHANNEL REJECTION RATIO	60dB
▪INTER MODULATION REJECTION RATIO	54dB
▪BATTERY LOW INDICATOR	3.5V

■ TRANSMITTER

▪CARRIER OUTPUT POWER	500mW
▪MAXIMUM CURRENT AT 6.0V	350mA
▪CONDUCTED HARMONICS EMISSION	
2nd, 3rd, Other	-60dB
▪AUDIO FREQUENCY RESPONSE (1Khz DEV)	
400Hz	-20dB
1Khz	0dB
2.5Khz	+4dB
▪PEAK FREQUENCY DEVIATION (at 1.25Khz DEV)	
AUDIO	2.5Khz
CTCSS.....	0.6Khz
AUDIO+CTCSS.....	3Khz
▪TX DEVIATION	2.5Khz
▪TX HUM & NOISE	30dB
(AF 1Khz/1.2Khz DEV)	
▪TX DISTORTION	3%
(AF 1Khz/1.2Khz DEV)	
▪MICROPHONE SENSITIVITY	6mV
(AF 1Khz/1.2Khz DEV)	



■ TEST CONDITION

- POWER SOURCE DC 6.0VOLTS
- ANT LOAD IMPEDANCE 50ohm NON-INDUCTIVE
- AUDIO LOAD IMPEDANCE 8ohm NON-INDUCTIVE

■ FREQUENCY RANGE

- 1ch..... 462,562.500Mhz
- 2ch..... 462,587.500Mhz
- 3ch..... 462,612.500Mhz
- 4ch..... 462,637.500Mhz
- 5ch..... 462,662.500Mhz
- 6ch..... 462,687.500Mhz
- 7ch..... 462,712.500Mhz
- 8ch..... 467,562.500Mhz
- 9ch..... 467,587.500Mhz
- 10ch..... 467,612.500Mhz
- 11ch..... 467,637.500Mhz
- 12ch..... 467,662.500Mhz
- 13ch..... 467,687.500Mhz
- 14ch..... 467,712.500Mhz

■ CTCSS FREQUENCY CHART

- | | | | | |
|--------|---------|---------|---------|---------|
| ■ 67.0 | ■ 94.8 | ■ 127.3 | ■ 173.8 | ■ 241.8 |
| ■ 71.9 | ■ 97.4 | ■ 131.8 | ■ 179.9 | ■ 250.3 |
| ■ 74.4 | ■ 100.0 | ■ 136.5 | ■ 186.2 | |
| ■ 77.0 | ■ 103.5 | ■ 141.3 | ■ 192.8 | |
| ■ 79.7 | ■ 107.2 | ■ 146.2 | ■ 203.5 | |
| ■ 82.5 | ■ 110.9 | ■ 151.4 | ■ 210.7 | |
| ■ 85.4 | ■ 114.8 | ■ 156.7 | ■ 218.1 | |
| ■ 88.5 | ■ 118.8 | ■ 162.2 | ■ 225.7 | |
| ■ 91.5 | ■ 123.0 | ■ 167.9 | ■ 233.6 | |

■ INSTALL BATTERIES

To install batteries into the unit, it is necessary to move the belt clip upward towards the top of the unit. Next, remove the battery compartment cover by sliding it downward towards the bottom of the unit. Observe the polarity symbols on the bottom of the tray when inserting the AAA batteries. Replace the cover.