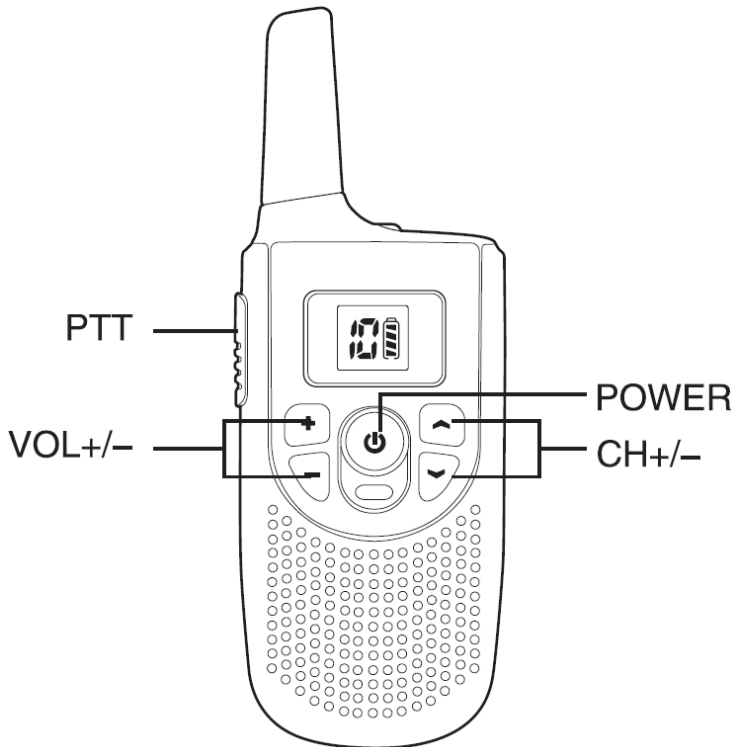




Sure-Response

Micro 22

Portable Two-Way Radio



INSTRUCTIONS BEFORE USE

- Use of transceiver without antenna properly installed poses a risk of electric shock.
- Do not use transceiver in the proximity of explosive substances or compounds.
- Turn off transceiver in proximity of fuel stations or when refueling.
- Do not expose transceiver to prolonged direct sunlight or intense heat.
- Do not use transceiver in excessively dusty, damp, or wet environments.
- Transceiver repairs should only be completed by an authorized repair technician.
- If the transceiver emits a burning smell or visible smoke, turn off the transceiver immediately, remove the battery pack, and then contact your supplier.

WARNING

- This transceiver is designed and classified as "Occupational Use Only." It should be used only in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.
- This radio complies with IEEE and ICNIRP exposure limits for occupational/controlled RF exposure environments at operating duty factors of up to 50% and is authorized by the FCC for occupational use only.
- Users must maintain a minimum distance of 2.5cm when held to face, and body-worn operations are restricted to the approved original accessories (belt clip)

BASIC OPERATION

- Long-press [Power] key to turn on/off radio.
- Press and hold [PTT] key to transmit, release to stop transmitting.
- Press [CH +] or [CH -] to switch channels up or down.
- While in standby mode or monitor mode, press [Vol +] or [Vol -] to increase or decrease volume.
- While in standby mode, short press [Power] key to enter function mode, screen displays "F"
- While in function mode, press [Power] key to enter monitor mode. Screen will display "No". Press [Power] again to exit monitor mode.
- While in function mode, press [CH +] or [CH -] to enter scan mode in either forward or reverse direction. Press [Power] again to end scan mode. While scanning, radio will scan all pre-determined channels for scan mode as set by radio programmer. When a signal is received, the radio will pause scanning and hold on the active channel until 1 second after signal is lost, then will resume scan mode. While scanning, pressing [PTT] while a signal is being received will transmit signal on the currently active channel. Pressing [PTT] while a signal is not being received will transmit on the last channel selected before entering scan mode. Scanning will resume 3 seconds after transmitting ends.
- While in function mode, if keypad is unlocked, pressing [Vol +] will lock the keypad.
- While in function mode, if keypad is locked, pressing [Vol -] will unlock the keypad.

General	
Channel:	99
Voltage:	3.7 VDC
Antenna:	Non-removable Helical Antenna
Antenna Impedance:	50 Ω
Working Mode:	Simplex
Operating Temperature:	-10°C- to +50°C
Net Weight:	131g (including antenna and battery)
Dimension:	151mm*55mm*31mm*
Battery Capacity:	1400mAh
Transmitter	
Frequency Stability:	5ppm
Modulation Type:	16K F3E/11K F3E
RF Power:	≤2.5W
Current:	≤1.5A(H)/≤1A(L)
Max Freq. Deviation:	≤±5kHz/≤±2.5kHz
Modulation Sensitivity:	10 ± 4mv
Modulation Distortion:	<5%
Hum & Noise (dB):	Wide band ≥ 40, Narrow band ≥ 35
CTCSS deviation	0.7 ± 0.1 / 0.35 ± 0.1
DCS deviation:	1 ± 0.1 / 0.5 ± 0.1
Adjacent channel power:	≥65dB/≥60dB
Spurious Power:	≤7.5 μ W
Receiver	
Sensitivity:	-122dbm(12db SINAD)
Audio output power:	>0.5W
Current:	≤250mA (16Ω Load)
Audio Distortion:	≤5%
Intermediation:	≥55dB/≥50dB
Selectivity:	≥55dB/≥50dB
Spurious Rejection:	≥55dB/≥50dB
Co Channel Rejection:	≥-8dB
Blocking:	≥85dB