

ATC63-R Outdoor Solar Powered Pole Mounted Standalone Wireless Signal Repeater

Providing a wireless signal repeater function, the unit is designed to extend the range of the AARC-EVAC™ Emergency Alert System's wireless network, when needed.



The repeater re-transmits the systems alert signals for EVACUATION, LOCKDOWN, Multiple FIRST AID ASSIST, Multiple DURESS ASSIST and a variety of ALERTS including NATURAL DISASTER WARNING and any mix of the above, as required.

Features

- The unit uses a solar panel to power the unit and to keep the in-built battery charged.
- The battery provides power to the unit when there is little or no sun, for approx. 6 days of continuous operation
- Compact Enclosure
- The unit uses a stainless steel pole mounting bracket, allow 360° rotation to assist with the alignment to the sun and provide the best solar output
- Antenna can be mounted directly to the unit or can be mounted remotely from the unit to gain better coverage, if needed.
(Optional antenna extension cables available)

An extensive range of Emergency Alerts are available. A system can include a mix of any or all Alerts. Multiple location First Aid Assist or multiple location Duress Assist alerts are also available.



Evacuation



Duress



Lock Down



First Aid



All Clear



Alert



Drill

ATC63-R Wireless Signal Repeater Specifications

• Radio Frequency Band	UHF 434MHz
• RF Input Sensitivity	-121dBm
• RF Output Power	25mW ERP (Effective Radiated Power)
• Operating Range	>400m Open Air/Line of Sight Through & Inside Buildings - Range is dependent on the environment, obstacles,walls, structural materials used etc Typically 50-100m
• Secure Operation	Each system has unique codes (> 4 billion unique 32Bit digital codes available)
• Messages Repeated	Multiple Audio Sirens, Messages and Alerts, plus Cancel Typically: Evacuation, Alert, Multiple First Aid Assist, Multiple Duress Assist, Lock Down, various Natural Disaster Warnings & All Clear
• Backup Battery	3.2VDC 3000mA/Hr Lithium LiFePo4 Battery
• Battery Life	>5 years with average use
• Battery Replacement	5 years (AARC 546-3VPK) Placement on a Maintenance Schedule Recommended
• Solar Panel	5W 12V Solar Panel
• No Sun Runtime	>/- 3 Days
• Antenna	External 325mm whip antenna with N connector
• Battery status warning	Red/Green dual colour LED lamp & warning buzzer
• Size without antenna	250(H) x 230(W) x 270mm (D) (plus antenna, if fitted directly to unit)
• Country of Origin	AARC-EVAC Designed & Manufactured in Australia



Evacuation



Duress



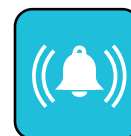
Lock Down



First Aid



All Clear



Alert



Drill