AARC EVAC ™

Wireless Linked Emergency Broadcast Alert Systems

Delivering "Risk Management" Best Practice

AARC SYSTEMS ™

AARC EVAC ™

A Wireless Linked Emergency Alert System Delivering Siren & Voice Message Broadcasts

Assisting

Industry, Government, Education, Community, Leisure & Medical Venues and Workplaces to deliver

Risk Management - Best Practice

Evacuation

- Sirens with clear and concise voice instructions
- Multi-lingual voice instructions, if required
- Area specific messages across the site

First Aid Assist

- Distributed First Aid call points
- Voice message defined by location
- Rapid first-response to medical or injury emergency

Duress

- Instant localised coded messages
- Rapid Peer Support
- Reduction in OVA

Achieving better outcomes

Lockdown

- Distributed activation points
- Site-wide
- Rapid response

Alerts

- Cyclone
- Lightning
- Bushfire
- Tsunami
- And more

Drill

- Drill message can proceed any emergency alert for efficient and effective training

AARC-EVAC™ is a smart, simple to use, simple to install Emergency Siren & Voice Message Broadcast System

What is AARC-EVAC™?

The AARC-EVAC™ system provides emergency alert sirens with clear and concise voice instructions. The system consists of a wireless network of push button battery powered transmitters and standalone autonomous audio broadcast units each with its own battery backed UPS.

The extensive range of emergency alerts available in the system include: Evacuation, Lockdown, Multi-Location Duress, Multi-Location First Aid Assist, Cyclone, Bushfire, Lightning, Tsunami and more.

All these alerts include clear and concise voice instructions in any language or multiple languages, as required. All the alert sirens and voice messages are customer designated. The key features that make this product unique in the world market are:

- The ability and flexibility to provide, customer designated, sirens plus clear and concise, multilingual voice instructional, assistance call and warning messages.
- The provision for Multi-Location Duress and Multi-Location First Aid Assist call messages.
- The ease of installation, being a wireless linked system.

AARC-EVAC™ is an Outstanding Product!

AARC Systems™ has developed an inspiring and novel industrial/commercial range of products capable of delivering innovative global solutions, in the safety and security space, to a world market.

The company's product innovation and the uniqueness of its AARC-EVAC™ products has resulted in AARC Systems providing system solutions for customers throughout Australia and Internationally.

Help is just a click away!

ATX35-LD-G Alert Panel/Transmitter

Evacuation
Triggers Australian Standard Evacuation Tones plus a customisable recorded message ordering an evacuation of the premises.

First Aid Assist
Multiple location assist messages based on button location can be established throughout a venue or workplace.

Lockdown
Triggers a covert recorded message or a public warning signalling personnel to begin a lockdown procedure in the event that an external threat is identified.

Duress
Single or Multiple Alert Panels can trigger a zoned message, customised to call for assistance to its particular location. Customisable messages can be established within each system.

Hidden Cancel
A discrete hidden button allows Evacuation, Lockdown or First Aid and Duress calls to be cancelled. This button is hidden so that only personnel trained in operating the AARC-EVAC™ system will be able to cancel these emergency alert calls.

| Evacuation	Duress	Lock Down	First Aid	All Clear	Alert	Drill

AARC-EVAC™ Remote Transmitters

AARC-EVAC™ Wireless Linked Emergency Alert Systems are designed to be activated by AARC-EVAC™ remotes.

AARC-EVAC™ Remote Transmitters come in either Hand Held (ATX2 Series) or Wall Mount (ATX3 Series). Hand Held remotes can be used as a portable transmitter. However they can also be wall mounted using Velco hook and loop fastening for maximum placement flexibility or as a home when not required for remote use, eg. yard duty. Wall Mount remotes are designed to be wall mounted with 111.5mm mounting centers.

The AARC-EVAC™ system uses a range of intuitive icons for its alarm buttons, so they can be interpreted regardless of language. The Multi-button remotes and "Single" button Evacuation remote also feature a hidden Cancel button.

These Remote Transmitters are all powered by 2 x AAA Alkaline batteries.
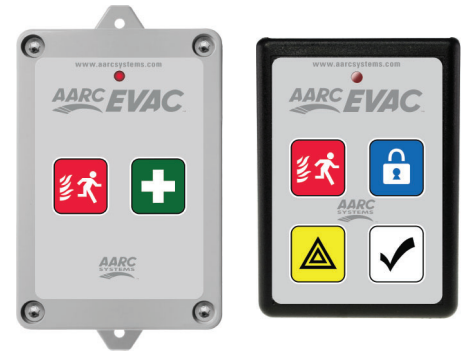
Multi-button Remotes (includes a hidden cancel button)

Hand Held	ATX25-LD	ATX25-AC	ATX25-DU	ATX25-AS	ATX23-EF	ATX23-EL
Wall Mount	ATX35-LD-G	ATX35-AC-G	ATX35-DU-G	ATX35-AS-G	ATX33-EF-G	ATX33-EL-G

Single Button Remotes

Hand Held	ATX22-EV*	ATX21-LD	ATX21-FA	ATX21-DU	ATX21-AC
Wall Mount	ATX32-EV-G*	ATX31-LD-G	ATX31-FA-G	ATX31-DU-G	ATX31-AC-G

*Includes hidden cancel button.

Hand Held	ATX21-BE	ATX21-DR	ATX21-CN	ATX25-GO
Wall Mount	ATX31-BE-G	ATX31-DR-G	ATX31-CN-G	ATX35-GO-G

AARC-GOLF™

Alarm buttons:
• Bad weather warning
• Take shelter / course closed
• Competition start
• All clear / resume play
• Cancel

AARC-EVAC™ Indoor Standalone Receiver/ Message Broadcast Units with Flashing Beacons

AARC-EVAC™ Indoor Standalone Wireless Linked Emergency Alert Siren & Message Broadcast Units with Flashing Beacons. They incorporate an in-built UPS and are fully self-contained.

Currently most hard-wired systems utilise a P.A. System, these systems have a range of inherent risks i.e. if mains power fails or the P.A. cabling is damaged by fire etc., you no longer have a working emergency alert system. The deployment of standalone AARC-EVAC™ units mitigates these risks, even if one unit is damaged by a fire or other causes the rest of the units will still work.

When triggered the unit's Wireless Receiver activates standard emergency alert sirens, customisable audio messages and the appropriate flashing beacon. The unit has integrated audio amplifiers driving one internal or two, three or four external speakers. The unit is designed to operate as a single unit or as part of a network of self-contained AARC-EVAC™ Standalone Wireless Linked Emergency Siren & Message Broadcast Units.

When operating the standalone units as part of a network, different evacuation instructions and alert messages can be broadcast in different locations.

In addition to the standalone message broadcast units with beacons, the range also includes standalone beacon units. All units include the UPS backup battery system.

All units can also be supplied with a built-in wireless signal repeater if required.

SMS Messaging Available: All systems - whether a single receiver or a large network of receivers - have options available for sending SMS messages or being triggered by SMS messages.

Part Number	Number of Speakers	Evac Beacon	Duress Beacon	First Aid Beacon	Lockdown Beacon	Signal Repeater
ARX40-FB	Beacon Unit Only	☀	☀	☀	☀	–
ARX70-FB	Internal Speaker	☀	☀	☀	☀	–
ARX72-FB-xH-xB	🔊🔊	☀	☀	☀	☀	–
ARX73-FB-xH-xB	🔊🔊🔊	☀	☀	☀	☀	–
ARX74-FB-xH-xB	🔊🔊🔊🔊	☀	☀	☀	☀	–
ARX40-FB-R	Beacon Unit w/ Repeater	☀	☀	☀	☀	✔
ARX70-FB-R	Internal Speaker	☀	☀	☀	☀	✔
ARX72-FB-xH-xB-R	🔊🔊	☀	☀	☀	☀	✔
ARX73-FB-xH-xB-R	🔊🔊🔊	☀	☀	☀	☀	✔
ARX74-FB-xH-xB-R	🔊🔊🔊🔊	☀	☀	☀	☀	✔

Note: For the units supplied with the external speaker units, the customer can specify Horn or Box speakers or a mix of both by replacing the 'x' in the part number with the quantity of Horn (H) or Box (B) speakers required.

AARC-EVAC™ Indoor Standalone Receiver/ Message Broadcast Units with Internal Speaker or with Horn or Box Speakers

AARC-EVAC™ Indoor Standalone Wireless Linked Emergency Alert Siren & Message Broadcast Units. They incorporate an in-built UPS and are fully self-contained.

Currently most hard-wired systems utilise a P.A. System, these systems have a range of inherent risks i.e. if mains power fails or the P.A. cabling is damaged by fire etc., you no longer have a working emergency alert system. The deployment of standalone AARC-EVAC™ units mitigates these risks, even if one unit is damaged by a fire or other causes the rest of the units will still work.

When triggered the unit's Wireless Receiver activates standard emergency alert sirens and customisable audio messages. The unit has integrated audio amplifiers driving one, internal or two or three or four external speakers. The unit is designed to operate as a single unit or as part of a network of self-contained AARC-EVAC™ Standalone Wireless Linked Emergency Siren & Message Broadcast Units.

When operating the standalone units as part of a network, different evacuation instructions and alert messages can be broadcast in different locations.

Part Number	Number of Speakers	Evac	Alert	Duress	First Aid	Lockdown	Signal Repeater
ARX50	Internal Speaker	✔	✔	✔	✔	✔	–
ARX52-xH-xB	🔊🔊	✔	✔	✔	✔	✔	–
ARX53-xH-xB	🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX54-xH-xB	🔊🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX50-R	Internal Speaker w/ Repeater	✔	✔	✔	✔	✔	✔
ARX52-xH-xB-R	🔊🔊	✔	✔	✔	✔	✔	✔
ARX53-xH-xB-R	🔊🔊🔊	✔	✔	✔	✔	✔	✔
ARX54-xH-xB-R	🔊🔊🔊🔊	✔	✔	✔	✔	✔	✔

Note: For the units supplied with the external speaker units, the customer can specify Horn or Box speakers or a mix of both by replacing the 'x' in the part number with the quantity of Horn (H) or Box (B) speakers required.

SMS Messaging Available: All systems - whether a single receiver or a large network of receivers - have options available for sending SMS messages or being triggered by SMS messages.

AARC-EVAC Message Repeater Units

AARC-EVAC™ ATC61-R is a Wireless Signal Repeater unit only. The ATC61-R and all standalone message broadcast units with a repeater option can be strategically placed within the network to extend the range of the system and fill in any blank spots. Any valid system message received by a repeater unit is immediately re-transmitted. The ATC61-R Repeater Unit has a built-in UPS and is fully self-contained.

Part Number	Signal Repeater
ATC61-R	✔

AARC-EVAC™ Outdoor Wall Mount Standalone Receiver/Message Broadcast Units

AARC-EVAC™ Outdoor Standalone Wireless Linked Emergency Alert Siren & Message Broadcast Units with Beacons. They incorporate an in-built UPS and are fully self-contained.

The Outdoor Wall Mount Units are supplied in an IP66 weatherproof enclosure. Power to keep the built-in UPS battery charged is supplied by 110-240VAC mains supply hardwired into the unit or a wall mounted solar panel.

When triggered the unit's Wireless Receiver activates standard emergency alert sirens, customisable audio messages. The unit has integrated audio amplifiers driving two, three or four external horn speakers supplied with the unit. The unit is designed to operate as a single unit or as part of a network of self-contained AARC-EVAC™ indoor and outdoor Standalone Wireless Linked Emergency Siren & Message Broadcast Units.

When operating the standalone units as part of a network, different evacuation instructions and alert messages can be broadcast in different locations.

All units are also available with built-in wireless signal repeater if required (see the '-R' option).

SMS Messaging Available: All systems - whether a single receiver or a large network of receivers - have options available for sending SMS messages or being triggered by SMS messages.

Outdoor Wall Mount Units 110-240VAC Mains Powered

Part Number	Number of Horn Speakers	Evac	Alert	Duress	First Aid	Lockdown	Signal Repeater
ARX82-W	🔊🔊	✔	✔	✔	✔	✔	–
ARX83-W	🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX84-W	🔊🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX82-W-R	🔊🔊	✔	✔	✔	✔	✔	✔
ARX83-W-R	🔊🔊🔊	✔	✔	✔	✔	✔	✔
ARX84-W-R	🔊🔊🔊🔊	✔	✔	✔	✔	✔	✔

Outdoor Wall Mount Units Solar Powered

Part Number	Number of Horn Speakers	Evac	Alert	Duress	First Aid	Lockdown	Signal Repeater
ARX92-W	🔊🔊	✔	✔	✔	✔	✔	–
ARX93-W	🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX94-W	🔊🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX92-W-R	🔊🔊	✔	✔	✔	✔	✔	✔
ARX93-W-R	🔊🔊🔊	✔	✔	✔	✔	✔	✔
ARX94-W-R	🔊🔊🔊🔊	✔	✔	✔	✔	✔	✔

AARC-EVAC™ Outdoor Wall Mount Standalone Receiver/Message Broadcast Units with Flashing Beacons

AARC-EVAC™ Outdoor Standalone Wireless Linked Emergency Alert Siren & Message Broadcast Units with Flashing Beacons. They incorporate an in-built UPS and are fully self-contained.

The Outdoor Wall Mount Units are supplied in an IP66 weatherproof enclosure. Power to keep the built-in UPS battery charged is supplied by 110-240VAC mains supply hardwired into the unit or a wall mounted solar panel.

When triggered the unit's Wireless Receiver activates standard emergency alert sirens, customisable audio messages and the appropriate flashing beacon. The unit has integrated audio amplifiers driving two, three or four external horn speakers supplied with the unit. The unit is designed to operate as a single unit or as part of a network of self-contained AARC-EVAC™ indoor and outdoor Standalone Wireless Linked Emergency Siren & Message Broadcast Units.

When operating the standalone units as part of a network, different evacuation instructions and alert messages can be broadcast in different locations.

All units are also available with built-in wireless signal repeater if required (see the '-R' option).

SMS Messaging Available: All systems - whether a single receiver or a large network of receivers - have options available for sending SMS messages or being triggered by SMS messages.

Outdoor Wall Mount Units with Flashing Beacons 110-240VAC Mains Powered

Part Number	Number of Horn Speakers	Evac Beacon	Duress or Alert Beacon	First Aid Beacon	Lockdown Beacon	Signal Repeater
ARX82-W-FB	🔊🔊	☀	☀	☀	☀	–
ARX83-W-FB	🔊🔊🔊	☀	☀	☀	☀	–
ARX84-W-FB	🔊🔊🔊🔊	☀	☀	☀	☀	–
ARX82-W-FB-R	🔊🔊	☀	☀	☀	☀	✔
ARX83-W-FB-R	🔊🔊🔊	☀	☀	☀	☀	✔
ARX84-W-FB-R	🔊🔊🔊🔊	☀	☀	☀	☀	✔

Outdoor Wall Mount Units with Flashing Beacons Solar Powered

Part Number	Number of Horn Speakers	Evac Beacon	Duress or Alert Beacon	First Aid Beacon	Lockdown Beacon	Signal Repeater
ARX92-W-FB	🔊🔊	☀	☀	☀	☀	–
ARX93-W-FB	🔊🔊🔊	☀	☀	☀	☀	–
ARX94-W-FB	🔊🔊🔊🔊	☀	☀	☀	☀	–
ARX92-W-FB-R	🔊🔊	☀	☀	☀	☀	✔
ARX93-W-FB-R	🔊🔊🔊	☀	☀	☀	☀	✔
ARX94-W-FB-R	🔊🔊🔊🔊	☀	☀	☀	☀	✔

AARC-EVAC™ Outdoor Pole Mount Standalone Receiver/Message Broadcast Units 110-240VAC with and without Beacons

AARC-EVAC™ Outdoor Standalone Wireless Linked Emergency Alert Siren & Message Broadcast Units with or without Flashing Beacons. They incorporate an in-built UPS and are fully self-contained.

The Outdoor Pole Mount Units are supplied in an IP66 weatherproof enclosure. Power to keep the built-in UPS battery charged is supplied by 110-240VAC mains supply hardwired into the unit. Brackets to pole mount, the receiver message player unit and speakers are provided.

When triggered the unit's Wireless Receiver activates standard emergency alert sirens, customisable audio messages and the appropriate flashing beacon where applicable. The unit has integrated audio amplifiers driving two, three or four external horn speakers supplied with the unit. The unit is designed to operate as a single unit or as part of a network of self-contained AARC-EVAC™ indoor and outdoor Standalone Wireless Linked Emergency Siren & Message Broadcast Units.

When operating the standalone units as part of a network, different evacuation instructions and alert messages can be broadcast in different locations.

All units are also available with built-in wireless signal repeater if required (see the '-R' option).

SMS Messaging Available: All systems - whether a single receiver or a large network of receivers - have options available for sending SMS messages or being triggered by SMS messages.

Outdoor Pole Mount Units 110-240VAC Power Input

Part Number	Number of Horn Speakers	Evac	Alert	Duress	First Aid	Lockdown	Signal Repeater
ARX82	🔊🔊	✔	✔	✔	✔	✔	–
ARX83	🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX84	🔊🔊🔊🔊	✔	✔	✔	✔	✔	–
ARX82-R	🔊🔊	✔	✔	✔	✔	✔	✔
ARX83-R	🔊🔊🔊	✔	✔	✔	✔	✔	✔
ARX84-R	🔊🔊🔊🔊	✔	✔	✔	✔	✔	✔

Outdoor Pole Mount Units 110-240VAC Power Input with Beacons

Part Number	Number of Horn Speakers	Evac Beacon	Duress or Alert Beacon	First Aid Beacon	Lockdown Beacon	Signal Repeater
ARX82-FB	🔊🔊	❄	❄	❄	❄	–
ARX83-FB	🔊🔊🔊	❄	❄	❄	❄	–
ARX84-FB	🔊🔊🔊🔊	❄	❄	❄	❄	–
ARX82-FB-R	🔊🔊	❄	❄	❄	❄	✔
ARX83-FB-R	🔊🔊🔊	❄	❄	❄	❄	✔
ARX84-FB-R	🔊🔊🔊🔊	❄	❄	❄	❄	✔

AARC-EVAC™ Outdoor Solar Powered Pole Mount Standalone Receiver/Message Broadcast Units with and without Beacons

AARC-EVAC™ Outdoor Standalone Wireless Linked Emergency Alert Siren & Message Broadcast Units with or without Flashing Beacons. They incorporate an in-built UPS and are fully self-contained.

The Outdoor Solar Powered Pole Mount Units are supplied in an IP66 weatherproof enclosure. Power to keep the built-in UPS battery charged is supplied by a 20W solar panel. Brackets to pole mount the solar panel, the receiver unit and speakers are provided.

When triggered the unit's Wireless Receiver activates standard emergency alert sirens, customisable audio messages and the appropriate flashing beacon where applicable. The unit has integrated audio amplifiers driving two, three or four external horn speakers supplied with the unit. The unit is designed to operate as a single unit or as part of a network of self-contained AARC-EVAC™ indoor and outdoor Standalone Wireless Linked Emergency Siren & Message Broadcast Units.

When operating the standalone units as part of a network, different evacuation instructions and alert messages can be broadcast in different locations.

All units are also available with built-in wireless signal repeater if required (see the '-R' option).

SMS Messaging Available: All systems - whether a single receiver or a large network of receivers - have options available for sending SMS messages or being triggered by SMS messages.

Outdoor Pole Mount Units Solar Powered

Part Number	Number of Horn Speakers	Evac	Alert	Duress	First Aid	Lockdown	Signal Repeater
ARX92	🔊🔊	✓	✓	✓	✓	✓	–
ARX93	🔊🔊🔊	✓	✓	✓	✓	✓	–
ARX94	🔊🔊🔊🔊	✓	✓	✓	✓	✓	–
ARX92-R	🔊🔊	✓	✓	✓	✓	✓	✓
ARX93-R	🔊🔊🔊	✓	✓	✓	✓	✓	✓
ARX94-R	🔊🔊🔊🔊	✓	✓	✓	✓	✓	✓

Outdoor Pole Mount Units Solar Powered with Flashing Beacons

Part Number	Number of Horn Speakers	Evac Beacon	Duress or Alert Beacon	First Aid Beacon	Lockdown Beacon	Signal Repeater
ARX92-FB	🔊🔊	🔴	🟠	🟢	🔵	–
ARX93-FB	🔊🔊🔊	🔴	🟠	🟢	🔵	–
ARX94-FB	🔊🔊🔊🔊	🔴	🟠	🟢	🔵	–
ARX92-FB-R	🔊🔊	🔴	🟠	🟢	🔵	✓
ARX93-FB-R	🔊🔊🔊	🔴	🟠	🟢	🔵	✓
ARX94-FB-R	🔊🔊🔊🔊	🔴	🟠	🟢	🔵	✓

AARC-EVAC™ Receiver/Message Broadcast Units for P.A. System Audio Input

ARX38D

The AARC-EVAC™ Wireless Linked Emergency Alert Receiver Message Broadcast Unit for P.A. Systems outputs standard Evacuation, Lock Down, Multiple Duress, Multiple First Aid, and Natural Disaster Warning, Alert sirens & messages when triggered by a remote wireless linked Alert Transmitter.

This P.A. system output unit also have an integrated set of push button switches that can also be used to trigger the alarms. These alerts are also transmitted so that any standalone units in the system can be triggered.

The unit also has a Cancel button which is used to cancel all siren and audio messages plus any visual alert flashing beacons deployed in the system.

It is recommended that an adequately sized UPS system is always employed to run this receiver/message broadcast unit and the P.A. system.

All available system alerts can be triggered by remote wireless alert transmitters. The rack mount unit has some alert buttons on the front panel for triggering system alert messages (see table below).

ARX38D

Alert Button on Front Panel

Factory Default Setting: ALERT is programmed to play continuously until cancelled.

Alternatively: the unit can be factory set to sound ALERT for a preset time between 1–255 seconds, then if not cancelled the system will automatically switch over to a Full Evacuation.

Note: when operating a P.A. based system the same set of alert messages are applied across the whole P.A. system.

Part Number	Alert Button	Evac Button	Lockdown Button	Cancel Button	Evac Drill Button
ARX38D	✓	✓	✓	✓	✓

Note: This P.A. System output unit also stores and plays S.O.S. Duress Assist and First Aid Assist messages, triggered by remote wireless alert transmitters.

AARC-EVAC™

AARC-EVAC™ External Interface Unit

The ATX45-EIU is a standard AARC-EVAC™ remote transmitter unit that is designed to transmit a trigger to the AARC-EVAC™ system. The EIU unit is designed to accept a dry momentary relay contact closure as an alarm trigger on the AARC-EVAC™ system.

Any one of the alerts, alarms or messages on the AARC-EVAC™ system can be configured to be triggered by an EIU unit.

Typical Application: Fire Panel Interface (Input from Fire Panel)
Typically when a Fire Panel is triggered by a heat or smoke detector, it will trigger an alarm. It will also provide a switched output signal from the Fire Panel.

The AARC-EVAC™ System will accept an EVACUATION trigger directly or, if required, an ALERT trigger from an ATX45-EIU.

ATX45-EIU
External Interface Unit

AARC-EVAC™ Safety Signs

Evacuation and Nurse Call First Aid Assist signage is available in various sizes and is designed to enhance the visability of the AARC-EVAC™ Remote Transmitter trigger button and call point locations.

Polyvinyl chloride (PVC) safety signs. 3mm thick.

AARC-SS-EV/FA-A3
Large Evacuation and
First Aid - Nurse Call
400 x 300 mm

AARC-SS-FA-A3
Large First Aid - Nurse Call
300 x 400 mm

AARC-SS-EV-A3
Large Evacuation - Trigger Point
300 x 400 mm

AARC-SS-FA-A4
First Aid - Nurse Call
200 x 300 mm

AARC-SS-EV-A4
Evacuation
200 x 300 mm

12

AARC-EVAC™ Smart Protector Unit

AARC-SMARTPRO-R mounted on a wall
Note: AARC-EVAC™ Remote Transmitter is not included - shown for illustrative purposes only.

The AARC-EVAC™ Smart Protector Unit is designed to reduce nuisance activated alarm and alert calls.

When the cover is lifted, the unit emits a loud high pitched tone alarm to deter false alarms.

This Smart Protector Unit is commonly used in conjunction with the 3 second button press delayed trigger option available on the AARC-EVAC™ system to maximise its effectiveness.

This product is an electronic version of the "Break Glass Alarm Button".

AARC-SMARTPRO-R Unit

AARC-SMARTPRO-R Unit Open

Case Study 1: Medium-to-Large Licensed Club
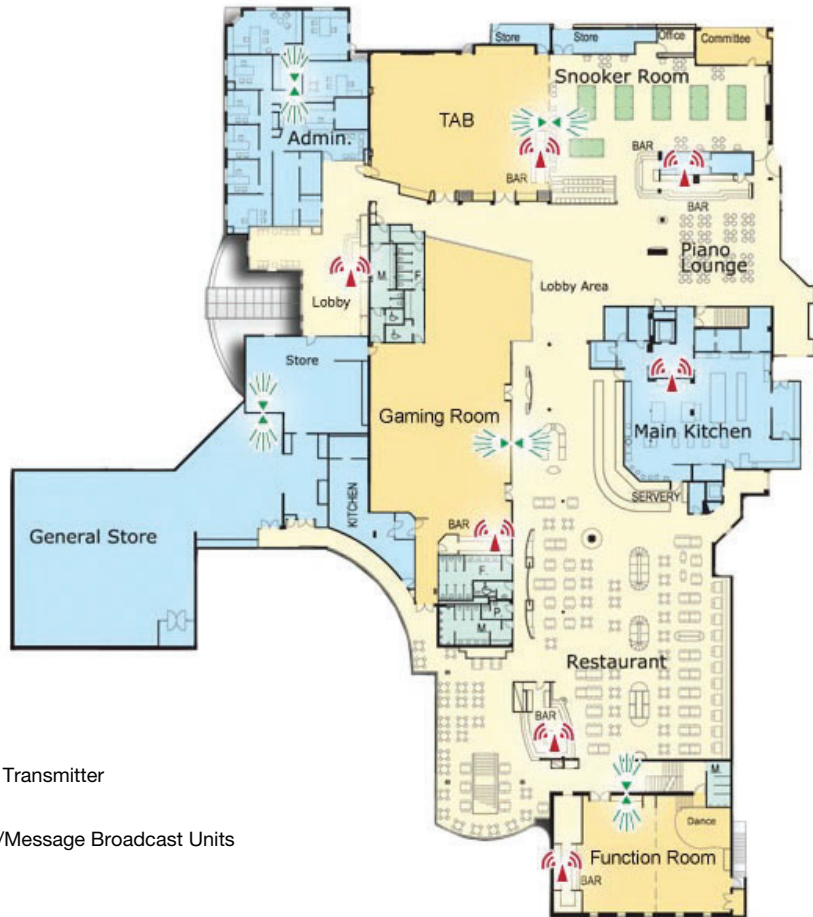
 Alert Panel / Remote Transmitter

 Standalone Receiver/Message Broadcast Units

This licensed club venue caters for a broad range of activities, with gaming machine, restaurant, entertainment and function rooms. It attracts a large number of patrons on a daily basis and employs a large number of staff. It has a number of small PA systems servicing different areas within the venue.

There is no overall PA facility and some areas are not covered by a PA system at all. There is no automatic Evacuation system and no venue wide assistance call messaging facility. A range of risks were identified:

1. They identified the need for a venue wide automated Evacuation Alert system that could be operated independently from the existing PA systems.

2. As a licensed venue with 5 bars, gaming areas and a lobby/reception area, staff and patrons were likely to be at risk from time to time and although they employed security personnel they could not be everywhere all of the time. A Duress assistance call system or a radio paging system for security staff was identified as being needed.
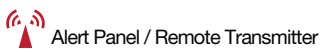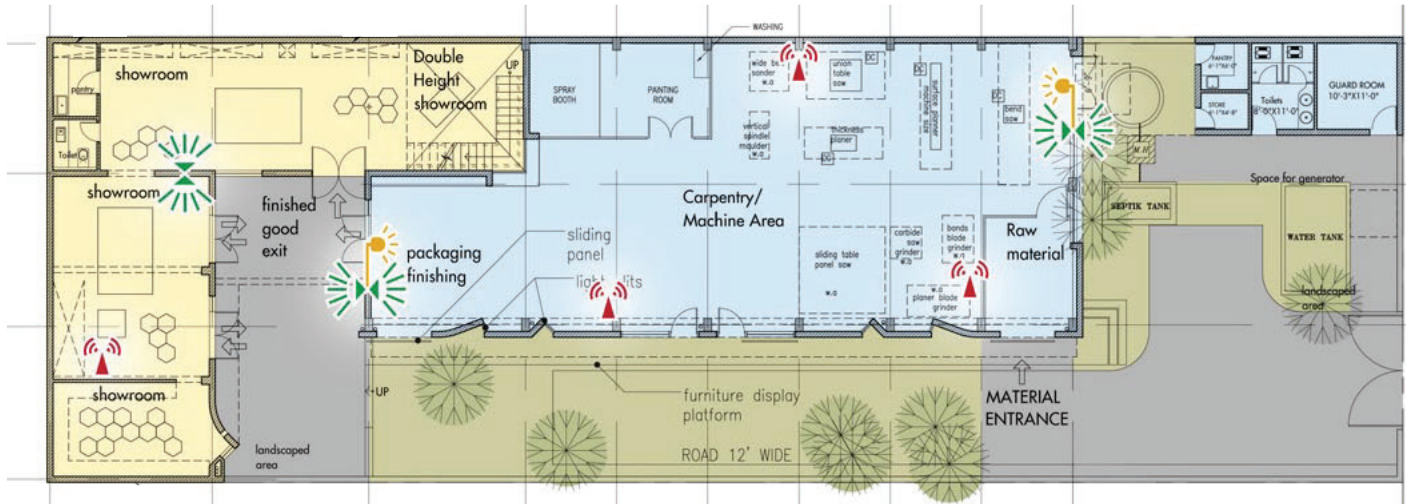

ARX50 Standalone Receiver/Message Broadcast Unit

The AARC-EVAC™ standalone receiver/message system was selected to address these needs for the following key reasons:
1. Multiple standalone receiver message Broadcast Units could be deployed throughout the venue to cover all areas to form one system.

2. The system being independent of the PA

systems and with the emergency alert sirens and messages all pre-recorded and fully automated. There is no requirement for staff to make announcements over different PA's or to send radio pager messages to security staff asking for assistance.

3. The system's ability to easily and cost effectively provide Alert Panel/Remote Transmitters distributed strategically throughout the venue.

4. The system's ability to broadcast unique Duress messages calling for security to report to the different zoned locations across the venue. E.g. "Security to Piano Bar… Security to Piano Bar please".

5. The cost effectiveness of the system, with all system components being wireless/radio linked and preconfigured, installation time and cost were minimal and there would be little to no disruption to the venue operation during installation.

Case Study 2: Small-to-Medium Sized Joinery Business with No Existing P.A. System

 Alert Panel / Remote Transmitter

 Standalone Receiver/Message Broadcast Units

 Standalone Receiver/Message Broadcast Unit inc. Beacon

This joinery business employs a large range of woodworking machines and as a result of the company undertaking an OH&S risk assessment, they identified a number of risks:

1. As the highest priority, they identified the need for the fastest possible response time in the event of any accident or injury that might occur within the factory.

2. As a high priority they identified that due to the use of electrically powered machinery and their extensive use of timber, the work place potentially has a heightened fire risk and needed an evacuation alert system.

The AARC-EVAC™ standalone system was selected to address these needs for the following reasons:

1. The system's ability to easily and cost effectively provide Alert Panel/Remote Transmitters that could be distributed throughout the factory.

2. The system's ability to broadcast unique First Aid Assist messages for different zoned locations within the factory.

3. The UPS battery back-up self-contained siren and message player units providing operation even with power out. (Machine overload, electrical motor stalling/jamming creates a fire risk and potentially the tripping of a circuit breaker, resulting in loss of mains power).

4. The ability of the system to also provide visual flashing beacon alerts in a workplace which can be a very noisy environment and where employees all wear hearing protection devices.

5. As a wireless linked system, alert panel/remote transmitter placement provides for maximum flexibility, with no initial wiring and no re-wiring if in the future the alert panel/remote transmitters needs to be relocated.

ATX35-AC-G Alert Panel / Remote Transmitter

ARX72-FB Indoor Standalone Receiver/Message Broadcast Unit, 2 x Speakers and Flashing Beacons

AARC EVAC ™

Wireless Linked Emergency Broadcast Alert Systems

International Award Winner

AARC-EVAC™ was honoured to be the recipient of the award for 'Best Product on Show' at the PNG Security Congress exhibition in Port Morseby 2019.

AARC SYSTEMS ™

AARC-EVAC™
Designed & Manufactured in Australia

Distributed By:

Safety Alert Systems (SAS)
Phone: 0408 055 779
Email: info@safetyalertsystems.com.au

PO Box 4195
Alfredton, Ballarat, Victoria 3350
Australia