

AARC-EVAC™ Wireless Alert Transmitters

ATX45-EIU External Interface Unit

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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. AARC-EVAC™ system is designed to sound ALERT for a preset time between 1–255 seconds, then if not cancelled the system will automatically switch over to full Evacuation alert. Alternatively, the ALERT can be programmed to play continuously until cancelled.



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Specifications

Trigger Input	2-wire normally open input, trigger normatively requires a momentary contact closure, voltage free/dry contact System can be configured to be triggered by a latching relay output if required.
Cancel Button	For convenience, a cancel button is available on the front panel of the EIU (this can be used to cancel a standard alert or the evacuation alert if the fire panel output uses a momentary relay closure output). If the Fire Panel uses a latching relay output, the Evacuation Alert will not cancel until the Fire Panel output is cancelled.
Dimensions	125mm (L) x 69mm (W) x 40mm (H) Mounting drill template available on page 4.
Weight	135g (without batteries)
Battery Type	2x AAA (UM-4 1.5V) Alkaline Type* <ul style="list-style-type: none"> Batteries should be replaced every 6 months to ensure they are always fresh Replacement of batteries should be added to your company or organisation's standard maintenance schedule
Mounting Holes	4.5mm dia. (suit M4 tapping screws)
Unique Coded Digital Radio	32-bit (over 4 billion unique digital codes)
Operating Range	Up to 300m (depending on transmitter & receiver location)
Low Battery Warning	Yes (red lamp flashes when cancel button is pressed)

*Warning: Do not use Lithium type 1.5V cells, as this type of battery may damage the unit.