



P2 Receiver

PRODUCT DATASHEET



Description

The Addressable Receiver Unit (ARU) receives the infrared signal sent out by transmitters, such as PITs, and transmits the location and level of call across the system. Each ARU is programmed with its own unique address in the range of 0001-2272. When activated, the ARU transmits its address systemwide via the data bus. The ARU has external inputs which can also be used to trigger the unit. Products such as Call Buttons, Door Contacts and Pull Cords are compatible with this feature (please see Handheld Programming Unit Operator's Guide for more information). An ARU can also be programmed with a dual address so that when a connected device is activated a different message will be displayed (Note: this is Emergency level only).

There is a flush mounted green LED on the right of the fascia to provide reassurance. It has three rates of flash:

- Ready/Idle (Can be disabled if required)
- Emergency Alarm
- Test/Assistance Call being received

Wherever possible the ARU should be located centrally on the ceiling of the room where cover is required. It must be located at least 5ft (1500mm) away from fluorescent lights to prevent any external interference. Consideration should also be given to the condition of the surface to which the ARU is to be mounted: It should be free from damp/moisture, not be subject to any shock or vibration, and be secure enough to allow a good fixing for the ARU and backbox.

Design

The ARU has a tinted rectangular infrared-transparent fascia manufactured from polycarbonate for strength and durability. The all-over, infrared window has been designed to be as low profile as possible while also featuring a convex shape to give it as little visual impact on its environment while being incredibly robust and offering a reduced ligature risk. Internally it has bespoke amplifying and filtering circuitry to enable it to recognise the incoming infrared code from the transmitter and distinguish it from extraneous infrared light from other sources. Caller ID and individual level reset (used in conjunction with the Reset Hub) are compatible with this product range.

Specification

P2 Receiver Model Product Codes

P2 Receiver (Black)	- P2 Receiver unit with Black fascia	(Code: P2RECBLK)
P2 Receiver (White)	- P2 Receiver unit with White fascia	(Code: P2RECWHT)
P2 External Angled	- P2 External Receiver Unit Angled Enclosure	(Code: P2EXTANG)
P2 External IP65	- P2 External Receiver Unit IP65 Rated Enclosure	(Code: P2EXTIP65)

Physical Specification

Power Source:	12v to 13.8v DC
Current Drawn:	15mA quiescent state 20mA Alarmed state
Weight:	98 g (excludes backbox)
Backbox:	Double Gang UK 35mm Deep
Fixing:	3.5 RSC CSK Hex Pin Machine screws

Physical Dimensions

(All dimensions in mm)

