

Call Aid UK

A Sales Division Of Circuit Bureau Ltd



1133RX

Wireless 868MHz Radio Duress/Panic Alarm System

For

Bank Santander Branches



Installation & User Manual

1133RX System Equipment:

Our part number – A6168

The 1133RX Radio Panic Alarm

The 1150 panic button will transmit by radio to the 1133RX receiver, which should be installed where support personnel are located.

To get the best from this system:

The 1133 radio panel should be mounted at head height and away from metal cabinets and other large metal objects.

Fixing the 1133 to the wall

To open the 1133: there are two screws in the bottom of the case, remove these and hinge up the front cover and lift it away carefully from the top edge of the back plate. There is a plug in wire connecting the electronics on the front cover and the speaker on the back plate. This can be disconnected to allow easy fitting of the back plate. There is a central keyhole fixing point on the back plate. Mount the back plate on a screw using the keyhole and then fit two more screws to the two holes at the sides. Reconnect the speaker, check that the wires and hook the front plate onto the back plate and fit the two cover screws to the bottom.

Important:

The radio equipment included in this quotation is from our standard range of products and from experience will be more than adequate for the average sized commercial building. However, radio signals can be affected by the materials used in the construction of the building and in rare cases some metal equipment fitted within the building.

System ready

When there are no panic alarms on the 1133 screen it will display the SYSTEM CLEAR message as shown here.

The alarm volume:

This version has a fixed sound level and cannot be adjusted.

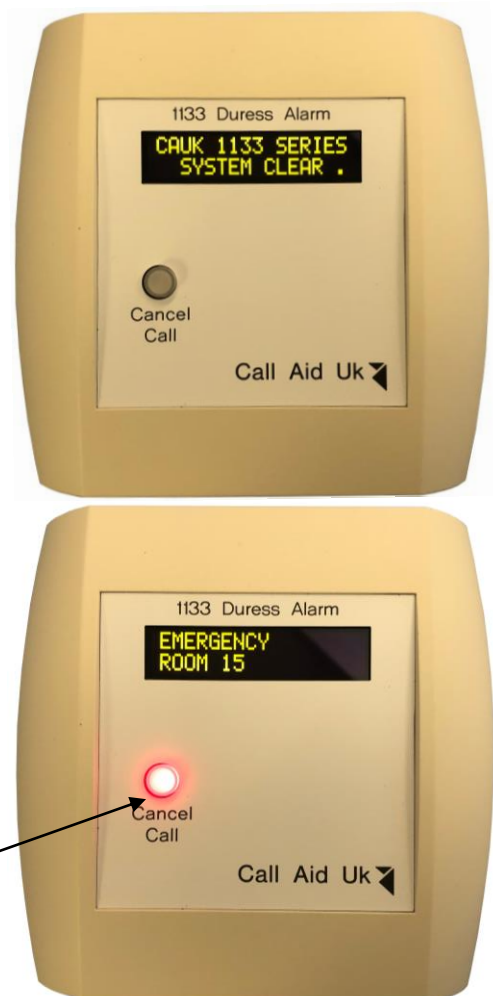
The buttons 2 to 8 have no function on this version.

Incoming alarms

When there is a panic alarm the screen will display the name/number of the unit calling and the sounder will be activated. To cancel the call at the panel, press 'Cancel Call' button.

When there are more than one panic alarms, these will be automatically scrolled so that all the numbers/identities can be viewed. A number will be displayed in the top right of the display to show how many alarms are active on the system

[Cancel Calls](#)



1150 - Under desk mounted 868MHz Radio Panic Button (Powered by a CR123A battery and benefits from low battery alert software)

Our part number - A5331

The 1150 call/panic buttons are coded with different numbers; this number will be displayed on the 1133 screen when a panic button is pressed. All radio components should be tested in the location in which they are to operate to ensure they are within range of the receiver.



Low Battery warning

When the 1150 panic button battery is getting low and the panic button is pressed a low battery signal will be sent to the 1133RX receiver. The 1133RX will display a low battery alert, this is a slow beep and the identity of the 1150 with the low battery will be shown on the display.

Change the battery in the 1150 panic button and then press the panic button; this will cancel the low battery warning.

*Stainless steel security clamp for power supply unit
(Only used when a fused spur is not available)*

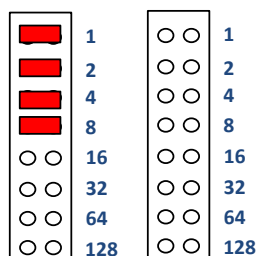
Our part number - A5560



Instructions

To code this units ROOM ID fit the plug-in shorting links to the appropriate pair of pins to add up to the number required. i.e. for number 7 fit headers to 1,2,4. for 12 fit 8,4. etc. This unit is supplied coded to ID 15.

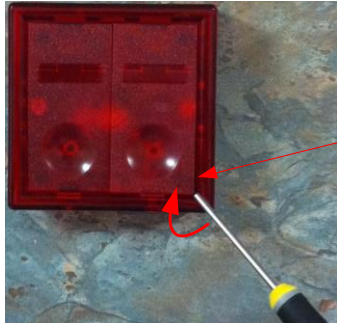
Example = 15



1150 Radio Panic button



Opening the 1150 Case



To open the case please use a small screw driver inserted at the bottom of the buttons. Now apply a little pressure and ease the buttons out from the bottom.

When the two buttons are removed. Unscrew the two screws and the back box will be separated from the main front plate. The back box can now be screwed into position.

Please note when replacing the front case to the back case do not overtighten the screw as this will hinder the actions of the buttons.

Battery:CR123

When the low battery signal is received at the 1117 RX master the battery will have to be changed to stop the low battery beep

Please ensure that the battery is installed correctly with the + to the + symbol on the PCB.



Setting room numbers



To change the room number that will be transmitted to the Radio Receiver the headers on J1 need to be fitted to the correct position.

The numbers on the right hand side of the headers are binary numbers. To set the correct room number the numbers on the PCB need to be added together. So by putting a jumper link on the numbered headers the appropriate transmit number is selected.

Please note: Unless by previous arrangement, units are shipped from our manufacturing dept. with the header links fitted to one half of a header so that the unit does not have a pre-set number.

Example For room number 6 = header 4 & 2 should have headers fitted.
For room number 7 = header 4 & 2 & 1 should have headers fitted.

Setting system ID

All the equipment fitted on any system must have the same system ID. All units are shipped from our manufacturing dept. with the same System ID. To change the System ID on a transmitter unit the headers on J2 need to be moved. The headers relating to the System ID are marked with S1, S2 and S4 on the right hand side. The numbers are binary numbers and so to get the correct System ID the numbers selected with the jumpers need adding together as described above.

Example: System ID 3 = header S2 + header S1. **If there are no Jumpers on the System ID headers then the default setting is System ID 1**

















Installation

Please note: This 1150 radio panic button should be located away from large metal objects as this will reduce the range of the transmitter. Test that the signal is being received before final fixing. Hold the unit in the proposed position and test by putting a call to the radio receiver. Try not to cover the 1150 with the hand as this will adversely affect the range

Instructions

To code this units ROOM ID fit the plug-in shorting links to the appropriate pair of pins to add up to the number required. i.e. for number 7 fit headers to 1,2,4. for 12 fit 8,4. etc. This unit is supplied coded to ID 15.

Example
= 15

	1		1
	2		2
	4		4
	8		8
	16		16
	32		32
	64		64
	128		128