



1155 PAM System with 1142RX Master Display Panel User Instructions

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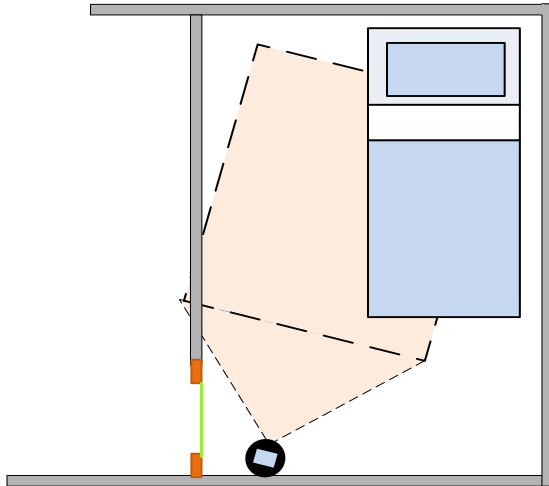
sales@callaiduk.com

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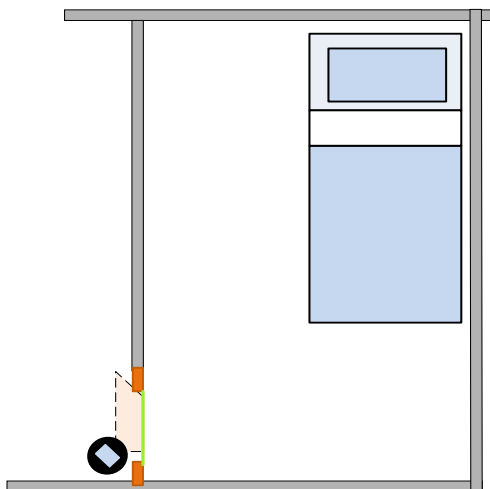
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PAM positions & product details

PAM inside the bedroom door



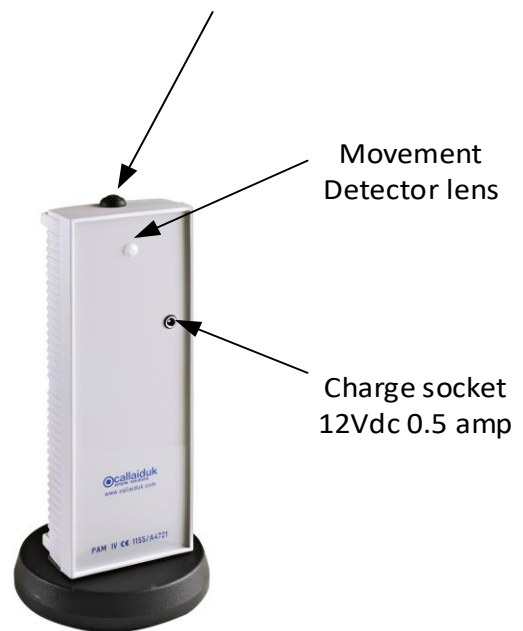
PAM outside the bedroom door



Warning

This is a radio device and should be used as instructed. When used without “out of signal monitoring” it is up to the user to ensure that the PAM signals can be received at the receiver device wherever it is located in the building.

Arm/Disarm button
This button includes the red indicator lamp.



Care & maintenance

This case is sealed to IP67 so it can be safely cleaned with a damp cloth using a none abrasive cleaner.

Storage

Do not store this unit unless it is connected to the charger and charging. Lithium-ion batteries do not recover well from a fully discharged condition.

1155 PAM System User Instructions

1142RX Master Display Panel – System Information

System Clear

- When there are no PAMs or Call/Panic Buttons active, the screen will show, 'SYSTEM CLEAR'.



SYSTEM CLEAR

Switch on the PAM

- To switch ON the PAM press the button on the top, two beeps will sound and the lamp in the button will flash for 15 seconds allowing time to exit the room.

IMPORTANT: PLEASE CONFIRM THAT THE PAM IS ACTIVATED. THE PAM NUMBER SHOULD BE DISPLAYED ON THE MASTER DISPLAY PANEL.

- If more than one PAM is switched ON, the total number of working PAMs is shown at the top right corner of the master display panel.
- The bottom line of the display panel will scroll through all the currently active PAMs. The signal strength of the active PAMs will be shown on the bottom right with a maximum of four stars. (The signal strength indicator may fluctuate during use, this is normal)
- If no stars are shown, the PAM unit is out of signal range. If the PAM unit is not detected, 'CHECK PAM' will appear on the screen.



TOTAL ACTIVE 01
PAM 2 ****

Low Battery

- When the PAM battery is getting low it will send a warning signal to the master display panel. When 'LOW BATT' is displayed on the Master display panel, recharge the PAM immediately.
- To remove the LOW BATT message from the Master display, switch OFF the PAM.



TOTAL ACTIVE 01
PAM 2 LOW BAT

Charging the PAM

- When the PAM is on charge the LAMP in the button at the top of the PAM will be illuminated. When the unit is fully charged, the lamp will flash, the PAM can be removed from charging.

Deactivating the PAM

- To switch OFF the PAM, press the button at the top and three beeps will sound confirming the PAM is switched OFF.

Cancelling a triggered PAM

- When a PAM is triggered a radio signal is sent to the Master display receiver. "MOVEMENT!" will appear on the Master display receiver along with the PAM's identity.
- To cancel the triggered PAM, press the button at the top on the PAM and three beeps will sound confirming that it is switched OFF.



MOVEMENT! 01
PAM 01

Check PAM

- The PAM will continue to transmit to the master panel while it is switched ON. Should the PAM signal fail to get to the Master display due to range issues, the Master display will respond with "CHECK PAM!" along with the PAM's identity.
- When this message is displayed go to the PAM and switch it OFF and switch it back ON again, if this does not resolve the CHECK PAM warning, check the battery and the signal strength.
- This signal will also appear if the PAM is in a low signal area or has been on LOW BATTERY for too long.
- **Please contact Call Aid UK 0115 940 0905 if difficulties continue.**



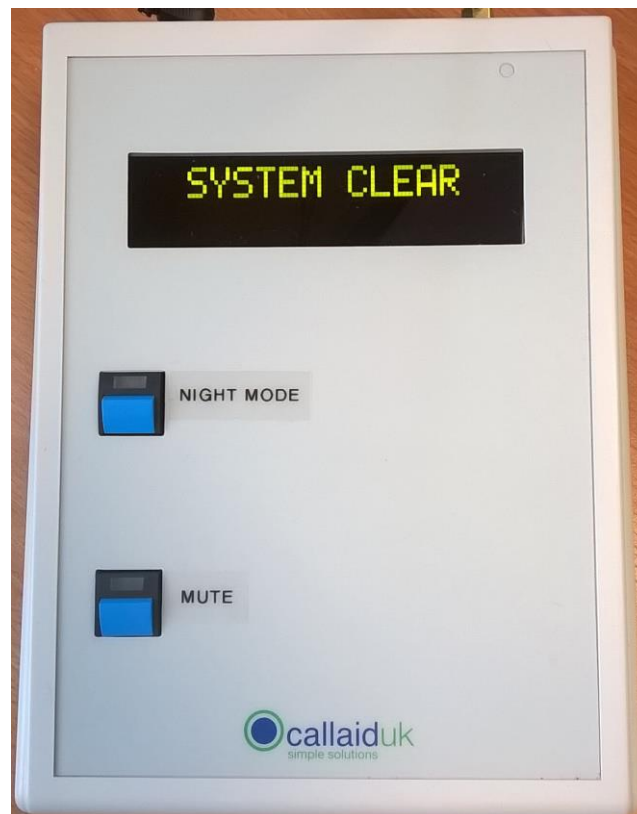
CHECK PAM! 01
PAM 04

Mute button

- There is a MUTE feature available on the 1142 Master display panel. This mode can be activated by pressing the bottom left switch. This will MUTE the buzzer for 60 seconds.
- If a new alert is received during the MUTE period, this will override the MUTE timer. When in MUTE mode the green lamp will be lit in the MUTE button. Once the timer has expired, the lamp will switch OFF.

Night Mode

- This mode is used to lower the volume of the system. This mode effects the PAM movement alert and low level assistance calls from portable or bedhead units. The night mode is best suited to reduce night time volume so as not to disturb residents.
- This mode will not override emergency calls or 'CHECK PAM' alerts.
- To activate, press the top left switch. The red lamp inside the switch will illuminate to indicate that the night mode is set.
- To turn off the night mode, press the switch again. The night mode lamp will now be turned off.



Silent Test & RSSI (radio signal strength indicator) Mode

- To activate the RSSI test mode, press the RSSI switch at the reverse of the receiver. This mode can only be activated when there is no activity on the system.
- To exit this mode, press the RSSI switch again. The RSSI test mode can be exited at any time.
- Up to 50 signal strength reports can be shown at any one time. While a PAM is running, the signal will be updated at every check in or trigger. To remove a PAM from the report, switch OFF the applicable PAM unit.
- To test any units other than PAMs, trigger the unit and then view the result on the display. To remove the result, send a CANCEL function from the unit.

Engineer's Menu

- To operate the setup menu, the switches at the rear of the unit are used. This mode cannot be accessed when any alarm calls are active.
- To gain access to the menu, press both the 'UP' and 'DOWN' switches at the same time.
- In this mode, features such as global and local night mode, system ID and display ID can be changed.
- Global mode will allow other display panels on the same system to control the night and mute modes on other panels.
- Local mode will restrict control such as mute and night functions to the individual display panels. (Not affecting other display panels)
- System ID is to be changed to isolate different PAM systems from each other.
- Display ID is used to change the unit ID of the display panel. This should not be changed unless needed for site fault finding/debugging.



Important Technical PAM System Information

- Radio repeaters or additional Master display displays must be hard wired.
- Master displays can also be supplied as repeaters so they share the RS485 bus via a patch cable.
- If a single Master display receiver is to be used, the recommended call unit limits can include all of the following:

*15 off x PAMs

*50 off x 1150 units

*50 off x 1124/FE units

*50 off x 1122/1115 units

- When a single receiver is in use and needs to be over these limits, please contact Call Aid UK – 0115 9400905.
- Systems can be expanded by using radio repeaters. A maximum of 15 repeaters can be used. If any more are required, please contact Call Aid UK – 0115 9400 905.
- Where multiple receivers are needed, a recommended limit of 30 PAM units is advised. The same limits apply for 1150s, 1124s and portables as per the single receiver.
- Multiple systems can be used in the same building, they are separated with different system codes.
- The PAM unit battery should last for 120 hours of continuous use.
- The call unit names are stored on the Master display and can be customised by Call Aid UK to user requirements.
- The Master display has an RSSI test mode which can be used to record the signal levels of all the units on commissioning of the system and for in house maintenance testing.

The 1142 Master display panel installation

- On the reverse of the 1142 there are two keyholes that will allow the master unit to be hooked onto the stainless steel wall bracket. Use a spirit level to ensure that the bracket is level as it is not adjustable.
- Before the master is screwed to the wall, test that ALL the PAM's signals are reaching the 1142 master in the position on the wall where it is to be used. It is better for the master to be at head height as the signal reception is better at this height.

If you cannot setup the system due to low signals or for any other reason please contact Call Aid UK on 0115 940 0905 for technical assistance.