



1155 Series - PAM (Portable Activity Monitor) System with 1142RX Portable Radio Receiver

Installation & User Manual

The PAM Unit 1155 user instructions

Important: Please ensure the PAM unit is fully charged before use.

Using the PAM

To switch on the PAM briefly press the top button, three bleep tones are heard to confirm the signal is OK.

A fifteen second delay is incorporated before the detector is activated to allow the Carer time to leave the room, the red lamp in the top button flashes ON & OFF during this period.

Please note: there will be no confirmation three bleeps if the PAM cannot contact the 1142 receiver. This is a failsafe feature to ensure that the PAM is always within range of the 1142 receiver.

It is good practice to check that the PAM that has been switched on is logged on at the 1142 receiver.

To switch off/cancel a call, briefly press the top button and wait for five bleeps.

When a PAM battery is getting low a “Low Battery” warning is sent to the 1142 receiver. This message will remain on the display until the PAM is switched OFF. The PAM must be fully charged before being used again.

PAM Charging

- Please ensure the PAM unit is fully charged before use.
- The PAM unit cannot be used for monitoring when on charge.
- When charging the red lamp on the top button is constantly illuminated.
- When the battery is fully charged the red lamp will flash. The charging time will vary depending on the charged state of the battery.
- Battery life is calculated at approx. 24 hours in monitor/armed mode.



The 1142RX radio master receiver (Portable version)



The 1142RX Receiver Display

When PAM's are switched on they send a radio signal to the 1142 receiver to "Log on". If this signal is not confirmed back to the PAM, the PAM will not switch to monitor mode. To find a better signal move the PAM to another position within the bedroom try setting the PAM again.

When "logged on" the number of the PAM will be shown in the bottom left hand side of the display. When there is more than one PAM in use the number of these PAM's is scrolled in the order that they are switched ON. The green lamp over the "armed check" button will be lit.

Low Battery

When there is a PAM on low battery alert this will be PAM number will be displayed at the 1142 receiver; the green warning lamp will be lit above the battery button. This alert will replace the display showing the switched on PAM's.

The PAM with the low battery must be switched off and put on charge immediately.

Out of range message

This is a warning at the 1142 receiver that a PAM has lost signal contact with the 1142 receiver usually because it is out of range. This could be that the battery is running down and there is insufficient power to drive the transmitter. Check the PAM and if necessary recharge the battery or try to move the receiver closer to the PAM.

- **PAM Armed**
 - This is displaying all the PAMs that are turn on and armed.
- **Low Battery**
 - This is displaying all the PAMs that have low battery and should be charged at once.
- **Out of range**
 - This is a warning that the PAM is not receiving a signal from the 1142 receiver and is out of range from the 1142 receiver. Please check the PAM and if necessary try to move the receiver closer to the PAM.
- **Emergency**
 - This is a warning that a PAM has been triggered and is cancelled at the PAM by pressing and holding the top button. See PAM user instructions.

Buzzer levels

- There is a white switch on the side of the receiver to change the level of the buzzer

Charging the 1142 Receiver

- When not being moved around the 1142 receiver should always be plugged into the charger.
- Should the 1142 receiver be turned off when any PAMs are armed all PAMs will need to be disarmed and rearmed. This is to keep the PAMs and the 1142 receiver in sync.

The 1142 Receiver Display

- **PAM Armed**

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

PAM 1142RX Coding Instructions

Adding an additional PAM unit

Before proceeding, please ensure that all PAM units are turned off and no other PAM units are active within radio range of the receiver. If any PAMs are active near the receiver, this will interfere with the operation.

1.

With the radio receiver powered on and in standby mode (NO PAMS ARMED), press the 'UP' and 'DOWN' buttons together briefly until the 'MENU/ ADD NEW DEVICE' shows on the display.



2.

Press the 'ARMED CHECK' button on the receiver. The 'SELECT DEVICE ID' menu should be now showing on the display.

(The device ID menu is used to choose which number will show on the display when the PAM unit is in operation. This number can be any number from 1-50.)



3.

Please use the 'UP' and 'DOWN' buttons on the receiver to select the desired ID number for the PAM unit.

(The 'UP' button will increase the ID by one until fifty, while the 'DOWN' button will decrease the ID by one until it reaches one.)

4.

Press the 'ARMED CHECK' button when the desired ID is showing on the display. The display should now be showing the 'SELECT NAME' menu.



5.

Please use the 'UP' and 'DOWN' buttons to select the desired description to follow the ID number.

(The 1142RX receiver has the capacity to allow the use of any of the ten pre-set descriptions to be used with any PAM, please select any description as required)

6.

Press the 'ARMED CHECK' button when the desired description is showing on the display. The display should now be showing the 'TRIGGER DEVICE' menu.



7.

With the receiver in the 'TRIGGER DEVICE' menu, switch on the PAM unit via the top button on the PAM unit. When the new PAM has been detected and confirmed by the receiver, the PAM and 1142RX should emit a short beep. Once this step is complete, the receiver display should now be showing 'NO PAMS ARMED'.

(The PAM should be kept close to the receiver in this stage. If not, the unit may be ignored by the 1142RX. The receiver will ignore weak signals to minimize interference)

8.

The new PAM unit should now be tested in the required final location. Once the unit has been confirmed working and within range, the PAM unit can now be used.