869MHz Unboxed Transmitter

Trusted Technology
Caring for People



- Fixed trigger device
- Compatible with Reach IP, Advent XT2, Carer Response and Touchsafe Pro V4.01 onward
- Normally open clean contact trigger
- 80mm flying leads and screw connectors
- 5 Year Lithium battery (typical)
- Low battery warning
- Operating Temperature: +5°C to +40°C
- Telecare Transceiver: 869.2125MHz Class 1.5
- Digital Heartbeat
- Weight: 11 grams
- Dimensions: 48mm x 25mm x 8mm (HxWxD)
- Product Code ZXT850 for pendant alarm
- Product Code ZXT851 for pullcord alarm
- Product Code ZXT852 for smoke alarm
- Product Code ZXT853 for carbon monoxide alarm

The unboxed transmitter can be connected to a third-party device to initiate an alarm call on an Advent XT2 assisted living system, a Reach IP at-home alarm unit or a Carer Response local Carer alarm unit.

The third-party device the transmitter is being connected to must have a momentary action, normally open clean contact relay output that closes on alarm.

The transmitter is factory programmed with the relevant radio code for the type of device it is being connected to.

Positioning

The transmitter should be mounted inside the third-party device and be connected to its alarm output terminals. Secure the transmitter in place with the self-adhesive pad provided on the battery.

Alarm Condition

When the third-party device is activated an alarm call will be transmitted. A new alarm will not be triggered until the device has reset and is activated again.

Low Battery Condition

A low battery condition will be reported automatically to the Alarm Receiving Centre (ARC) or the local Manager. The transmitter should be replaced as soon as possible within 30 days. The transmitter can be returned to Tynetec for battery replacement.

Out of Range Notification (Reach IP)

The Reach IP can monitor all radio peripheral devices to determine whether they have been damaged or removed from an installation. Should the Reach IP be unable to detect a device's heartbeat it will automatically generate a "radio out of range" notification. Firstly, investigate if there's a genuine reason for the alert, if not, arrange for the peripheral device to be replaced immediately.
The "Radio out of range timer" can be set from 30 hours to 99999 hours in Pulse CMP. "Radio supervision" can be disabled by unchecking the tick box associated with each peripheral device in Pulse CMP.

Maintenance

Test the transmitter once every month.

Disposal

Waste electrical products should not be disposed of with normal household waste. The unboxed transmitter is ideally suited for disposal within the waste electronic and electrical equipment (WEEE) recycling scheme. Please recycle where facilities exist. Check with your local authority or contact your supplier for recycling/disposal advice.

Warning

The transmitter contains a Lithium battery. If tampered with the battery may be damaged and create a fire hazard. No attempt should be made to remove or replace the battery. Do not incinerate.

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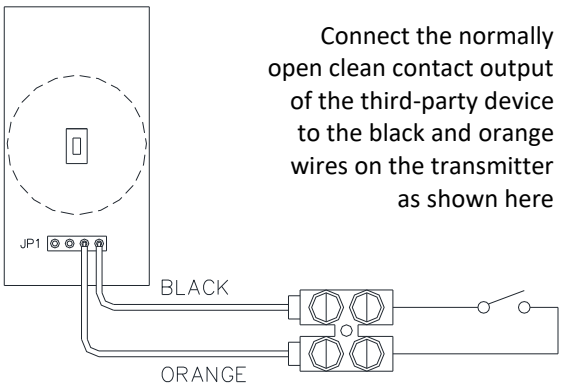
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How to install the Transmitter

The transmitter is designed for internal use only, it is not suitable for external applications.

The transmitter should be mounted inside the device it is being connected to. Select a position away from metal as this will shield the radio signal and reduce its range.

Fix the transmitter using the self-adhesive pad provided on the battery.



Connect the normally open clean contact output of the third-party device to the black and orange wires on the transmitter as shown here

Perform several test calls to check the third-party device is not having a detrimental effect on the radio transmission.

Telecare Radio ID

The transmitter communicates with the Reach IP, Advent XT2 or Carer Response.

The Radio ID is a 10-digit code printed on the transmitter label...



Registering the Transmitter onto a Reach IP

Login to Pulse CMP (www.tynetecpulse.com) and enter the Reach IP Serial No. in the **ALARM UNIT** view. Press the **Accessories** button and enter the Radio ID code, Location and Equipment type. Press **Save** then ↻ **Synchronize**.
IMPORTANT: when the transmitter is installed a test call must be made to check operation and start the digital heartbeat.

Alternatively, with the Reach IP in normal operating mode undo the fixing screw and remove the stand or connector cover to access the ● Power button.

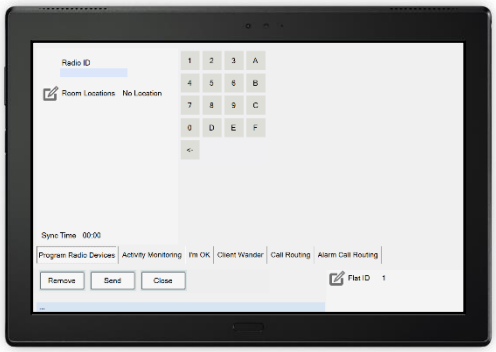
● Power Button



Press the ● Power button to enter Control Mode, then press and hold the □ button until the unit announces "*add radio device*" then release.
Press the ● button to confirm then activate the transmitter.
The Reach IP unit will sound a high beep if it's a new device and announce "*range test mode*".
Press ● to confirm, or press □ to step to the next function, or press ○ to exit the mode.
Activate the transmitter to check operation.

Registering the Transmitter onto an Advent XT2

Press the **Settings** button on the Home page of the Manager's Panel. Press the Manager (or Engineer) button, enter the password and press the **Programming** button. Select the **Program Radio Devices** option from the tabs along the bottom of the screen.



Press **Flat ID** and enter the flat number the transmitter is being installed in. Enter 4-digits e.g. 0014.
Press **Radio ID** and enter the 10-digit code taken from the label on the transmitter.
Press **Room Locations** and select where the transmitter is located from the on-screen options e.g. Lounge.
Press the **Send** button to update the XT2 system.
Activate the transmitter to check operation.

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Registering the Transmitter onto a Carer Response

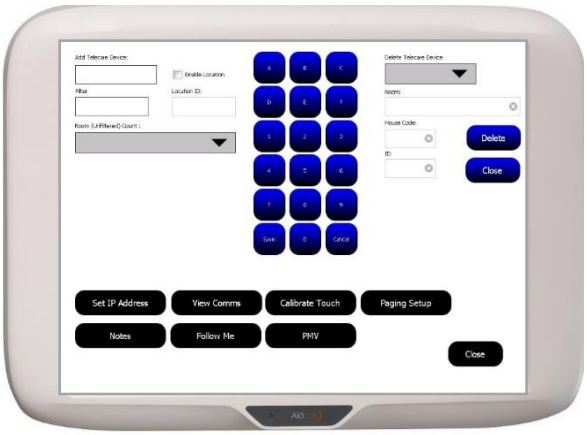
Refer to the Carer Response user manual for full details of the button functions and how to navigate the menus.



From the Main menu select **Programming**.
From the Programming menu select **Add transmitter**.
The display will prompt you to ***Activate the transmitter…***
Activate the transmitter.
The Carer Response will beep and the display will change to the **Add transmitter** menu with a box showing **No ID**.
Press ↵ then ▼ to select **Room**, then press ↵
Press ▼ to select the room number box **0000**.
Press ↵ to select the first digit, press ↵ to move between the digits and press ▲ or ▼ to change each digit.
Press ↵ when the correct room number is displayed.
Press ▼ to select the alarm type box **None**.
Press ↵ then▼ to select the **Alarm type** then press ↵
Press the ▼ button to select **Save** then press ↵
The display will show ***Radio ID saved to memory…***
Return to the **Main menu** and select **Quit**.
Activate the transmitter to check operation.

Registering the Transmitter onto a Touchsafe Pro

Login to the Master Touchsafe Pro Nursecall Panel (must be V4.01 onward) using an Engineer or Manager password.
From the Main Menu page select the **Telecare** option to open the screen shown below.



Touch the **Add Telecare Device** box and enter the Telecare device 10-digit Radio ID using the on-screen keypad.
Touch the **Filter** box and enter the zone you want to add the Telecare device to using the on-screen keypad.
Touch the **Room** box ▼ and select the Callpoint ID from the list that will be used to cancel the Telecare alarm.
Touch the **Save** button on the keypad.
Touch the **Close** button to exit.
Activate the transmitter to check operation.

Declaration of Conformity

We declare this product complies with the relevant UK legislation on condition that it is used in the manner intended, and in accordance with the current installation standards and/or the manufacturer's recommendations. A copy of the full UKCA Declaration of Conformity is available on request.

We declare this product complies with the relevant European legislation on condition that it is used in the manner intended, and in accordance with the current installation standards and/or the manufacturer's recommendations. A copy of the full CE Declaration of Conformity is available on request.

Chris Dodd
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