869MHz Dual Smoke & CO Transmitter

Trusted Technology
Caring for People



- Fixed trigger device
- Compatible with Reach IP, Advent XT2, Carer Response and Touchsafe Pro V4.01 onward
- Transmitter housed in single gang surface pattress
- 2 normally open clean contact trigger inputs
- 80mm flying leads and screw connectors
- Factory programmed with smoke & CO alarm codes
- 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: 140 grams
- Dimensions: 87mm x 87mm x 40mm (HxWxD)
- Product Code: ZXT870

The dual transmitter can be connected to third-party smoke and CO detectors 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.

The third-party detectors the transmitter is being connected to must have momentary action, normally open clean contact relay outputs that close on alarm.

The transmitter is factory programmed with smoke and CO alarm AALRP radio codes.

Positioning

The boxed transmitter should be wall mounted in the same dwelling as the smoke and CO detectors. The boxed transmitter is suitable for indoor locations only.

Alarm Condition

When a third-party smoke or CO alarm is activated the relevant alarm call type will be transmitted. A new alarm will not be triggered until the detector 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.

Tynetec, a business unit of Legrand Electric Ltd
Cowley Road, Blyth Riverside Business Park, Blyth, Northumberland, NE24 5TF.
Tel: +44 (0) 1670 352371 **www.tynetec.co.uk**

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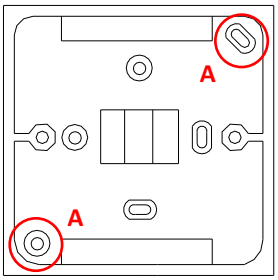
DIGITALLY ENABLED

How to install the Transmitter

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

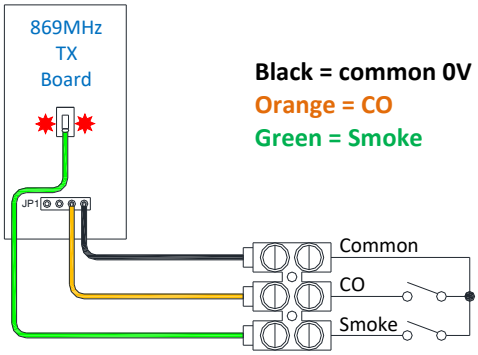
The transmitter should be wall mounted near the detectors it is being connected to. Choose a location away from metal as this may shield the radio signal and reduce its range.

Undo the 2 screws and remove the pattress lid. Break-out the most appropriate cable entry point in the backbox.



Fix the backbox using the screws and wall plugs through holes "**A**" or use the self-adhesive pad

Connect the normally open clean contact outputs of the third-party smoke and CO alarms to the wires on the transmitter as shown here…



Black = common 0V
Orange = CO
Green = Smoke

Perform test calls from the smoke and CO alarms and check the call types are transmitted. The LED's on the transmitter board will flash red when a call is transmitted.

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 from the smoke or CO alarm 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.

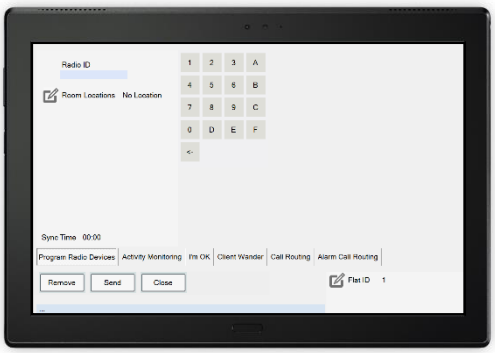
● Power Button



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 smoke **or** CO detector (either will do, no need to do both).
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 both smoke and CO alarms 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 smoke/CO alarm is located from the on-screen options.
Press the **Send** button to update the XT2 system.
Activate both smoke and CO alarms to check operation.

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Registering the Transmitter onto a Carer Response

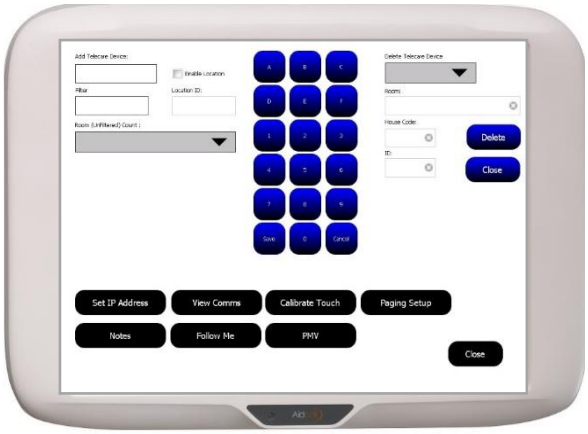


Refer to the Carer Response user manual for full details of the button functions and how to navigate the menus.

From the Main menu select **Programming**.
From the Programming menu select **Add transmitter**.
The display will prompt you to ***Activate the transmitter…***
Press the test button to activate the smoke alarm.
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 **Smoke Detector** 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**.
Repeat the above procedure but next time press the test button on the CO alarm.
Activate both alarms to check operation.

Registering the Transmitter onto a Touchsafe Pro

Login to the Master Touchsafe Pro Nursecall Panel (must be V4.01 onward) using 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 both alarms 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
CEO
Legrand Assisted Living & Healthcare