



- Compatible with Reach at-home alarms, Advent xt warden call and Altec Response carer alarms
- Surface mount keyswitch & transmitter unit
- Key removable in both positions
- All units keyed alike (2 keys provided)
- Supplied with surface mount door contacts
- Low battery warning
- Dimensions: 87mm x 87mm x 40mm (HxWxD)
- Product Code: ZXT438

What is the Door Exit Contact & Keyswitch used for?

The contact can be used to raise a "door exit" alarm when a door is opened.
With the keyswitch in the "**NORMAL**" position an alarm call will be transmitted immediately.
With the keyswitch in the "**OVERRIDE**" position the door can be opened without an alarm.

Where should the Keyswitch be fitted?

The keyswitch should be wall mounted internally alongside the door being monitored and should be within 3 metres cable run of the door contact.

Typical Tools Required

Check for cables and pipes in the wall before using the drill.
Make sure the correct type drill bit and screwdrivers are used.

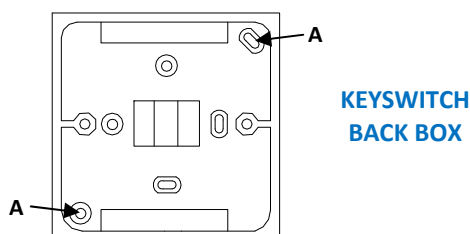


Fitting the Keyswitch

Undo the 2 screws and remove the lid from the keyswitch module.

Break out the most appropriate cable entry point in the back box.

Fix the back box to the wall with the screws & plugs provided through the 2 fixing holes "A"



Fitting the Door Contact

Connect 2 wires to the door contact (see drawing below).

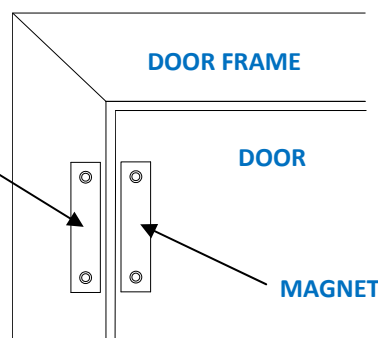
Fix the part with the wires to the door frame with the screws provided.

Clip the wire tidily with the self adhesive clamps provided.

Fix the magnet part to the door with the screws provided.

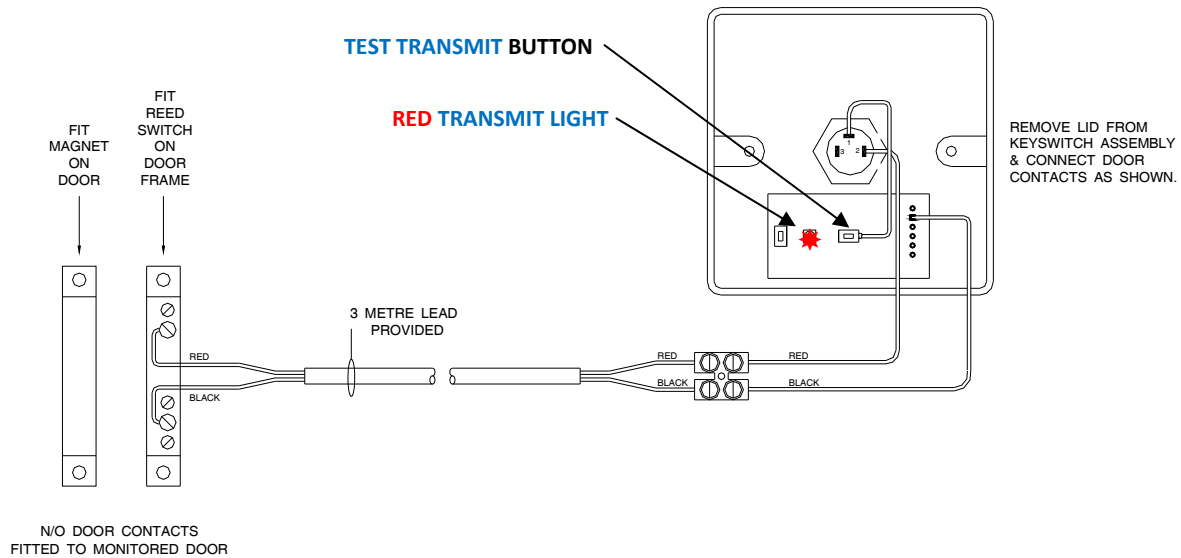
Note: there should be no more than 10mm gap between the two parts of the door contact when the door is closed.

The contacts must part when the door is opened.



Connection Details

Connect the door contact to the keyswitch module as shown below;



Testing & Registering the Door Exit Contact

A test call is necessary to learn the door exit contact onto the Reach at-home alarm, Advent xt warden call or Altec Response local carer alarm. See the following pages for how to put each of these products into "Learn Mode".

To perform a test call simply turn the key to the **NORMAL** position then open and close the door.



The range of all radio devices can be affected by the working environment - always take care during installation and perform several test calls.

Battery Life



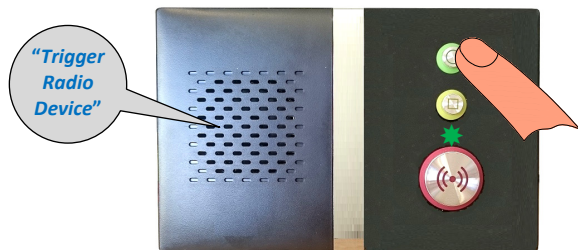
WARNING: If the door must be left open for an extended period always make sure the keyswitch is in the **OVERRIDE** position. Failure to do so will cause unnecessary drain on the battery and may reduce its life considerably.

The transmitter battery is checked once a day, if the voltage falls and stays below a preset level for 7 consecutive days a low battery alert is automatically transmitted. Once a low battery call is received the door contact should be replaced within 7 days. Door Contacts must be returned to Tynetec/Aidcall for battery replacement.

Detailed information on battery management for all Tynetec/Aidcall products is available - request Doc No. FM0630.

Registering a Door Exit Contact onto a Reach at-home alarm unit

1. Put the Reach unit into radio device learn mode...



Press and HOLD the **GREEN ○** button on the Reach unit.

When the front light **FLASHES FAST GREEN** release the button and the Reach will announce **"Trigger Radio Device"**.

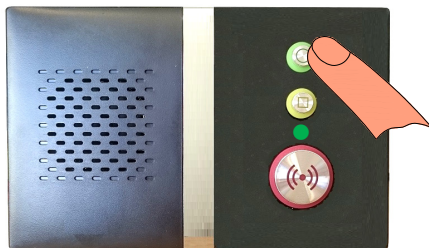
You now have 1 minute to activate the door contact.

2. Activate the door contact...



With the keyswitch in the **NORMAL** position, open the door and the Reach will announce **"Door Exit"**.

3. Exit radio device learn mode...



Press the **GREEN ○** button on the Reach unit.

The front light will return to **STEADY GREEN** and the Reach is back in normal operating mode.

4. Check with the Control Centre that it is convenient to perform a test call, turn the keyswitch to the **NORMAL** position, open the door and confirm they receive a door exit alarm call.

Deleting a Door Exit Contact from a Reach at-home alarm unit

Enter *** 1 6 7 0** using the keypad on the rear of the Reach unit – the front light will **FLASH FAST GREEN** and the unit will announce **"Program Mode - Ready"**.

Enter **# 0 4 1** and the Reach will announce **"Delete Radio Device"** followed by a **"Beep"**.

Enter the 8 digit door exit contact ID to be deleted; after the **"Beep"** press **#** to exit.

Press the ***** key to exit Program Mode; the unit will sound a **"Double-Beep"** and the front light will return to **STEADY GREEN**.

[‡] The 8 digit ID can be found on a label inside the keyswitch module – it will always start with 34xxxxxx



The instructions given above for the standard Reach product also applies to the Reach Plus, Reach Plus GSM and Reach Ultra models. Refer to the instruction booklets provided with these products for more information on programming and testing radio devices.

Registering a Door Exit Contact onto an Advent xt warden call system

1. Put the Advent xt system into radio device learn mode...



Using the Manager's DECT telephone;

Press the **LINE** key and wait for the "**Ready**" prompt.

Enter **5 0 0 0** followed by the ***** key.

Enter the flat number the door contact is being installed in followed by the ***** key.

You now have 1 minute to activate the door contact.

2. Activate the door contact...



With the keyswitch in the **NORMAL** position open the door.

Wait for the "**Enter Location Code**" prompt then press **0** (no location) followed by the ***** key.

Wait for the "**Pendant Enabled – Enter Flat**" prompt.

3. Exit the Advent xt system radio device learn mode...



Using the Manager's DECT telephone;

Press the **#** key and wait for the "**Ready**" prompt.

Press the **LINE** key to clear the connection and the warden call system is now back in normal operating mode.

4. With the keyswitch in the **NORMAL** position, activate the door contact and check a client wandering alarm call is reported on the warden call system.

Deleting a Door Exit Contact from an Advent xt warden call system

Press the **LINE** key and wait for the "**Ready**" prompt.

Enter **5 0 0 1** followed by the ***** key.

Enter the flat number the alarm door contact is being deleted from followed by the ***** key.

Activate the door exit contact to be deleted.

Wait for the "**Pendant Disabled – Enter Flat**" prompt.

Press the **#** key and wait for the "**Ready**" prompt, then press the **LINE** key to clear the connection.



Refer to the Advent xt operators manual (Doc No. FM0420) provided with the warden call system for more information on programming and testing radio devices.

Registering a Door Exit Contact onto an Altec Response local carer alarm unit

1. Put the Altec Response unit into radio device learn mode...



Press **ENTER** to activate the wake-up display then **ENTER** again to display the main menu.

Press **ENTER** to select **→ Radio Devices ←**

Press **ENTER** to select **→ Learn Device ←**

The display will prompt you to **"Trigger the Sensor"**.

You now have 20 seconds to activate the door contact.

2. Activate the door contact...



With the keyswitch in the NORMAL position open the door.

The display will show **Client Wandering** and the door contact 8 digit ID number. Check the ID is correct, press the **▼** key to select **→ Accept ←** then press **ENTER**.

Note: if another device has been picked-up press ENTER to → Reject ← and try again.

The display will show **Flat**, use the **◀ ▶** keys to choose the dwelling type.

Press the **▼** key to select **→ No: 000000 ←** then press the **ENTER** key.

Use the **▲ & ▼** keys to select each digit of the flat number and the **◀ & ▶** keys to move between digits then press the **ENTER** key.

Press **▼** key several times to select **→ Exit ←** then press the **ENTER** key.

The display will prompt you to **"Trigger the Sensor"** again.

3. Exit the Altec Response radio device learn mode...



From the **Learn Device** menu select **→ Exit ←** then press **ENTER**.

From the **Radio Devices** menu select **→ Exit ←** then press **ENTER**.

The display will return to the wake-up screen and go blank after 10 seconds.

The Altec Response is now back in normal operating mode.

4. With the keyswitch in the NORMAL position, activate the door contact and check a client wandering alarm call is displayed on the Altec Response unit.

Deleting a Door Exit Contact from an Altec Response local carer alarm unit

Press **ENTER** to activate the wake-up display then **ENTER** again to display the main menu

Press **ENTER** to select **→ Radio Devices ←**

Press the **▼** key to select **→ Delete Device ←** then press **ENTER**

The display will prompt you to **"Trigger the Sensor"**

Activate the door exit contact to be deleted - the display will show the device type and its 8 digit ID number

If this is the device you activated press the **▼** key to select **→ Delete ←** then press **ENTER**

If it's NOT the device you activated press the **ENTER** key to select **→ Reject ←** then try again

To exit the mode select **→ Exit ←** then press the **ENTER** key.



Refer to the Altec Response installation guide (Doc No. FM0548) provided with the portable alarm unit for more information on programming and testing radio devices.

Tynetec and Aidcall operate a policy of continuous improvement and reserve the right to change product specifications without notice. If any variation to the details contained in this document are suspected please contact Tynetec's customer support dept on 01670 352371.