

Wireless Doorbell with Standard or Illuminated Chime

Models Covered: 250-016 & 250-033

Pack Contents

- Blue Doorbell unit with 1 x TX15 Allen Key & 2 x Anti-tamper Screws
- Transmitter unit (with double sided sticky pad)
- Standard Door Chime Unit (complete with wall fixings)
- 2 x AA Battery

OR

- Blue Doorbell unit with 1 x TX15 Allen Key & 2 x Anti-tamper Screws
- Transmitter unit (with double sided sticky pad)
- Illuminating Door Chime Unit (complete with wall fixings)
- 2 x C Battery



Product Overview

The wireless Doorbell uses radio frequency (RF) technology to activate a separate door chime unit, with the Doorbell acting as the transmitter (once fitted) and the door chime unit as the receiver. There are over 250 RF channels that the Doorbell and door chime unit can operate on and the units come supplied with a standard factory default channel setting. Channel settings can easily be changed and further details on this can be found in the **Channel Set up** section.

The Doorbell has been designed to be attached to the outside of the designated entrance with the supplied transmitter wired into it from the inside. By pressing the button on the outside Doorbell, the Doorbell transmits the signal to the door chime receiver and the chime will activate.

Please read and follow the instructions below before attempting to activate or install your Doorbell and door chime. It is recommended that you retain a copy of these instructions for future use.

Initial Set up Instructions

1. Check contents of pack and ensure all components listed are present. Contact your suppliers if anything is missing.
2. Before permanently fitting the Doorbell and door chime unit into place, first test the system. Wire the transmitter into the back of the Doorbell by attaching the positive white wire to terminal A and the grey wire to terminal C (ensuring the correct polarity). Then activate the battery in the transmitter by removing the battery pull out tag located on the side of the unit and then insert the supplied batteries into the door chime (please see **To fit or replace batteries** below). *Please note the battery in the transmitter should be activated before inserting the batteries into the door chime.* With the batteries activated, this enables the pairing of the system. A double beep will be heard to indicate a successful pairing. At this point press the button on the Doorbell within 30 seconds to confirm activation.
3. With a successful pairing of the two devices, you may proceed with the fitting of the Doorbell and door chime units as described (please see **Doorbell & Transmitter Fitting Instructions** below). Remember you will need to remove the wires from the Doorbell terminals A & C and reattach them to the Doorbell when permanently fitting the device into place.
4. Should the units not pair, please remove the batteries from the door chime for 30 seconds. Then re-insert the batteries at which point a double beep will be heard. This indicates that a successful pairing has been achieved and the Doorbell button should be pressed within 30 seconds to confirm the activation. If this process fails to pair the devices, please refer to the **Trouble Shooting Guide and User Hints** section.

*Please note the Doorbell has a built in anti-annoyance feature that restricts the activation of the device, please read the **Operation** section for more details.*

Doorbell Unit

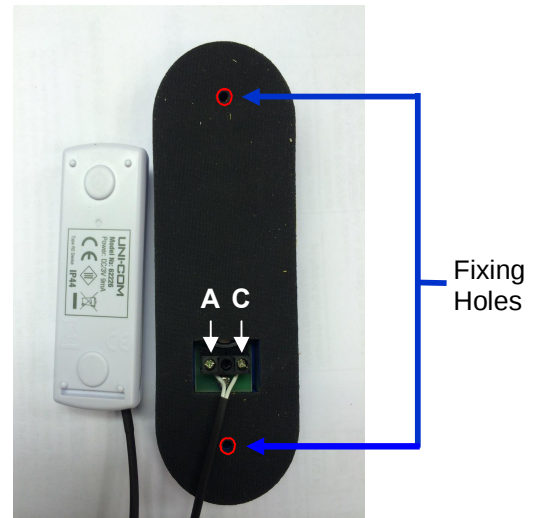
Requires 1 x CR2032 3v battery (fitted)

This aluminium vandal proof doorbell has been designed to be positioned outdoors and works in conjunction with the indoor transmitter and door chime provided.

Doorbell & Transmitter Fitting Instructions

- Feed the transmitter wires through the wall or door frame - drill hole if required. If necessary extend the length of the wires to the transmitter if they are not long enough to pass through the width of the door/window frame to which the device is being attached.
- Fix transmitter unit indoors using the double sided sticky pad Provided.
- Mark and drill holes (if necessary) to mount the Doorbell.
- Fit the transmitter wires to the Doorbell terminals, attaching the positive white wire to terminal A and attach the grey wire to terminal C (ensuring correct polarity) and using the appropriate anti-tamper screws mount the Doorbell outside.

Rear View Image of Transmitter and Doorbell



Positioning and Fixing the Chime

It is recommended that before permanently wall mounting the chime first test the operation of the unit in the chosen location.

The chime unit can be free standing or wall mounted with the screws provided

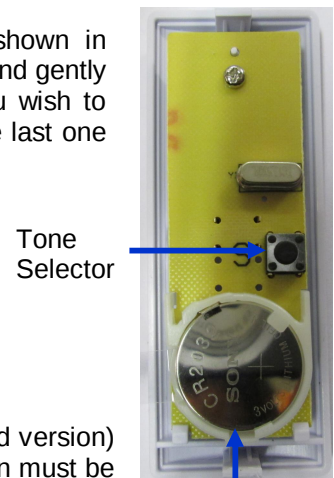
1. Insert the batteries into the Door Chime Unit (see fitting instructions overleaf)
2. Position the door chime unit where it can be heard
3. Site the chime unit in the desired position
4. Drill the hole as required
5. Fit the wall plug provided and insert the screw, leaving 5mm between the wall and screw head.
6. Locate the keyhole slot on the back of the chime unit and slide downwards to fix in place.

Tone set up

The tone selector is a small black button located inside the transmitter unit (shown in diagram). To remove the cover insert a flat headed screwdriver into the locking slot and gently twist, see figure 1. The tone is preset at factory to the ding dong chime. If you wish to change the tone, press and release the button until the desired tone is heard. The last one heard is the one retained within the units memory.

- | | | |
|----------------|---------------------|-----------------------|
| 1. Westminster | 4. Circus Theme | 7. It's a small world |
| 2. Ding Dong | 5. Banjo on my knee | 8. Dog Barking |
| 3. Telephone | 6. Twinkle Twinkle | |

Image of Transmitter with cover removed



CR2032 Battery 3V (supplied)

Operation

Touch the push button once; The door chime unit will sound (and flash if illuminated version) then stop as soon as the melody ends. For the chime to sound again, the push button must be touched again.

Note: The doorbell unit features an anti-annoyance feature where by the unit will not re-activate for a period of 30 to 40 seconds.

Transmitter Unit

Requires 1 x CR2032 3v battery (fitted)

To fit or replace battery: Remove the back of the case by inserting a flat headed screwdriver into the locking slot and gently twisting, see figure 1. Insert the battery positive side up. Refit the front of the unit.

Transmitter Specification

Power : 1 x 3V Lithium battery (CR2032) Factory fitted
Consumption : 15mA - on / 0.003mA - Off

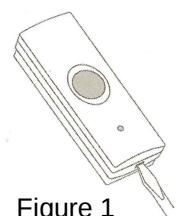


Figure 1

Standard Door Chime Unit

Requires 2x1.5v batteries (supplied)

To fit or replace batteries: Slide open the battery cover, insert the batteries into the battery compartment ensuring the battery polarities match the internal markings. Refit the battery cover.

If the chime no longer operates or the LED no longer operates on the transmitter unit, the batteries should be replaced

Please note batteries should be inserted into the transmitter unit before the door chime unit. This enables the pairing of the system. A double beep will be heard to indicate pairing successful. Touch the push button within 30

Specification

Consumption	: 2 x 1.5v AA (MN1500) Chime Sound 80mA
Operating Temperature	: -10°C to +40°C
Operating Distance	: Max 80 Meters (262ft) approx line of sight
Selectable Tones	: 8 Selectable melodies

Channel Set up

The unit comes from the factory on a pre-set radio frequency channel. However, should your door chime activate intermittently for no reason at all it is possible that a similar unit is operating nearby on the same frequency.

To change the channel:

1. Remove the batteries from the chime unit
2. Remove the back of the transmitter unit case by pushing the tab on the bottom with a small flat screwdriver. See figure 1.
3. Remove and refit the CR2032 battery
4. Snap the front cover back on
5. Refit the batteries into the chime unit. A double beep will be heard
6. Operate the doorbell to confirm the new code is working



Illuminated Chime Product Features

The flashing door chime has 3 modes and 8 Sounds

Mode

- Chime Only (Default)
- Chime & Flashing
- Flashing only

Sounds

- Westminster
- Ding Dong
- Tubular 1
- Tubular 2
- Synth 1
- Synth 2
- Piano
- Ringing Bell

To change modes slide off the battery door of the chime and press **MODE** button to cycle through the options.

Note: The chime sound will be ding dong when cycling through modes but will revert to your chosen sound when the Doorbell is activated.

From first use and whenever the batteries are replaced, the mode will reset to Chime Only by default

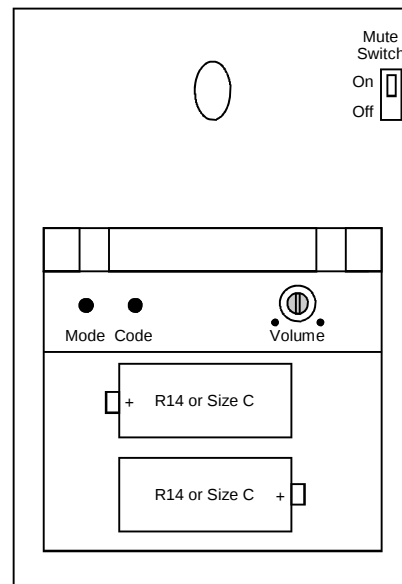
Volume Control and Mute Function

To adjust the volume, slide off the battery door of the chime unit and turn the dial clockwise to increase volume and anti clockwise to reduce it

The mute switch can be found on the side of the chime unit. Push the switch down for no sound, only flashing light will operate (if set to chime & flashing). Push the switch up to restore sound.

Low Battery \ Indicator

When batteries are getting low a red LED will illuminate behind the blue lens



Illuminated Chime Unit

Requires 2x1.5v C batteries (supplied)

To fit or replace batteries: Slide open the battery cover, insert the batteries into the battery compartment ensuring the battery polarities match the internal markings. Refit the battery cover.

If the chime no longer operates the batteries should be replaced.

Please note batteries should be inserted into the transmitter unit before the illuminated chime unit. This enables the pairing of the system. A double beep will be heard to indicate pairing successful. Touch the Doorbell push button within 30 seconds to confirm.

Specification

Consumption	: 2 x 1.5v C (MN1400) Flashing / Sound & Light 80mA
Operating Temperature	: -10°C to +40°C
Operating Distance	: Max 80 Meters approx line of sight
Selectable Tones	: 8 Selectable melodies



Channel Set up

The unit comes from the factory on a pre-set radio frequency channel. However, should your chime activate intermittently for no reason at all it is possible that a similar unit is operating nearby on the same frequency.

To change the channel:

1. Remove the batteries from the chime unit
2. Remove the back of the transmitter unit case by pushing the tab on the bottom with a small flat screwdriver. See figure 1.
3. Remove and refit the CR2032 battery
4. Snap the front cover back onto the transmitter unit
5. Refit the batteries into the chime unit. A double beep will be heard
6. Operate the doorbell to confirm the new code is working

Should you need to change channels, this process can be followed many times as there are over 250 different channels.

Additional Doorbell Units

Additional Doorbell Units can be purchased and installed at other locations i.e.. other entrances etc. They can be adjusted to a different tone so that the source of the chime can be identified. Additional units can be obtained from your retailer or from Pace Systems Ltd Telephone: **0800 0885861**

Adding additional Doorbell to chime

1. Press the **CODE** button, located on the back of the Standard chime, for 1 to 2 seconds until a beep is heard followed by step 3 below
2. Or if issued with the Illuminated chime, slide off the battery cover and press the **CODE** button, for 1 to 2 seconds until a beep is heard followed by step 3 below
3. Press the new Doorbell within 5 seconds and the chime will sound.

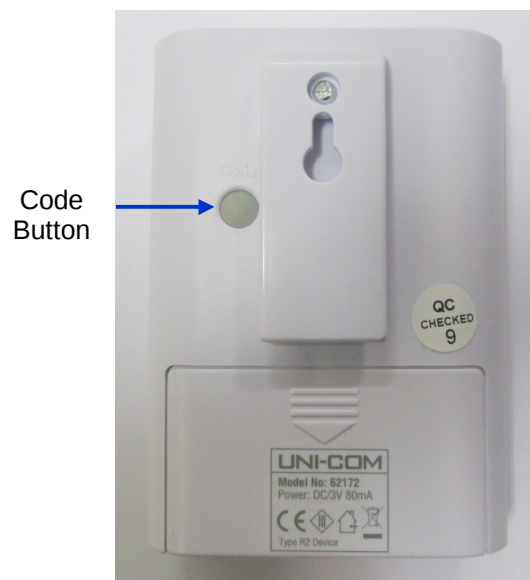
A maximum of 4 Doorbells can be paired to the same chime

If a series of beeps are heard this indicates memory is full.

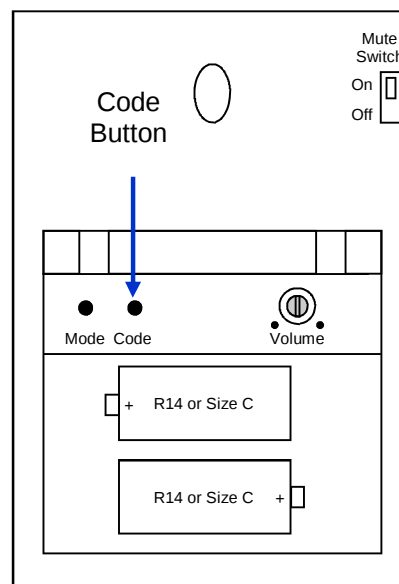
To reset:

1. Remove the batteries from the chime unit for 30 seconds
2. Remove and re-insert the batteries in the transmitter unit
3. Re-insert the batteries into the chime unit. A double beep will be heard

Standard Door Chime



Illuminated Door Chime



Trouble Shooting Guide and user Hints

Problem	Possible Causes	Suggested Remedy
Chime unit does not sound when push button is operated	Unit is out of range	Operate the chime unit within the operation range (80m)
	Bell Push transmitter and Chime unit are not on the same channel	Follow channel set up instructions
	Batteries need replacing	If the LED doesn't illuminate on the transmitter unit replace the batteries in the transmitting unit
		If the LED illuminates on the transmitter unit but does not illuminate on the Chime unit replace the batteries in the chime unit
	Incorrect wiring polarity of wires in the doorbell	Check wires are fitted as per instructions
Door Chime sounds without push button being pressed	A similar wireless product is being used on the same channel	Change the Channel by follow channel set up
An additional bell push will not work with existing chime	Units not paired	Follow steps 1 and 2 in adding an additional Bell Push

Important

The chime and transmitter unit are sensitive electronic products and the following precautions should be followed:-

- Only use in dry conditions
- Do not expose to direct sunlight
- If leaving the push button or chime for long periods remove batteries and store safely
- Do not drop either unit or subject to excessive blows
- The operating range is up to 80M, however the range of the wireless signal will be reduced if transmitted through a number of walls or ceilings as well as by metal door or window frames.

Warning

- Do not mix old and new batteries
- Do not mix different types of batteries
- Batteries must be inserted with the correct polarity
- Exhausted batteries must be removed immediately

Warranty

This unit is guaranteed against faulty parts or workmanship for a period of one year from date of purchase. This Warranty does not cover batteries, damage caused by battery leakage, damage caused by incorrect installation, or physical damage to the casing.

This guarantee does not affect your statutory rights

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