

Libra+ Converter/Push

Thank you for choosing this Friedland product. Please use the following instructions to ensure correct installation and use. Keep these notes in a safe place for future reference.

Checking pack contents

Unpack your push and identify the following parts:

- Bell Push/Converter
- CR2032 battery for bell push
- 2 x fixing screws for push
- Bell wire (for use with a wired push)
- Adhesive pad

You will need:

- A 4mm cross-head screwdriver
- A small flat bladed screwdriver

Quick start

You need to do the following to get started:

- Open the bell push/converter
- Fit the push battery

Follow the programming procedure for your Libra+ chime.

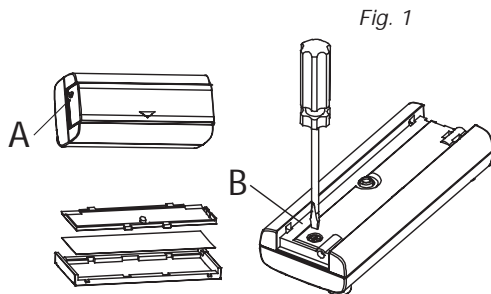
Safety

Before proceeding with the installation, please note the following safety warnings:

- ✓ ● Always follow the manufacturer's advice when using power tools and wear suitable protective equipment (e.g. safety goggles) when drilling holes etc.
- ✓ ● Before drilling holes in walls, check for hidden electricity cables and water pipes, the use of a cable/pipe locator maybe advisable if in doubt.
- ✓ ● When connecting the landscape push/converter to other manufacturers' equipment, check manuals and if necessary consult the manufacturer regarding suitability for the intended use.

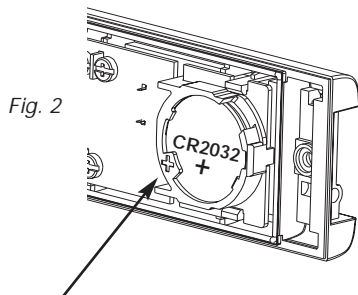
Open the bell push/converter remove nameplate

Using a ball point pen press at point A shown in fig 1. Remove the name plate. If desired, you can prize apart the two halves of the name plate and write on the card. Undo the retaining screw B and remove the back of the push.



To fit the push/converter battery

Insert the CR2032 coin cell. Ensure the face marked '+' is uppermost (Fig. 2).



Push/Converter functions

The bell push in this kit can be used as a stand-alone wirefree push. Additionally, it can be used to interface with an existing wired doorbell system or any of the following:

- A standard wired bell push
- A lit bell push and transformer
- A door or window contact
- Any device with N/O or N/C, voltage free contacts
- Any device which generates appropriate control signals < 24 (AC or DC)

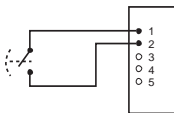
See typical connections (C1-7)

Important Note: Additional wiring can be brought into the push through the grommet in the back of the push. Once the grommet has been pierced or removed, we recommend that the push is mounted indoors.

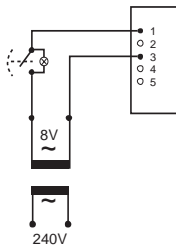
Diagram	Applications	Operation
C1	wired bell push or 'normally open' switch/contacts	when switch is closed, chime will sound
C2	door/window contact, 'normally closed' switch/contacts	when switch is opened, chime will make an 'ALERT' sound
C3	a lit push (with transformer) when switch is closed, chime will sound	when switch is closed, chime will sound
C4	landscape push/converter - terminal positions	
C5	a typical wired bell or chime circuit - transformer powered	
C6	converter connected to a wired bell or chime circuit - transformer powered	when push is operated, Libra+ chime will sound
C7	converter connected to a wired bell or chime circuit - battery powered	when push is operated, Libra+ chime will sound

Typical connections

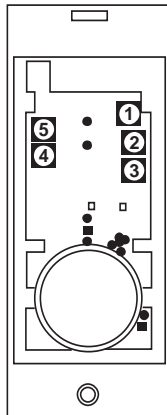
C1



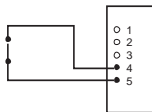
C3



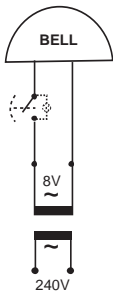
C4



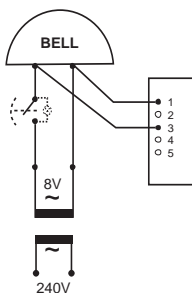
C2



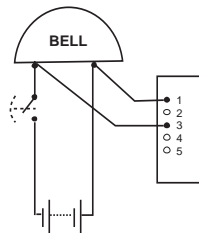
C5



C6



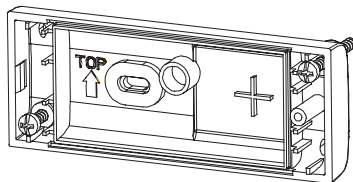
C7



Mounting the bell push/converter

Mount using either the double-sided adhesive pad or the screws provided (see Fig 3). Test your push before fixing. Avoid fixing to metal structures.

Fig. 3



Troubleshooting

A 'beep' sound is heard in learn mode...

- The push you are programming has already been learnt by the chime.
- If you want to change the icon associated with the push, use the un-learn procedure, then programme the push again.

Two 'beep' sounds are heard after the normal chime sound...

- This indicates a low battery in the bell push that activated the chime. Fit a new battery, type CR2032.

When the bell push is operated, the amber confidence light does not turn on, or is only on for a short time...

- In normal operation, the amber light will turn on for 1 second. When the battery is weak, the light will only turn on for a short time. Fit a new battery, type CR2032.

The chime does not work...

- Check that the batteries are the correct type. *Only use alkaline batteries.*
- Check that the batteries are fitted correctly.
- The chime could be out of range of the bell push. Try the chime in a different location.
- The chime might not have learnt the identity of the bell push. Follow the programming procedure.

The chime does not sound...

- Check that the volume control is not at the minimum setting.

Range is reduced...

- Metal structures, including uPVC door frames can reduce the range of the product. Avoid mounting the push or chime on or near metal structures.
- Other equipment can cause radio interference that affects your chime.
- Walls and ceilings will reduce the range.
- Weak batteries will reduce range. Replace every 12 –18 months. In cold conditions (below 5°C), batteries may need to be replaced more often.

Amber light flashes...

- When the chime battery is low, an amber light will flash every 5 seconds. Fit new batteries in the chime. *Only use alkaline batteries*

When the push converter function is used, the chime does not operate...

- Ensure that the wiring to the push is correct.
- Check that the correct terminals have been used and that screws are tightened.

Push/converter does not work with my older Libra equipment ...

- Libra + is not compatible with the earlier Libra system.
- Only use accessories marked Libra +.

Specifications

Specification	Bell push
Operating Temperature	-10 to 40°C
Range (open feild)	(see chime)
RF Frequency – UK/Europe	868MHz
RF Power	<10mW
Battery Type	CR2032
Battery Life (5 activations/day)	18 months
IP Rating	IP55
Maximum input voltage (T1-T5)	24VAC/DC

Declaration

Novar ED&S hereby declares that this product is in compliance with the essential requirements and other relevant provisions of the Radio and Telecommunications Terminal Equipment (R&TTE) directive, 1999/5/EC.



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Disposal & Recycling

Batteries and waste electrical products should not be disposed of with household waste. Please recycle where these facilities exist. Check with your local authority or retailer for recycling advice.

Guarantee

Friedland guarantees this product for 2 years from the date of purchase. Proof of purchase is required; this does not affect your statutory rights. If you require further information about our product, call the Friedland helpline on 01268 563066.