

# Byron

**779 Instructions**  
 Thank you for purchasing a Byron doorchime. Your new chime is the result of many years of specialised experience in the manufacture of doorbells and chimes. It is made to the highest standards of workmanship from the best possible materials. Nothing has been spared in its design, manufacture and testing. We hope you have many years of never missing a visitor to your door.

## General instructions

**WARNING SAFETY PRECAUTIONS** - These bells and chimes are designed to work off low voltage only. **NEVER** connect directly to the mains. If in doubt please consult a qualified electrician.

**DO NOT** use an illuminated bell push with battery operated installation. This will reduce the battery life.

**DO NOT** position chime over any heat source, i.e. radiator etc.

**DO NOT** position chime in moist atmosphere, i.e. kitchen or bathroom

**DO NOT** pinch wiring under a staple or damage insulation in such a way as to cause a short circuit between wires.

**DO NOT** oil the plunger mechanism.

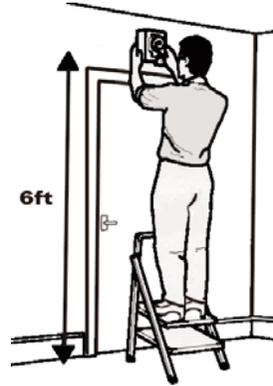


Fig.1

## Front door battery operation.

Remove chime cover

Run the bell wire from your existing or newly installed bell push through the slot in the back of the chime

Fit your chime in the chosen position using the two screws provided. (Optimal height is 6 foot from the floor, fig.1). Please see the arrow on the middle of the chime to ensure it is fitted the correct way up.

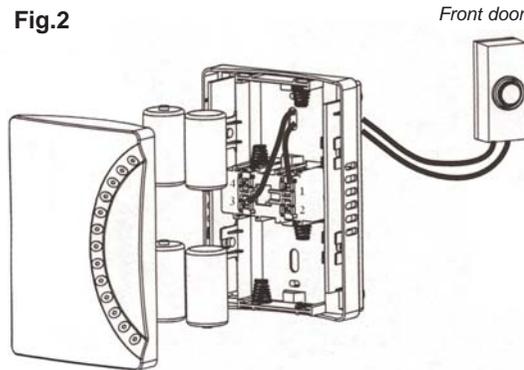
Strip the bell wire to the correct length and connect each wire separately to the terminals marked 1 & 3. (See fig.2)

Insert 4 x LR14 "4" batteries into the battery compartment, noting the polarity.

Test the chime by pressing the bell push.

Replace the chime cover. (Sound will increase with the chime cover on).

Fig.2



## Front/back door battery operation.

**Front door push**- Strip the bell wire to the correct length and connect each wire separately to the terminals marked 1 & 3.

**Back door push**- Strip the bell wire to the correct length and connect each wire separately to the terminals marked 2 & 3.

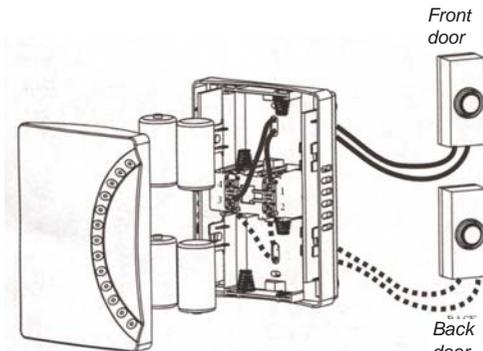


Fig.3

## Front door transformer operation.

Remove chime cover

Run the bell wire from your existing or newly installed bell push through the slot in the back of the chime

Fit your chime in the chosen position using the two screws provided. (Optimal height is 6 foot from the floor).

Please see the arrow on the middle of the chime to ensure it is fitted the correct way up.

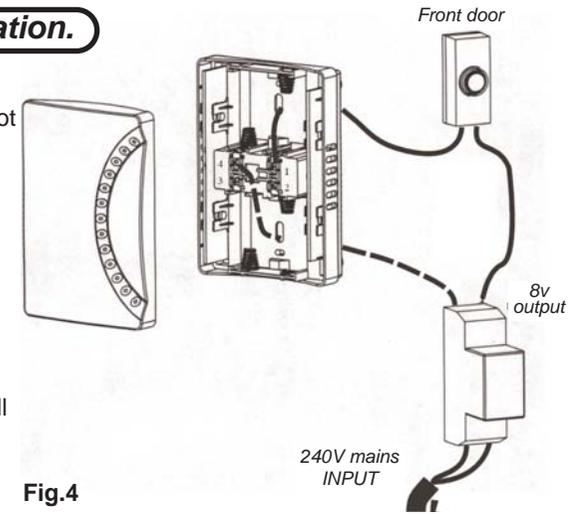
Strip the bell wire from the transformer to the correct length and connect one end to the bell push & the other end to terminal 4 in the chime (See fig.4)

Now take a suitable length of single bell wire from the other terminal in your bell push and connect to terminal 1 in your chime

Test the chime by pressing the bell push.

Replace the chime cover. (Sound will increase with the chime cover on).

Fig.4



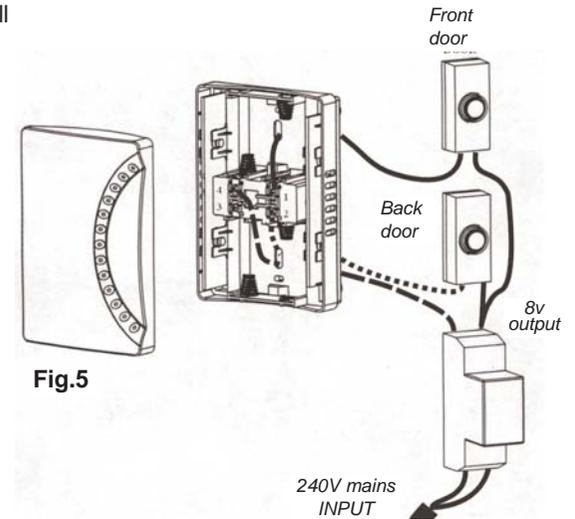
## Front/back door transformer operation.

**Transformer**- Strip bell wire to correct length and connect one wire from the transformer to terminal 4. Now take two wires from the other terminal in the transformer one connects to the front door push, the other wire to the back door push. (See fig.5)

**Front door push**- From the other terminal in your push take your bell wire and connect to terminal 1 in the chime.

**Back door push**- From the other terminal in your push take your bell wire and connect to terminal 2 in the chime.

Fig.5



## Trouble shooting

<b>No sound:</b>	Check the batteries are correctly positioned Check the wires are connected to the correct terminals Check the bell push is working
<b>Weak sounding chime:</b>	Check the battery power Check the chime is the right way up
<b>Plunger only hitting one chime bar:</b>	Check the battery power Check the wires are connected to the correct terminals
<b>Chime buzzing:</b>	Check the bell wire is not shorting out. the wire may be touching both terminals on the chime or push, causing the plunger to engage Check the clip has not punctured the cable insulation.