WIRELESS DOOR CHIME KIT INSTRUCTION MANUAL

Electro-Mechanical Striking Door Chime Contractor Kit

For model: F4P-0953CP

Please read these instructions carefully and keep for future reference
WIRED MECHANICAL DOOR CHIME KIT
INSTRUCTION MANUAL

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Door Chime Contractor Kit

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Always isolate/switch off the power before commencing any electrical work

It’s very important to install and operate this product according to the following
instructions, failure to do so may render your guarantee void.

Parts List

The door chime kit comes complete with:

- 1 x Chime
- 1 x Mechanical Push
- 5 metres of Cable
- 1 x Transformer
- 5 x Screws
- 1 x Transformer Installation Template
- 8 x Cable Clips
- 1 x Instruction Manual

Parts Identification

1. Front Cover
2. Chime Body
3. Hanging Hole
4. Cable Hole
5. Cable Outlet
6. Chime Bars
7. Plunger
8. Cable Terminals
9. Fastening Positions
Notes before Installation

1. Before installation and operation, you will require a drill, a small knife, a small hammer, a crossheaded screwdriver and a flat head screwdriver. All of these are not supplied with this kit.

2. Avoid positioning the door chime on heat sources such as radiators, or in damp areas such as a kitchen or bathroom.
Wiring Connection

Connecting the cable to the Transformer.
1. Cut off the insulation of the two lines carefully with knife at one end of the cable. This is to expose the cores of the cable.
2. Split the two lines of the cable.
3. Unscrew the cable connection terminals (+ and −) on the front of the transformer with a cross-headed screw driver.
4. Insert each line end (the exposed core part) of the cable into each cable inlet on top of the transformer, then tighten the connection terminal screws.

Connecting the cable to the Mechanical Push
Before connecting the cable to the mechanical push, it’s important to choose the installation location for the mechanical push according to the cable length. You’ll have to measure the distance from the transformer location to the mechanical push location. Then separate the cables at the push location and expose the core of the cable by cutting back the insulation from the + cable from the transformer. This exposed cable needs to be cut and the ends connected to the push cable connection terminals (14).

Unscrew the connection terminal screws, then loop the cable around the push cable connection terminal screws and then re-tighten the screws as shown.

Connecting the cable to the Chime.
1. Separate the front cover from the back cover with flat screw driver by pushing and gently prising the separation aperture at the bottom of the Chime, shown below.
2. Insert the other end of the cable into the chime via the cable hole from the back of the chime body, as shown below.
**Connecting the cable to the Chime** (continued)

3. Cut off the insulation carefully at the end of the cable, to expose the cores of the cable.

4. Split the two lines of the cable.

5. Unscrew the two cable connection terminals of the chime.

6. Put the exposed core end of the positive line (the line from the mechanical push) under the right terminal screw, and tighten the screw.

7. Put the exposed core end of the negative line (the line directly from the Transformer) under the left terminal screw, and tighten the screw.

8. Put on the front cover onto the back cover by matching the 3 fastening points on the front cover with the 3 fastening positions on the back. The separate hole should be at the bottom.

**Connect the AC power 230V to the Transformer**

1. Unscrew the connection terminals to live line and to Neutral line

2. Insert the live line end into the left cable inlet at bottom. Then tighten the connection terminal screw.

3. Insert the Neutral line end into the right cable inlet at bottom. Then tighten the connection terminal screw.

The final wiring diagram will be completed as below.

![Wiring Diagram]

Now please press the push button to test if the chime works.
Wall Mount

Chime Unit
Fix a screw (included) on the wall at your required height, using appropriate wall plugs (not provided). Be noted that you should not insert completely the screw into the wall, but keep a suitable length out of the wall surface which is to hold the Chime. Then hang the Chime by the hanging hole at the back of the Chime.

Avoid positioning on heat sources or in damp areas such as a kitchens or bathrooms.

Mechanical Push Unit
Take off the front cover from the back with a flat head screw driver by gently pushing and prizing the middle point of the gap between the front cover and back, as shown here.

Then fix the back part of the mechanical push on the wall by drilling two holes into the wall to coincide with the screw holes in the push and fasten to the wall using appropriate wall plugs (not provided) with the screws provided.

Finally put the front cover of the mechanical push back in place.

Transformer Unit
Choose an installation location for the Transformer. Stick the installation template on the wall/surface.

Using the template, drill two holes, and fix two screws into the wall, using appropriate wall plugs (not provided). Keep a suitable length of the screws out of the wall surface to hang the Transformer on.

Finally, hang the Transformer unit by the two hanging holes at the back.

As an alternative, you can mount the Transformer by DIN rail. The back of the transformer is available for DIN rail mounting.

Please Note: a suitable enclosure is required for DIN rail mounting (not supplied).
Fix the cable on the wall
Next fix the cable with the clips (included) as required, using a suitable small hammer.

Specification

**Chime Unit:**
Power Supply: 8V 1A
Sound Volume: 70dB within 0.5 metres
Sound Type: Authentic door bell sound DING-DONG (different from a sound from an electronic door chime)
Dimensions: 133.5 x 102 x 42mm
Chime Case Material: ABS

**Mechanical Push Unit:**
Current: 1A
Output Voltage: 8V
Dimensions: 55 x 24.5 x 17mm

**Transformer Unit:**
Current: 1A
Output Voltage: 8V
Mounting: Can be either wall or DIN rail mounted
Dimensions: 94.5 x 68 x 36.3mm

Important
1. The Chime and Transformer are designed for indoor use only,
2. Do not mount the Chime on heat sources or in damp areas such as a kitchens or bathrooms.
3. Do not expose the Chime and Transformer directly to rain or immerse in water.
4. Do not mount the Chime and Transformer close to fireplace or expose to high temperatures.

User Hints
If the Chime does not sound, please check the following:
- Check the cable connection terminals to see if the cable core ends are correctly held and secure by the screw terminals - tighten the screw if not secure
- Check the cable connection with both the mechanical push and transformer

**IMPORTANT: PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE**