

Byron PIR (Passive Infra-red) Sensor Transmitter - model:803

The 803 insert space PIR Sensor Transmitter is designed to work with the Nemesis doorchime/ alarm unit, and no wiring is required. The PIR Sensor Transmitter detects the movement of heat within an area of 10 metres by 110 degree.

BATTERY INSTALLATION

1. Remove the locking screw and slide open the battery compartment cover at the rear of PIR Transmitter.
2. Insert 1 x 9 volt alkaline battery, and ensuring the battery polarity match the internal markings.
3. Replace the battery compartment cover and screw, then it is ready to use.

OPERATION

Once movement has activated the sensor, the LED will light up, Green. It sends a wireless signal to the Door Chime/Alarm that activates either the chime or the alarm. The operating range is up to 30 metres (100 ft. approx.), it can work with the Door Chime/Alarm unit virtually anywhere in the home, workshop, or office.

INSTALLATION

1. Fix the bracket to the wall in the required position using the screws provided. For best coverage, the PIR Sensor Transmitter should be placed at least 2 metres above floor level.
2. Once the required detection angle has been chosen, tighten the locking screw so that the unit is held at the correct angle.
3. Slide the PIR Sensor Transmitter onto the bracket by the slots at the back.
4. Test to ensure the PIR Sensor Transmitter is located within the operation range before final installation.

CHANNEL SET UP

The PIR Sensor Transmitter is pre-set. During installation, ensure that it is set to the same code as the Door Chime/Alarm unit.

1. Remove the battery compartment cover at the rear of PIR Sensor transmitter.
2. There is a 4-positions dipswitch in Red colour, which is located on the top left of battery compartment. Selecting the switch "ON" or "OFF", which can be altered to achieve a total of 16 possible channels. Ensure it is set to the same code as Door Chime/Alarm.
3. Test to ensure correct operation before final installation.

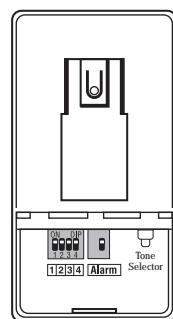
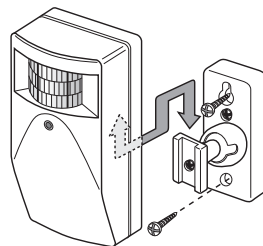
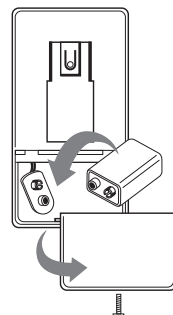
DOOR CHIME AND HOME ALARM OPERATION

PIR Transmitter can be selected to activate either Door Chime or Home Alarm function.

DOOR CHIME FUNCTION

PIR Sensor Transmitter is pre-set to activate the Door Chime function, if it is the function that you want, then no change is required. When you use the Door Chime function, there is total 8 different melodies that can be selected as a Chime sound.

The melody selector is located inside the top right of the battery compartment, simply press it to select the melody. The PIR Transmitter is pre-set to "Westminster" therefore, if no change is required, it should not be adjusted. Replace the battery compartment cover and screw, once melody is selected.



- 1) Westminster Chime (8 notes)
- 2) Ding-Dong (2-times)
- 3) Telephone Ring
- 4) Circus theme
- 5) Banjo on my knee
- 6) Twinkle, Twinkle
- 7) It's a small world
- 8) Dog Barking

HOME ALARM FUNCTION

It can work with the Home Security Alarm function that built in the Door Chime/Alarm and External Siren units. In order to activate the alarm function on the Door Chime/Alarm unit, you need to use the Remote Control unit to arm and disarm the Door Chime/Alarm Unit, follows instruction below.

- a) Remove the battery compartment cover at the rear of the PIR Sensor Transmitter.
- b) There is 1 dipswitch in Blue, which is located at top centre of the battery compartment. By switching this small switch to "ON" position, it will switch "ON" alarm function on the PIR Sensor Transmitter and send the relevant wireless signal to the Door Chime/Alarm unit, at the same time Door Chime function will be switched "OFF".

Important note: If Door Chime/Alarm unit has not been armed by remote control (read follow instruction), alarm function will not be performed even though PIR Sensor Transmitter is switched to alarm function.

ARM & DISARM THE DOOR CHIME/ALARM UNIT

Simply press the remote control unit once, the Door Chime/Alarm unit will beep once and the Green LED will illuminate for approximately 30 seconds to indicate the unit is armed. Thirty seconds after you have left the protected zone, the Green LED will extinguish and the unit will become fully armed. When each secured door/window is opened and detected by Magnetic Switch Transmitter, or any movement detected by PIR Sensor Transmitter, the LED light on these transmitters will light up for about 2 seconds, and the Door Chime/Alarm or External Siren unit will beep once to indicate that you have 8 seconds in which to disarm the unit. To disarm, simply press the remote control unit once, the Door Chime/Alarm unit will emit a double beep to indicate that it is now disarmed. If the Door Chime/Alarm unit is not disarmed within the 8 seconds, the unit will emit a loud alarm sound for 45 seconds to alert the occupants of the house to an intruder. To disarm the unit under these circumstances, simply press the remote control unit once, the Door Chime/Alarm unit will emit a double beep to indicate that it is now disarmed.

LOW BATTERY INDICATOR

LED indicator on the PIR Sensor Transmitter will light up in RED colour as a warning that the batteries are running low to the point that they need to be replaced. Replace the battery within 1-2 days.

IMPORTANT

1. Do not mount the PIR Sensor Transmitter onto any metal surface.
2. Do not expose the Sensor Transmitter directly to rain or immerse in water.
3. Do not expose either unit to high temperatures or close to fireplace.
4. Do not use rechargeable battery.
5. Always use Alkaline battery as it will give longer service and less likely to leak.
6. Indoor use only.
7. Please dispose off the used battery properly.

SPECIFICATION

Power	: 1 x 9 volt (PP3) battery (not included)
Detection Angle	: 110 degree (horizontal), 30 degree (vertical)
Detection Coverage	: 10 metres
Operating Temperature	: -10°C to +35°C
Operating Distance	: 30 metres (100 feet)
Selectable Melodies	: 8 melodies
Selectable Channel	: Total sixteen (16 possible coded frequency)