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## OPERATING INSTRUCTIONS

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# MIP™ System Plug-In Signal Booster



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**MODEL: B7890**

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If you have any queries about this product, there are three ways to contact our customer service department:

 **08454 81 8808**

 **customerservice@lloytron.com**

 **www.lloytronhelpdesk.com**

To find more details on a wide range of Lloytron products please visit our website at [www.lloytron.com](http://www.lloytron.com)  
Lloytron plc, Laltex House, Leigh Commerce Park, Greenfold Way, Leigh, Lancashire, WN7 3XH. England, U.K

# thank you

Thank you for the purchase of this quality **LLOYTRON** product. Used carefully and in accordance with the instructions enclosed, it should give you trouble free service over a long period of time. Please keep these instructions for future reference.

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## FEATURES

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- Mains Plug-in signal booster and door chime
- Increases MIP™ range by an extra 150m (unobstructed)
- 32 selectable melodies
- Chime selection function
- Chime replay function
- Variable volume control
- Flashing Strobe
- Audio/Strobe on/off switch

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## SPECIFICATIONS

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- Operating Voltage: 220-240v~50Hz

Receiver Operating Temperature: 5°C - 23°C

**Note:** Do not operate at temperatures above or below this range. Failure to comply can cause damage to the product.

Chime Sounds:

1-6	Tubular Bells
7-11	Ding Dong
12	Westminster Hour Strike
13-15	Westminster Chimes
16	Whittington Chimes
17	St Michaels Chimes
18	Bells of St Clements
19-20	Buzzers
21-25	Festive, inc Happy Birthday, Halloween & Christmas
26-31	Sound Effects, inc Dog Bark, Door Knock & Air Raid Siren
32	Security – Stop Thief

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## IMPORTANT SAFEGUARDS AND PRECAUTIONS

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### SAVE THESE INSTRUCTIONS

- Read all instructions carefully
- For Household Use only. Not intended for commercial use.
- The Receiver is for use indoors.
- To prevent against the risk of electric shock, do not submerge any part of this appliance in water.
- This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance, by a person responsible for their safety.
- Keep away from hot surfaces
- Children should be supervised to ensure they do not play with this appliance.
- Cleaning and user maintenance shall not be made by children.

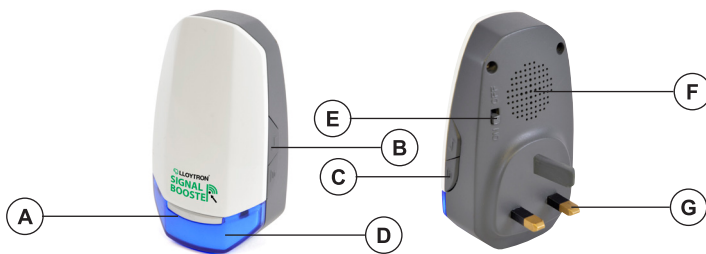


- Never let children push anything into holes or slots in the cabinet or casing – this could result in an electric shock.
- Before plugging into a mains socket, check whether supply line voltage and current rating are in compliance with the rating electrical parameters shown on the rating label.
- Should you find the sensitivity or quality of sound deteriorating, replace all old batteries with new ones as soon as possible. The use of long life alkaline batteries is recommended.
- Dispose of used batteries carefully and in accordance with local government guidelines.

### ⊘ DO NOT

- Do not use outside or in damp conditions.
- Do not submerge any part of this appliance in water.
- Do not use rechargeable batteries.
- Do not mix old and new batteries, different types of batteries, alkaline or rechargeable batteries with different capacity together.
- Do not use for any purposes other than the intended use.
- Do not use if damaged in any way.

## LOCATION OF CONTROLS



### A – Chime Replay Button

Pressing this button will play the current chime selection. Pressing it again will repeat the melody from the beginning. This button is also used for programming to receivers.

### B – Chime Selection Button

Press this button repeatedly to cycle through the 32 melodies to find a suitable chime. This button is also used for programming to transmitters.

### C – Variable Volume Control

Press this button repeatedly to cycle through 4 volume settings.

### D – Flashing Strobe

This product features a small flashing strobe to provide a visual cue when the transmitter has been activated.

### E – Audio/Strobe On/Off Switch

If the product is only being used to boost the signal then switch this to 'off' to mute the audio/strobe. If the product is also being used as an extra door chime, switch this to 'on' to enable the audio and strobe.

### F – Speaker

The speaker outputs the audio when the bell push has been activated.

### G – Mains Plug

Connect the signal booster to a suitable 220-240v~50Hz mains power supply to operate the unit.



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# MIP™ SYSTEM

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This Door Chime can automatically learn the frequency of other MiP™ System modules including additional Bell Push transmitters and Door Chime receivers. This is useful if you wish to use more than one Bell Push or Door Chime or require a replacement for either.

This MIP Door Chime kit is already pre-programmed for use straight out of the packaging. Remember to remove the battery tag inside the Bell Push transmitter before use.

In the unlikely event that this kit does not operate, follow the Factory Resetting and Reprogramming instructions that are shown later in this manual.

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## OPERATION

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It is very simple to programme the signal booster to your existing MIP™ System, without having to fully reset the system. There are 2 simple steps:

**1** PROGRAMME the signal booster to the door chime receiver.

**2** PROGRAMME the bell push transmitter to the signal booster.

If you have multiple receivers and transmitters within your MIP™ system then you will need to perform this for each individual unit.

You can also add multiple signal boosters to your MIP™ System to extend the signal even further.

### ■ HOW TO PROGRAMME THE SIGNAL BOOSTER TO THE DOOR CHIME RECEIVER



**1** LOCATE the door chime Receiver that you wish to connect the signal booster to.



**2** On each receiver, PRESS and HOLD the chime selection button for **10 SECONDS**. An audible beep will be heard. The receiver is now in a waiting mode.





**3** **PRESS** the chime replay button on the signal booster. An audible beep will be heard again on the door chime receiver. The signal booster is now being programmed to the door chime receiver.

**4** To exit the programming mode, **PRESS** the chime selection button again or **WAIT** a further **10 SECONDS** until a beep beep is heard and the programming is finished. You are now linked!

## ■ HOW TO PROGRAMME THE SIGNAL BOOSTER TO THE BELL PUSH TRANSMITTER



**1** **PRESS** and **HOLD** the chime selection button on the signal booster for 10 seconds until an audible beep beep is heard. The signal booster is now in waiting mode.



**2** **PRESS** the bell push. An audible single beep will be heard again from the receiver. The receiver is now being programmed.



**3** To exit the programming mode, **PRESS** the chime selection button again or **WAIT** a further **10 SECONDS** until a beep beep is heard and the programming is finished. You are now linked!

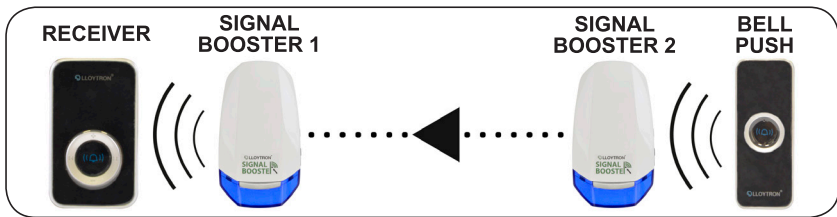
## ■ HOW TO PROGRAMME THE SIGNAL BOOSTER TO ANOTHER SIGNAL BOOSTER

It is possible to extend the MIP™ network range even further by programming additional signal boosters. For each additional signal booster, the network range is extended by a further 150m (unobstructed).

When performing this stage, we suggest resetting all of the receivers within your MIP™ system to the factory default settings. See 'reset to factory default settings' section for details.



- 1** PROGRAMME the **1ST SIGNAL BOOSTER** to the door chime receiver, as previously advised.
- 2** PRESS and HOLD the chime selection button on the **1ST SIGNAL BOOSTER** until you hear a beep.
- 3** PRESS the chime selection button on the **2ND SIGNAL BOOSTER** to programme it to the **1ST SIGNAL BOOSTER**. The **1ST SIGNAL BOOSTER** will beep to signal the connection. WAIT for a further 10 seconds in which the 1st signal booster will beep twice. The programming is now **COMPLETE**.
- 4** PROGRAMME the bell push transmitter to the **2ND SIGNAL BOOSTER**, as previously advised.



**Note:** each door chime receiver & signal booster must be programmed to each bell push individually. Any factory resets must also be done individually.

Up to 12 devices can be programmed together at any one time.

**Note:** This is only compatible with products highlighting the MIP™ system.

## ■ AUDIO/STROBE ON/OFF SWITCH

toggling this switch to 'off' allows users to use it simply to boost the signal distance and disables the audio and the strobe. Toggling back to 'on' enables the audio and the strobe, allowing the Signal Booster to also be used as an extra Door Chime Receiver.

## ■ CHIME SELECTION

Press the chime selection button repeatedly to cycle through the 32 different melodies. Once you have found a setting that you are happy with, simply leave it on that melody until it has stopped playing. The signal booster will play that melody each time the bell push is activated.

## ■ VARIABLE VOLUME CONTROL

Press the volume button repeatedly to cycle through the 4 volume settings. Once you have found a volume setting that you are happy with, simply leave it at the volume. The signal booster will play the chosen melody at this volume level each time the bell push is activated.

### ⚠ CAUTION

Listening at high volume for long periods of time could damage user's ears.

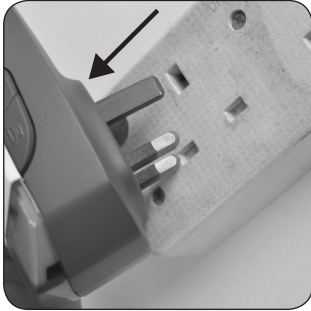
**Note:** The battery can be used for one year. If the chime sounds distorted or faint, replace the old batteries with fresh ones.



**IMPORTANT** - This wireless Door chime has an operating distance of 150 metres, but local conditions and the number of walls may affect this. Metal door frames and other factors that interfere with the signal will reduce the operating distance. To extend this distance by another 150 meters use model B7890WH Signal Booster.

### ■ RESET TO FACTORY DEFAULT SETTINGS

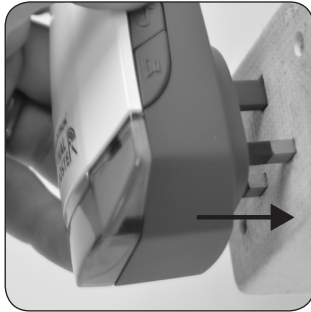
This may be required in certain circumstances such as incorrect programming of accessories or if faulty. There is no need to reset to factory default at any other time.



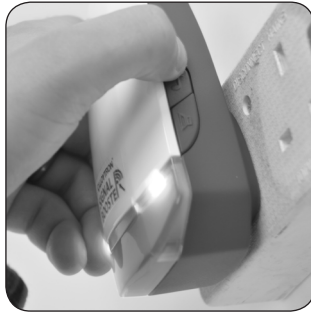
**1 SWITCH** the power off by **REMOVING** the Receiver from the mains supply.



**2 PRESS** and **HOLD** the Chime selection Button.



**3 STILL HOLDING** the Chime Selection Button, **SWITCH** the power back on by **INSERTING** the plug into the mains supply.



**4 CONTINUE** to **HOLD** the Chime Selection Button for **10 SECONDS**, after which the strobe will flash or an audible beep will sound, indicating that the memory is now clear and ready for programming.

To re-programme the MIP™ system, please continue to the 'How to Programme' section.

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## TROUBLE SHOOTING

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If the Receiver automatically sounds, reset to factory default setting and then re-programme.



# CLEANING AND CARE

Wipe with a clean soft cloth only. Do not wash with detergent or use any form of solvent.

# WEEE/ENVIRONMENTAL PROTECTION



## DISPOSAL OF ELECTRICAL AND ELECTRONIC EQUIPMENT

Do not dispose of this product with household waste. For the proper treatment, recovery and recycling please take this product to the appropriate waste collection point. If you are unsure where this may be, please contact your local authority. Improper disposal may be harmful to the environment.

# MIP™ ACCESSORIES AVAILABLE

## TRANSMITTERS



MODEL NO. B7801BK/WH.  
BELL PUSH IN BLACK OR WHITE.  
IDEAL FOR THOSE ADDITIONAL DOORS.

## RECEIVERS



MODEL NO. B7951BK/WH.  
MAINS PLUG-IN 32 MELODY DOOR  
CHIME IN BLACK AND WHITE.  
ADDITIONAL PLUG-IN DOOR CHIME.

MODEL NO. B7810WH.

BELL PUSH IN BLACK OR WHITE.

FOR GARAGES, HALLWAYS, DRIVEWAYS  
OR RETAIL SHOPS.



MODEL NO. B7902WH.

BATTERY OPERATED 32 MELODY  
DOOR CHIME.

FOR PORTABILITY AROUND THE HOME.



MODEL NO. B7811WH.  
MAGNETIC DOOR SENSOR.  
FOR CONSERVATORY DOORS, VESTIBULE  
DOORS OR RETAIL SHOPS.

MODEL NO. B7890.  
MAINS PLUG-IN SIGNAL BOOSTER.  
EXTENDS RANGE BY ADDITIONAL 150M,  
PERFECT FOR LARGER PROPERTIES.



LOOK OUT FOR MORE ACCESSORIES.  
ALL MIP™ SYSTEM PRODUCTS ARE FULLY COMPATIBLE WITH EACH OTHER!



# LLOYTRON® CUSTOMER SERVICES

If you have any queries about this product, there are three ways to contact our customer service department:

 **08454 81 8808**

 **customerservice@lloytron.com**

 **www.lloytronhelpdesk.com**

To find more details on a wide range of MIP products please visit our website at [www.mip-doorchimes.co.uk](http://www.mip-doorchimes.co.uk)  
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