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# Flashing doorbell with vibrating pager (DH417)

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Please retain these instructions for future reference. These instructions are also available in other formats.

## Special warning

**Please note:** Sighted assistance may be required for some of the initial set up.

There is a battery tab that must be removed from the bell push. This will activate the battery. Two AAA batteries are required for the pager (not included).

## General description

This doorbell is designed to raise awareness of the doorbell for multiple sensory impairments, including sight and hearing. Comprising of a flashing, mains powered chime unit, portable vibrating pager and water resistant bell push, you can be made aware of the doorbell via vibration, through amplified sound or through flashing.

With no wiring, the system is easy to install and has a range of up to 250 metres (820 feet). You can choose from four volume levels and one of 52 melodies.

## Items supplied

* Chime unit with integral three pin plug.
* Portable vibrating pager (includes integral belt clip).
* Bell push (23A 12V battery pre-inserted).
* 3M padded sticker (for doorbell).
* Two wall plugs and screws.

## Orientation

### Chime unit

The back of the chime unit has a standard UK three pin plug. Below the plug is a grilled section; this is the speaker. Turn the unit around so the grilled section is towards the base. On the front of the chime unit, there is a ridged section surrounding a round smooth section in the middle. This is the LED section that creates the flash alert. On the left hand side of the unit, are two buttons. The top button changes the volume. The bottom button changes the melody.

### Portable vibrating pager

Large, rectangle shape with curved top and bottom edges. Position so the smoothest face is facing you with a ridged switch on the left hand edge near the top. This switch turns the pager on and off. Slide the switch upwards to turn on, and down to turn off. On the front face near the top is a slightly raised LED indicator. Below this is a flush speaker grill.

Turn the unit over and you will notice the belt clip. Below the clip is the battery compartment cover. Press the pressure point directly below the clip (slightly ridged section) and slide away from the clip to remove this.

The belt clip, if required, can be removed by firmly sliding the clip down the length of the pager, towards the battery cover. Underneath the clip are two recessed buttons; these are designed to be pressed infrequently. The one nearest the top changes the volume and the lower button changes the melody. To replace the belt clip, fit the two prongs into the cut-out sections and pressing down, slide up.

### Bell push

The front of the unit is smooth with a round section above centre. The round section is surrounded by an LED ring to inform the person pressing the button, that it has been pressed. The round section in the middle is slightly dipped; this is the button. On the top edge is a cut out; insert a small, flat head screw driver into the cut out and lever the front of the doorbell away from the back to access the battery.

On the back of the unit are two round, tactile sections towards the top. If you open the unit as above, there are two mounting holes; one near the top and one behind the battery. Sighted assistance is required.

## Using the product

### Before installation

The wireless range of this product is 250-300 metres in an open area. This range will be reduced by building structures and furniture.

A common range in a typical home could be 30-150 metres. Optimal performance can be achieved by choosing shorter, straight line distances between the bell push and receivers.

Avoid placing receivers close to induction cookers, televisions, speakers or strong magnets which may cause interference.

Always check a suitable range exists before mounting any equipment.

### Installation methods

Your doorbell and pager are already paired to the bell push. To add additional chime units or pagers, please follow the pairing procedure.

### Chime unit

Simply plug the chime unit into a suitable mains socket and switch the socket on.

### Vibrating pager

Remove the battery cover on the rear as per the orientation. Insert the batteries so that the flat ends are each against a spring. Replace the battery cover by inserting the tab into the edge underneath the belt clip. Push the cover into this so that it lies flush with the back of the unit. Slide the power switch on the side of up into the “on” position.

### Bell push

Remove the small, white battery tab and check a suitable range exists before mounting the bell push. The bell push should ideally be mounted in an area protected from extremes of weather.

Mounting using the provided (preferred): Remove the cover of the bell push using a small, flat head screw driver and remove the battery. Locate the two mounting holes and use these as a template to mark the mounting surface.

Drill two holes in the marked position and mount the bell push using the screws and wall plugs provided. Replace the battery in the bell push and re-attach the cover observing the correct orientation.

Alternatively, you can mount using the adhesive pad. Thoroughly clean the area for installation; remove the paper off from one side of the adhesive pad and affix to the back of the bell push. Now remove the paper from the exposed side of the adhesive pad. Firmly push the bell push against the area for installation and hold for 10 seconds.

## Operating instructions

### Adjusting the volume

The volume control is the upper button on the left side of the chime unit and the upper button on the rear of the vibrating pager (under the belt clip). Press the button to switch between the four volume levels. You will need a pencil to press the button behind the belt clip.

### Selecting the melody

**Important: Sighted assistance may be required.**

Choose your melody by pressing the melody button on the left side of the chime unit. Once you have chosen your preferred melody press and hold the volume button on the side of the chime unit. You will hear a dull beep. With the volume button still pressed, press the melody button followed by the bell push. Your melody will now be set for the chime unit.

Once complete, do the same for the pager by removing the belt clip from the back to reveal the recessed volume button and melody button. Follow the same procedure as above using one pencil to press each button (two pencils will be required).

### Pairing the bell push and chime/pager

According to which item you wish to pair, push and hold the volume control on either the chime unit or vibrating pager for five seconds until the light/LED begins to flash. The volume control is the upper button on the left side of the chime unit and the upper button on the rear of the vibrating pager (under the belt clip).

Trigger each bell push you wish to pair in sequence. After each push the receiver will chime to confirm the pairing.

To confirm the setting, push and hold the volume control on either the chime unit or vibrating pager for five seconds.

The above procedure can be used to add a number of chime units, vibrating pagers of bell pushes.

To clear all settings, push and hold the melody control for five seconds. The unit will pair with the next bell push activated and will set the default “ding dong” melody.

## Technical specification

### Flash receiver

Voltage: AC 110V / 220V

Operating temperature: -15 degrees Celsius -55 degrees Celsius

### Vibrating receiver

Voltage: 3V DC power (Two AAA batteries)

Operating temperature: -15 degrees Celsius -55 degrees Celsius

### Transmitter (bell push)

Voltage: 12V 23A (Alkaline battery)

Operating temperature: -20 degrees Celsius -65 degrees Celsius

### All components

Transmission distance: 250 metres open air

Operating frequency – 433.92MHz ± 200KHz

Volume: 65 – 110dB

Power consumption: 0.1W

## How to contact RNIB

Phone: 0303 123 9999

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Address: RNIB, Midgate House, Midgate, Peterborough PE1 1TN

Online Shop: shop.rnib.org.uk

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For all returns and repairs contact RNIB first to get a returns authorisation number to help us deal efficiently with your product return.

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### Why recycle?

Unwanted electrical equipment is the UK’s fastest growing type of waste.

Many electrical items can be repaired or recycled, saving natural resources and the environment. If you do not recycle, electrical equipment will end up in landfill where hazardous substances will leak out and cause soil and water contamination – harming wildlife and human health.

RNIB are proud to support your local authority in providing local recycling facilities for electrical equipment.

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### What is WEEE?

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### How are we helping?

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