Honeywell

Wireless Converter/Extender/Bell Push

Convertisseur / Module d'expansion / Sonnette sans fil

Convertidor/extensor/pulsador inalámbrico

This is a legacy product document supported by Resideo. It is no longer manufactured

WIRELESS · sans fil · inalámbrico

COMPATIBILITY · compatibilité · compatibilidad

RPWL3045A

Instruction Manual

RPWL3045A Wireless Converter / Extender / Bell Push

What is included

- Converter / Extender / Bell Push
- CR2032 battery
- Mounting hardware
- Bell wire (for use with a wired push)

Safety

Always follow the manufacturer's advice when using power tools and wear suitable protective equipment (e.g. safety goggles) when drilling holes etc. Before drilling holes in walls, check for hidden electricity cables and water pipes, the use of a cable/pipe locator may be advisable if in doubt.

Open the bell push/converter

Using a ball point pen press at point A shown in fig 1. Remove the cover. Undo the retaining screw B and remove the back of the push.

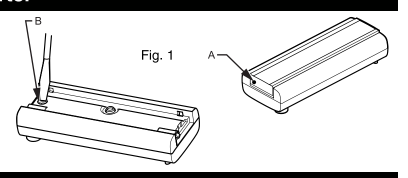


Fig. 1

To install the push/converter battery

Insert the CR2032 coin cell. Ensure the face marked '+' is uppermost (Fig. 2).

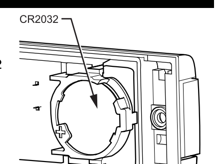


Fig. 2

Bell push/converter functions

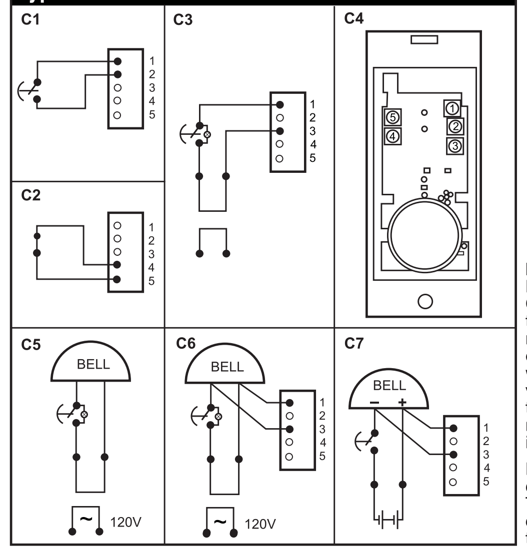
The bell push in this kit can be used as a stand-alone wirefree push. Additionally, it can be used to interface with an existing wired doorbell system or any of the following:

- A standard wired bell push
- A lit bell push and transformer
- A door or window contact
- Any device with N/O or N/C, voltage free contacts
- Any device which generates appropriate control signals < 24V (AC or DC) See typical connections (C1-7)

Important Note: Additional wiring can be brought into the push through the grommet in the back of the push. Once the grommet has been pierced or removed, we recommend that the push is mounted indoors.

Diagram	Application	Operation
C1	wired bell push or 'normally open' switch/contacts	when switch is closed, chime will sound
C2	door/window contact, 'normally closed' switch/contacts	when switch is opened, chime will make a fixed 'ALERT' sound
C3	a lit push (with transformer) when switch is closed, chime will sound	when switch is closed, chime will sound
C4	landscape push/converter - terminal positions	
C5	a typical wired bell or chime circuit - transformer powered	
C6	converter connected to a wired bell or chime -transformer powered	when push is operated, chime will sound
C7	converter connected to a wired bell or chime circuit - battery powered	when push is operated, chime will sound

Typical Connection



IMPORTANT
For C7 connection: Connect converter terminal 3 to the negative (–) terminal of the batteries in the wired chime and converter terminal 1 to the positive (+) terminal of the batteries in the wired chime.

For C5 and C6 connections: Turn off power before connecting converter to transformer.

Mounting the bell push/converter

Mount using either the double- sided adhesive pad or the screws provided (see Fig 3). Test your push before mounting. Avoid mounting on metal structures.

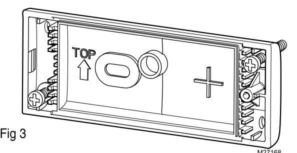


Fig 3

Specification	Bell Push
Operating Temperature	14°F to 104°F (-10 to 40°C)
RF Frequency- US/Canada	916.8 MHz
RF Power	< 1 mW
Battery Type	CR2032
Battery Life (5 activations/day)	18 months
Rainproof	Pass UL rain test
Maximum input voltage (T1-T5)	24 VAC/DC

Troubleshooting

A 'beep' sound is heard in learn mode…
- The push you are programming has already been learned by the chime.
- If you want to change the icon associated with the push, use the unlearn procedure, then program the push again.

Two 'beep' sounds are heard after the normal chime sound…
- This indicates a low battery in the bell push that activated the chime. Fit a new battery, type CR2032.

When the bell push is operated, the amber feedback light does not turn on, or is only on for a short time…
- In normal operation, the amber light will turn on for 1 second. When the battery is weak, the light will only turn on for a short time. Fit a new battery, type CR2032.

The chime sounds "beep" instead of playing the CD tunes when bell push is pressed...
- Press the tunes button, the chime will play the CD tunes. Press the bell push, the chime will now play the CD tunes or unlearn the channel and then reprogram again. The chime will play the CD tunes when the bell push is pressed.

Two beep sounds are heard after the normal chime sound…
- This indicates a low battery in the bell push that activated the chime. Fit a new battery, type CR2032.

When the bell push is operated, the amber feedback light does not turn on, or is only on for a short time…
- In normal operation, the amber light will turn on for 1 second. When the battery is weak, the light will only turn on for a short time. Fit a new battery, type CR2032.

Troubleshooting

The chime does not work...
- Check that the batteries are the correct type. Only use alkaline batteries.
- Check that the batteries are fitted correctly.
- The chime could be out of range of the bell push. Try the chime in a different location.
- The chime might not have learned the identity of the bell push. Follow the programming procedure.

The chime does not sound...
- Check that the volume control is not at the minimum setting.

Range is reduced...
- Metal structures, including uPVC door frames, can reduce the range of the product. Avoid mounting the push or chime on or near metal structures.
- Other equipment can cause radio interference that affects your chime.
- Walls and ceilings will reduce the range.
- Weak batteries will reduce range. Replace every 12-18 months. In cold conditions (below 41°F (5°C)), batteries may need to be replaced more often.

Amber light flashes...
- When the chime battery is low, an amber light will flash every 5 seconds. Fit new batteries in the chime. Only use alkaline batteries.

When the push converter function is used, the chime does not operate...
- Ensure that the wiring to the push is correct.
- Check that the correct terminals have been used and the screws are tightened.
- Only use accessories for product marked with E compatibility.

Guarantee

Honeywell guarantees this product for 1 year from the date of purchase. Proof of purchase is required; this does not affect your statutory rights. If you require further information about your product, call the Honeywell helpline at 1-800-468-1502.

Disposal & Recycling

Batteries and waste electrical products should not be disposed of with household waste. Please recycle where these facilities exist. Check with your local authority or retailer for recycling advice.

Declaration

Honeywell hereby declares that this product complies with Part 15 of the FCC rules and Industrial Canada standards. This device operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for regulatory compliance could void the users authority to operate the equipment.

Mode d'emploi

Convertisseur / Module d'expansion / Sonnette sans fil RPWL3045A

L'ensemble comprend :

- Convertisseur / module d'expansion / sonnette sans fil
- Pile CR2032
- Quincaillerie
- File à sonnette (pour sonnette câblée)

Sécurité

Il faut toujours respecter les conseils du fabricant au moment d'utiliser des outil électriques et porter l'équipement de protection nécessaire (p. ex. des lunettes de protection) au moment de percer des trous.

Ouvrir la sonnette/convertisseur

Avec la pointe d'un stylo, appuyer sur le point A illustré à la Fig. 1. Retirer le couvercle. Défaire la vis de retenue B et retirer l'arrière de la sonnette.

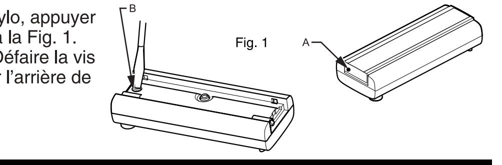


Fig. 1

Insertion de la pile de sonnette/du convertisseur

Insérez une pile bouton de type CR2032. Vérifier que la face marquée «+» est sur le dessus (Fig. 2).

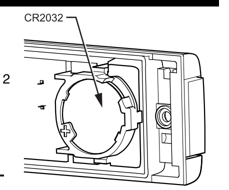


Fig. 2

Fonctions de la sonnette/du convertisseur

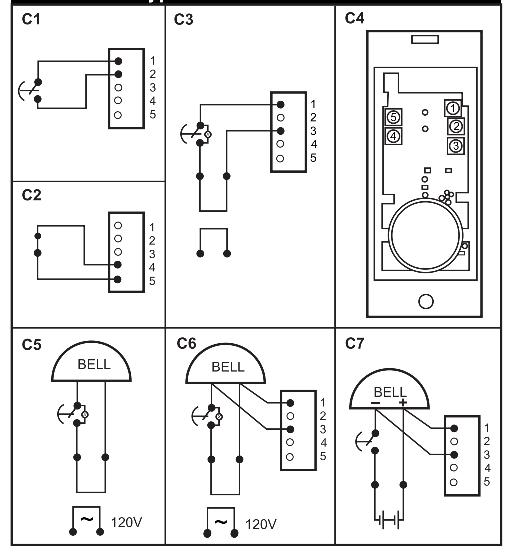
La sonnette comprise dans cet ensemble peut servir de sonnette autonome sans fil. Elle peut aussi servir d'interface entre un système de carillon de porte câblée existant ou l'un ou l'autre des articles ci-dessous :

- Sonnette ordinaire câblée
- Sonnette lumineuse et transformateur
- Contact de porte ou de fenêtre
- Tout appareil à contacts N.O. ou N.F. à tension nulle
- Tout appareil qui produit un signal de commande approprié < 24 V (c.a. ou c.c.). Voir les connexions types (C1-7).

Remarque importante : Tout câblage additionnel peut être amené à la sonnette par l'oeillet situé à l'arrière de la sonnette. Une fois cet oeillet percé ou retiré, nous recommandons que la sonnette soit installée à l'extérieur.

Diagramm	Application	Fonctionnement
C1	Sonnette câblée ou contacts normalement ouverts	Lorsque le contact est fermé, le carillon se fait entendre
C2	Contact de porte ou fenêtre, contact normalement fermé	Lorsque le contact est ouvert, le carillon fait entendre la tonalité d'alerte fixe
C3	Sonnette lumineuse avec transformateur	Lorsque le contact est fermé, le carillon se fait entendre
C4	Sonnette/convertisseur paysage-positions de bornes	
C5	Circuit type de sonnette câblée ou carillon - alimentée par transformateur	
C6	Convertisseur raccordé à une sonnette câblée ou carillon - alimenté par transformateur	Lorsqu'on appuie sur la sonnette, le carillon se fait entendre
C7	Convertisseur raccordé à une sonnette câblé ou un carillon - alimenté par piles	Lorsqu'on appuie sur la sonnette, le carillon se fait entendre

Connexions types



IMPORTANT
Connexion C7 : Raccorder la borne 3 du convertisseur à la borne négative (-) des piles du carillon câblé et la borne 1 du convertisseur à la borne positive (+) des piles du carillon câblé.

Connexions C5 et C6 : Couper l'alimentation avant de raccorder le convertisseur au transformateur.