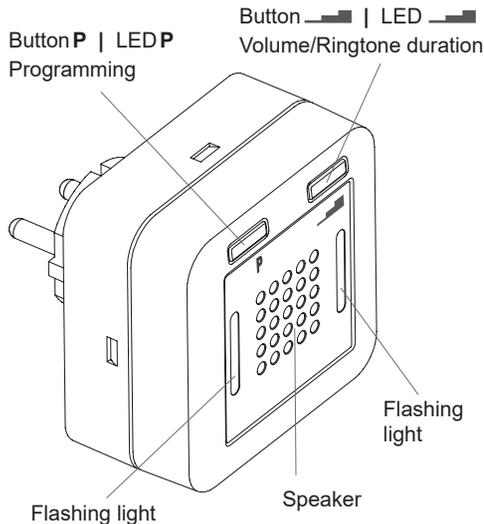


Models



RCP24E5001A01

Technical Details

| | |
|------------------------------------|---|
| Frequency: | 868.30 MHz |
| Modulation: | FSK |
| Coding: | Easywave |
| Range: | up to 150 m under favourable open field conditions |
| Power supply: | 230 VAC 50 Hz |
| Power consumption: | 0.2W Standby 1.1 W (at max. load) |
| Current consumption: | 2 mA Standby |
| Operating temperature: | -20 °C to +35 °C |
| Transport and storage temperature: | -20 °C to +75 °C |
| Max. relative air humidity: | 75% |
| Volume at a distance of 30 cm: | low: 80 dB(A) medium: 85 dB(A) high: 90 dB(A) |
| Dimensions (H/W/D): | 71.4/71.4/40 mm without plug 71.4/71.4/75.5 mm with plug |
| Weight: | 115 g |

Scope of Delivery

Plug-in radio bell RCP24, operating instructions

Intended Use

The device may only be operated indoors and only as a radio bell.
The manufacturer will not be liable for damage caused by improper or inappropriate use.

Safety Advice

- Please read these instructions carefully before using the device!
- We do not accept any liability for personal injury or damage to property caused by incorrect handling or non-observance of the safety instructions!
 - Do not open the appliance's casing!
 - Have malfunctioning devices checked by the manufacturers!
 - Do not make any unauthorized alterations or modifications to the unit!

Function

The Plug-In Radio Bell RCP24 receives Easywave transmission codes from programmed transmitters. Once the transmission button is pressed, a melody will sound and/or a light will begin to flash. A total of 32 transmission codes can be programmed into the unit.

12 multichannel melodies are available to choose from as ringtones. The melodies can be played at three volume levels (approximately 80 dB, 85 dB, and 90 dB). If the radio bell is muted (0 dB), recognized Easywave telegrams are signalled only by the flashing light.

An incoming call can also be ended early by pressing one of the two buttons on the device.

Start Up

1. Plug the radio bell into an electrically and structurally intact protective contact socket; an acknowledgement tone will sound and a light will briefly flash.
2. Transfer the transmitter coding to the radio bell (see section titled "Programming the transmitter").

Make sure that there is no interference with the wireless connection. Do not mount the device in a distribution box, metal casings or in direct proximity to large metal objects.

Programming

Programming the Transmitter

You activate the programming mode of the RCP24 by briefly pressing the **P** button multiple times.

Each press moves the selection forward by one melody, and there are twelve melodies available in total. When you hear your preferred melody, press the transmitter button you wish to program within 30 seconds to complete the programming process.

① **Select melody**

- Button P** press **once briefly** (< 1.6 s)
→ **MELODY 1** is selected
→ LED P flashes red, Melody 1 is played
- Button P** press **twice briefly** (< 1.6 s)
→ **MELODY 2** is selected
→ LED P flashes red, Melody 2 is played
- Button P** press **three times briefly** (< 1.6 s)
→ **MELODY 3** is selected
→ LED P flashes red, Melody 3 is played

↓ etc.

- Button P** press **twelve times briefly** (< 1.6 s)
→ **MELODY 12** is selected
→ LED P flashes red, Melody 12 is played

② **Programming transmission code**

Press the button on your transmitter. The melody is assigned to the transmission code and saved in the RCP24. The LED **P** lights up red for 2 seconds.
The RCP24 then switches to operating mode and the LED **P** switches off.

The programming process will be automatically cancelled if no buttons are pressed for 30 seconds. To manually cancel programming, press the **P** button briefly repeatedly until it is no longer flashing or press the button once.

Battery level monitoring

Some Easywave transmitters include battery monitoring. The RCP24 can evaluate low-battery voltage telegrams issued by these transmitters. The relevant operating instructions will tell you whether a transmitter supports this function.

Acknowledging Low Battery Voltage

If a low battery voltage message is received from a programmed transmitter, the **P** LED and LED will flash red alternately and there will be a double beep after the ringtone sounds.

If a telegram without a low battery voltage message is subsequently received from the same transmitter, this signalling stops. (Battery has apparently been changed.)

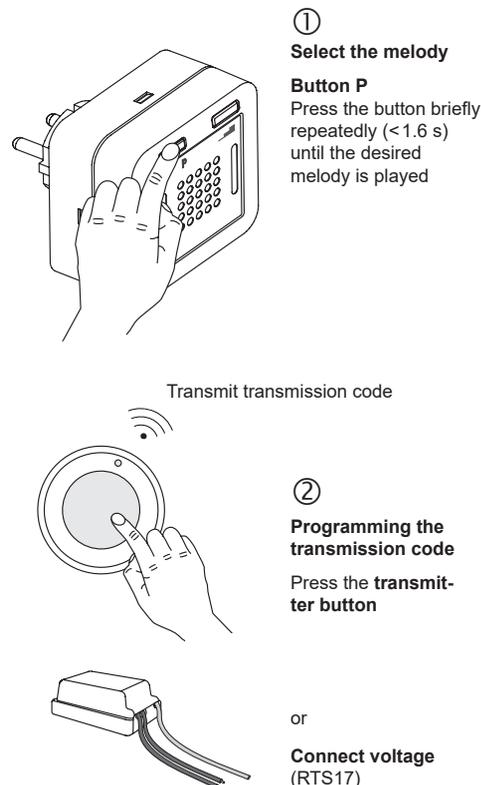
If low battery voltage telegrams have been received from several transmitters, all transmitters must send a telegram without a low battery voltage message for the signalling to automatically end.

To manually acknowledge the low battery voltage message, briefly press the **P** button or the button .

Change Melody

If you would like to change the melody of a programmed transmitter, simply re-program the transmitter into the RCP24, and choose your preferred melody.

The previous selection will be overwritten.



PROGRAMMING

Adjust Volume

To adjust the volume of the RCP24, repeatedly press the button , while the RCP24 is in operating mode.

The first time it is pressed, the most recently used melody will be played at the currently set volume. Press the button again while the melody is still being played to move forward by one volume setting:

① Select volume

Button  press **once briefly** (< 1.6 s)
→ **ACTUAL volume** is selected

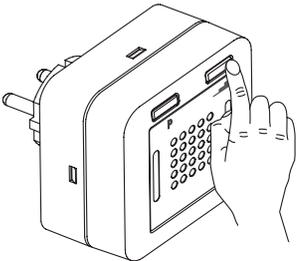
Button  press **twice briefly** (< 1.6 s)
→ **NEXT volume** is selected

Button  press **three times briefly** (< 1.6 s)
→ **OVER NEXT volume** is selected
etc.

The most recently played setting will be applied. This volume applies for all programmed transmitters.

The following volumes and volume with flashing light combinations are available:

| | |
|-----------|---|
| Volume 1: | 80 dB with flashing light (factory setting) |
| Volume 2: | 85 dB with flashing light |
| Volume 3: | 90 dB with flashing light |
| Volume 4: | only flash light, without melody (LED  lights up red continuously) |
| Volume 5: | 80 dB without flashing light |
| Volume 6: | 85 dB without flashing light |
| Volume 7: | 90 dB without flashing light |



- ① **Button ** press briefly repeatedly (< 1.6 s) until the desired volume is played.

 The decibel figures are only guidelines, the actual volume depends on the melody selected.

Set the ringtone duration

The ringtone duration can be set in the range from approx. 1 second to 60 seconds. By default, the ringing tone lasts approx. 4 seconds (depending on the selected melody).

① Start setting the ringtone duration

Button  press **once long** (> 1,6 s)
→ LED **P** and LED  light up.

② Start time measurement

Button  press **once briefly** (< 1,6 s)
→ LED  flashes slowly
→ LED **P** switches off

③ Wait for the desired ringtone duration (max. 60 seconds).

The last used melody is played at the lowest volume and the playing time is measured.

 When the maximum ringing tone duration of 60 seconds is reached, the LED  flashes quickly and the melody stops.

④ Stopping time measurement

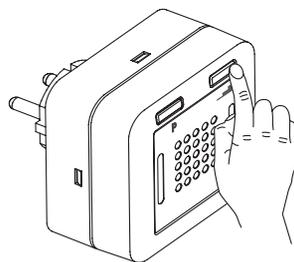
Button  press **once briefly** (< 1,6 s)
→ The **P** and LEDs light up for 2 seconds and the RCP24 switches to operational readiness. The measured time (playback time) is applied as the new ringtone duration.

The measurement of the ringtone duration stops automatically after 4 minutes without making any changes. You can also cancel the measurement manually at any time by pressing the **P** button.

The maximum ringtone duration is approx. 60 seconds. Measurements that go beyond this are truncated to this value.

 Melodies that have been started are always played to the end, so that there may be slight differences in the duration of the ringing tone depending on the melody selected.

The ringtone duration applies to all programmed transmitters.



- ① Long press **Button P** (> 1.6 s)
- ② Briefly press **Button P** (< 1.6 s)
- ③  Wait for the ringtone duration
- ④ Briefly press **Button P** (< 1.6 s)
The measured ringtone duration is saved

Delete Transmission Code

In this mode, individual transmitters can be specifically deleted from the RCP24's memory.

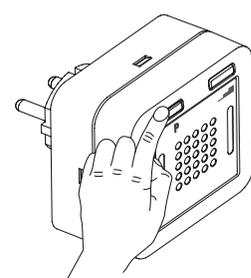
① Button P long press (> 1.6 s)

→ Delete mode active; LED **P** flashes red quickly

② Press the button on your transmitter

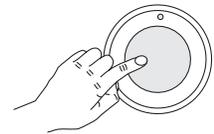
→ Transmission code deleted; LED **P** lights up red for 2 seconds. The RCP24 then switches to operating mode delete extra space and the LED **P** turns off.

The deletion process will be automatically cancelled if no buttons are pressed for 30 seconds. To manually cancel the process, press the **P** button or  button briefly.



- ① Long press **Button P** (> 1.6 s)

- ② Press **Transmitter button**



Delete all transmission codes (Reset)

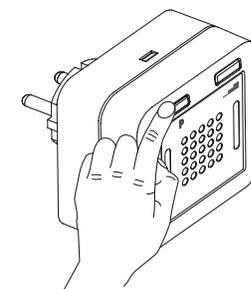
All programmed transmitters are deleted and the factory settings are restored:

① Button P long press (> 1.6 s)

→ Delete mode active; LED **P** flashes red quickly

② Button P long press (> 1.6 s)

→ Reset is carried out; LED **P** lights up red for 4 seconds. The RCP24 switches to operating mode and the LED **P** switches off.



- ① Long press **Button P** (> 1.6 s)

- ② Long press **Button P** (> 1.6 s)

GENERAL INFORMATION

Disposal

Old devices must not be disposed of with household waste!

Dispose of the waste product at a designated collection point for electronic waste or via your specialist retailer. 

Dispose of the packaging material in the recycling containers for cardboard, paper and plastics. 

Warranty

During the warranty period, we undertake to rectify free of charge by repair or replacement any product defects arising from production or material faults. Any unauthorised tampering with, or modifications to, the product shall render this warranty null and void.

Conformity

ELDAT Eas GmbH hereby declares that the radio equipment type RCP24 is in compliance with Directive 2014/53/EU and UK S.I. 2017/1206.

The full text of the EU and UK declarations of conformity can be obtained at the following internet address: www.eldat.de



Customer Service

If the device does not work properly despite proper handling or in case of damage, please contact the manufacturer or your retailer.

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