

Quick Guide

Retrofit receiver FLASH RF (2.40GHz) / DELUXE N RF / CLASSIC N RF / SMARTLINE RF

1. Introduction

It is possible to replace the handset connected by cable to the PHOENIX MECANO control unit/ double drive with an external 32-channel radio receiver FLASH RF including a hand-held remote control DELUXE N RF / CLASSIC N RF / SMARTLINE RF. The radio communication system can be used to provide trouble-free operation of several drive systems within the transmission range.

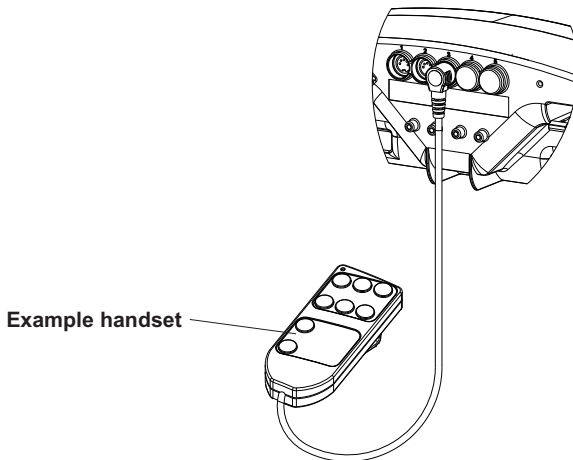
Please contact your supplier / dealer if you have any questions regarding upgrading your system from a cable-connected handset to the FLASH RF receiver.

2. Retrofitting the hand transmitter

2.1 Removing the handset

- Unplug the drive / control unit from the mains at the wall socket.
- If fitted, remove the cable strain relief of the handset cable from the control unit / double drive.
- Remove the handset plug from the corresponding handset socket.

Example: DUOMAT 8 with handset DELUXE

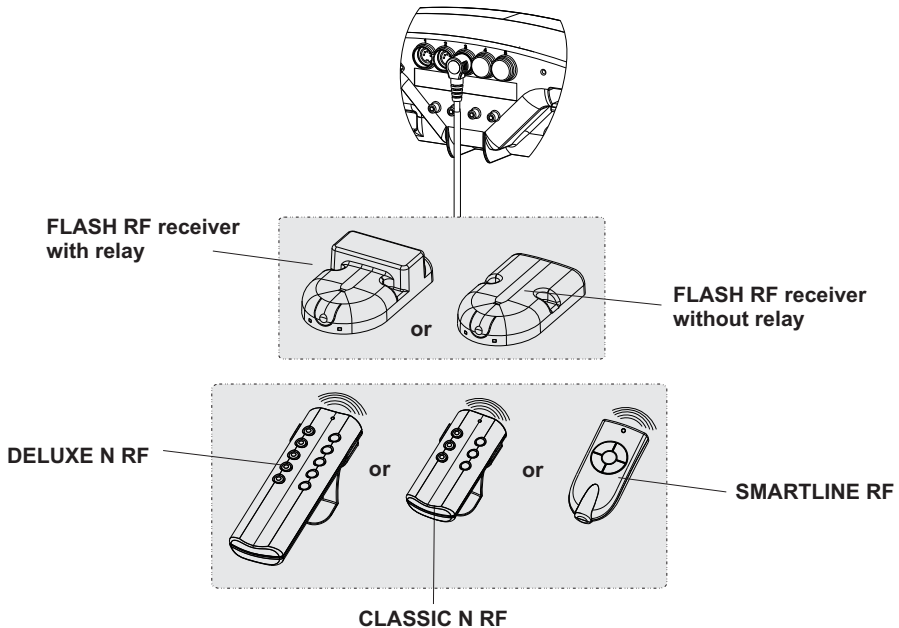


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2.2. Connecting the FLASH RF receiver

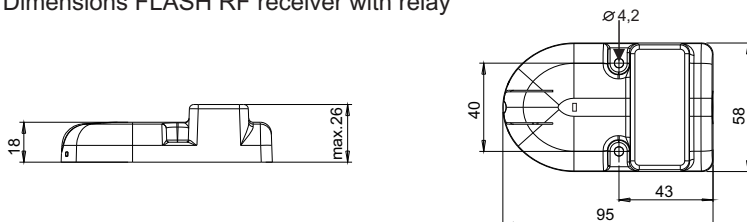
- Insert the plug of the receiver FLASH RF into the corresponding remote-control socket of the control unit / double drive (see connection diagram).
- If available, fit the cable strain relief to the control unit / double drive.
- Continue as described in "5. Operation".



2.3. Fitting the FLASH RF receiver

- Secure the FLASH RF receiver to the application using 2x screws of suitable length; min. thread engagement length: 10 mm (e.g. self-tapping screw 3.9 x 19 to ISO 7049) or adhesive strips. Ensure that the receiver is positioned flat on application.
- Do not allow the connection cable to become crushed or come into contact with sharp edges.

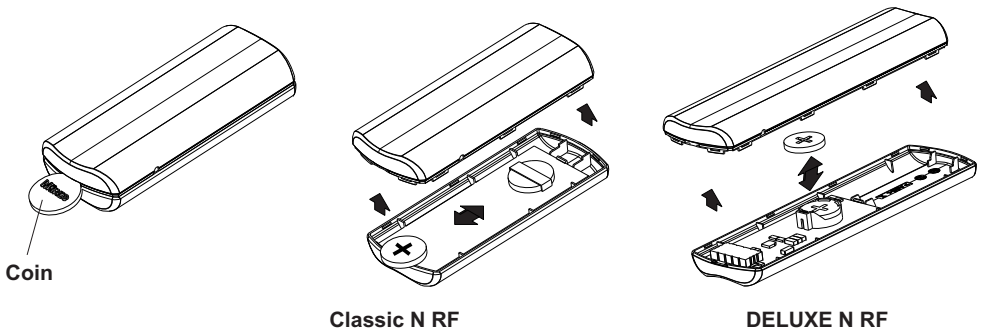
Example: Dimensions FLASH RF receiver with relay



2.4. Inserting or changing batteries

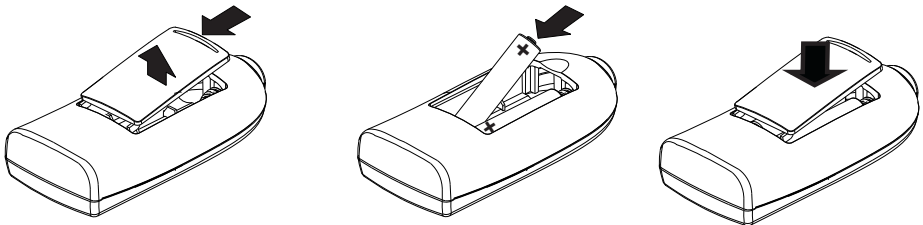
Classic N RF and DELUXE N RF

- Insert a coin into the slot in the top of the transmitter. Turn the coin obliquely and carefully press the two halves of the housing apart.
- Change the battery. Only use batteries of the CR 2032 type.
Ensure correct polarity (+/-).
- Press the two halves of the housing back together.



SMARTLINE RF

- Remove the battery compartment cover.
- Insert the batteries (AAA) into the remote control.
Ensure correct polarity (+/-).
- Replace the cover.



Do not dispose of batteries with the normal household waste!

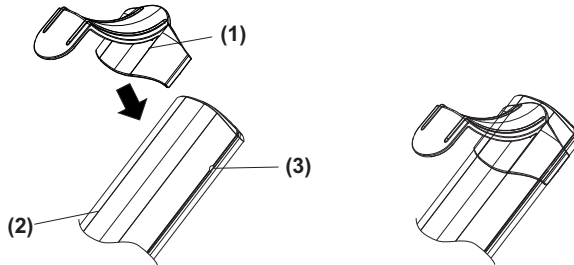


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2.5. Attaching or removing the fastening clip

- To attach, press the fastening clip (1) into the two notches (3) on the underside (2) of the transmitter. The fastening clip snaps into place.
- To remove, prize the fastening clip **carefully** out of the two notches (3).

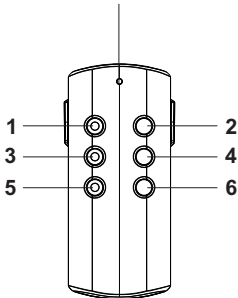


3. Button configuration and symbols

The transmitter **DELUXE N RF** is a radio transmitter with a maximum of 10 pushbuttons. The transmitter **CLASSIC N RF** is a radio transmitter with a maximum of 6 pushbuttons. The transmitter **SMARTLINE RF** is a radio transmitter with a maximum of 5 pushbuttons. The number and function of the buttons depends on the equipment and function of the drive system. For more information about the button functions please refer to the specifications of your handset to be replaced.

Hand transmitter examples:

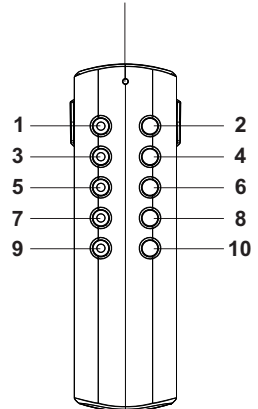
Functions LED



Classic N RF

Symbol	Function
	Head adjustment
	Back adjustment
	Thigh adjustment
	Foot adjustment
	Tilt mattress base of bed
	Adjustment of all drives simultaneously

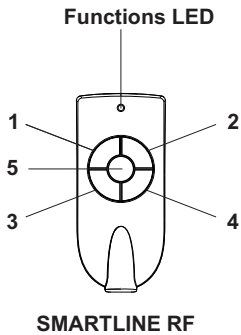
Functions LED



DELUXE N RF

Button	Function
1,3,5	Drives UP
2,4,6	Drives DOWN
1 and 2	Underbed lighting

Button	Function
1,3,5,7	Drives UP
2,4,6,8	Drives DOWN
9,10	Underbed lighting

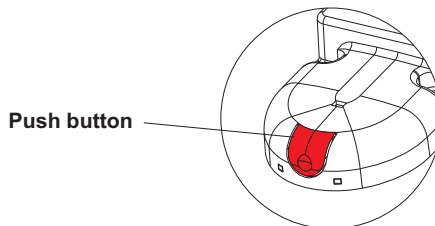


Button	Function
1,3	Drives UP
2,4	Drives DOWN
5	Drives Reset
1 and 2	Underbed lighting

4. Putting into operation

4.1. Push button

- Plug the mains plug from the control unit / double drive into the wall socket.
- Wait at least 10s before proceeding with the following steps.
- In order to carry out the following steps, it is necessary to actuate the **push button**. By pressing the push button various drive functions can be called up.



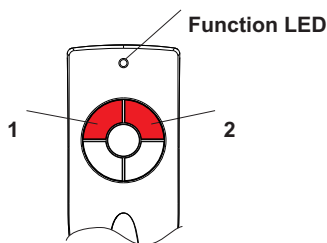
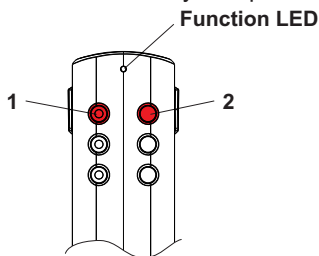
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4.2. Programming the DELUXE N RF / CLASSIC N RF / SMARTLINE RF transmitter

In order to put the hand transmitter into operation, radio communications with the control unit / drive must first be established. To do this, proceed as follows:

- Give the **operating button** on the **RF-receiver 2x short press** in succession. The underbed lighting comes on, the **RF-receiver** now switches to the learning mode for approx. 30s.
- Press **buttons 1-2 simultaneously and keep them pressed** until the underbed lighting extinguishes and the function LED glows constantly (programmable process approx. 15s). The learning mode of the transmitter is completed.
- The transmitter is ready for operation.



If the drive does not start up when the button is pressed, briefly release the button and then press it again if necessary, repeat this procedure.



Put the drive systems into service one after the other. **Do not** attempt to put several drive systems into service simultaneously. Otherwise the control unit / drives will be unable to assign the transmitters precisely.

4.3. Deactivating the DELUXE N RF / CLASSIC N RF / SMARTLINE RF transmitter

If the learning procedure for an RF transmitter has been unsuccessful or the transmitter is taken out of service, you can interrupt communications between the transmitter and the drive as follows:

- Give the **operating button** on the **drive 4x short press** in succession. The underbed lighting comes on. Now actuate the **operating button 1x**. The underbed lighting extinguishes and the transmitter is deactivated.

5. Operation



After having been put into operation in accordance with section 4., the drive system is ready for use.

5.1. Basic adjustment functions



By actuating buttons 1 - 10 (see section 3, availability and function depending on the drive system / handset) the drive can be operated.

5.2. Operating the underbed lighting (UBB) DELUXE N RF

Hand transmitter with 8 button

- Press **button 7 or 8** (symbol , see section 3), the underbed lighting lights up.
- Press **button 7 or 8** (symbol ) again, the underbed lighting extinguishes.

Hand transmitter with 10 button

- Press **button 9 or 10** (symbol , see section 3), the underbed lighting lights up.
- Press **button 9 or 10** (symbol ) again, the underbed lighting extinguishes.

5.3. Operating the underbed lighting (UBB) CLASSIC N RF

- Press **button 1 - 2 simultaneously** (see section 3), the underbed lighting lights up.
- Press **button 1 - 2 simultaneously** again, the underbed lighting extinguishes

5.4. Operating the underbed lighting (UBB) SMARTLINE RF

- Press **button 1 - 2 simultaneously** (see section 3), the underbed lighting lights up.
- Press **button 1 - 2 simultaneously** again, the underbed lighting extinguishes

5.5. Resetting if the hand transmitter fails

If the hand transmitter should fail (for example the batteries are drained) or in the event of a power supply failure, the reset function will allow you to return the application to its home position. To use this function simply press and hold down the reset button on the FLASH RF receiver.

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7. Table of faults/errors

Should a fault/error occur that is not listed in this table, please contact your supplier / dealer.

Problem	Solution
LED in the DELUXE N RF , CLASSIC N RF or SMARTLINE RF does not light up	<ul style="list-style-type: none">- Check that batteries are poled correctly.- Change the batteries.- Check the mains connection of the drive, if necessary restore it.- Check whether the transmitter has undergone the learning procedure. If this is the case, then the control system is defective.
Receiver does not respond	<ul style="list-style-type: none">- Reduce the distance to the drive system (receiver).- Ensure that no other transmitter is operated simultaneously, e.g. garage door opener, car key etc.- Check whether the transmitter has undergone the learning procedure.- Check the mains power and if necessary, restore it.
Despite programming, no function	<ul style="list-style-type: none">- Repeat the learning procedure- Contact your supplier / dealer
Several receivers react simultaneously	<ul style="list-style-type: none">- Relearn the transmitter