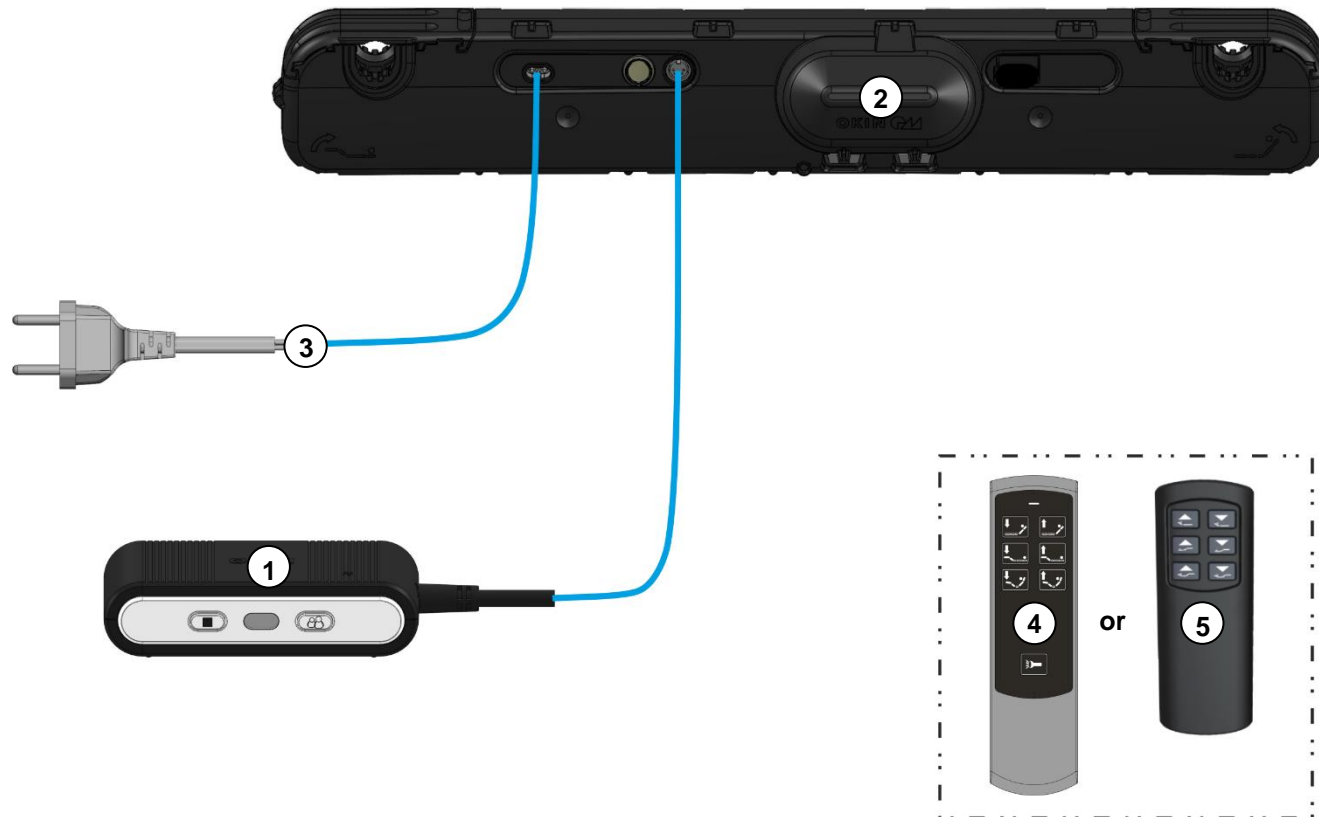


RF ECO BT System Quick Guide

System overview: RF ECO BT / OKIMAT 4 / RF-TOPLINE / RF-ECO

CAUTION! Electrical components should be connected or disconnected only when the power supply cord is unplugged.

CAUTION! There is a delay after the supply voltage is applied before the device actually turns on. Wait at least two seconds before beginning the commissioning.

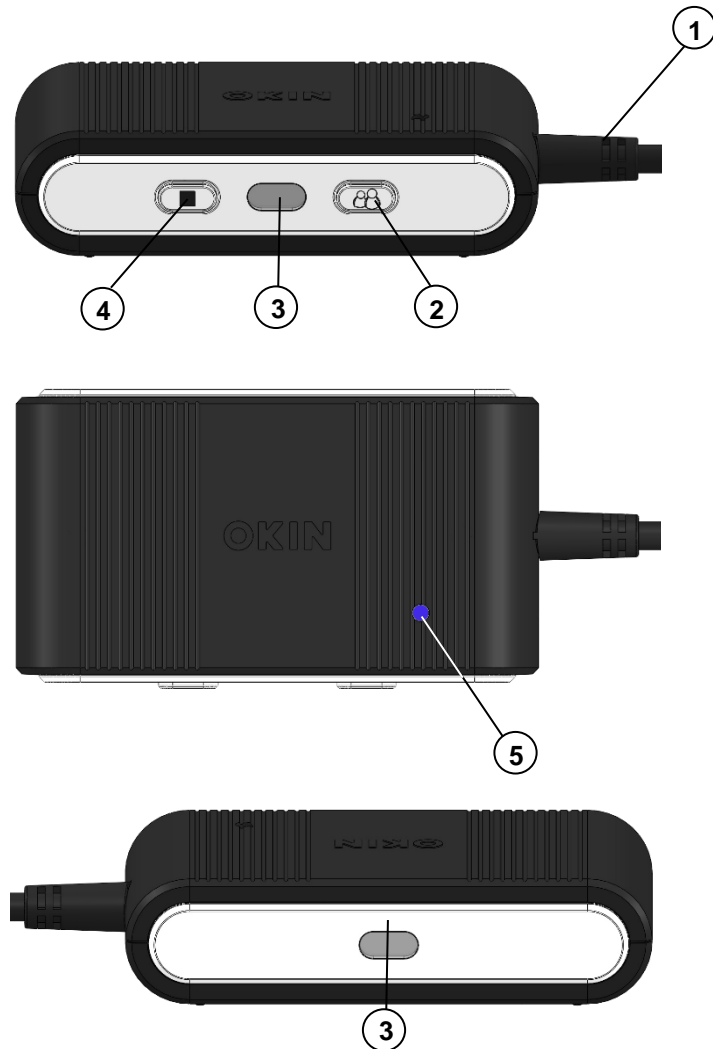


Components that can be connected:

1. RF ECO BT
2. OKIMAT 4
3. Mains supply plug EU Version
4. RF-TOPLINE
- or
5. RF ECO

RF ECO BT System Quick Guide

RF ECO BT



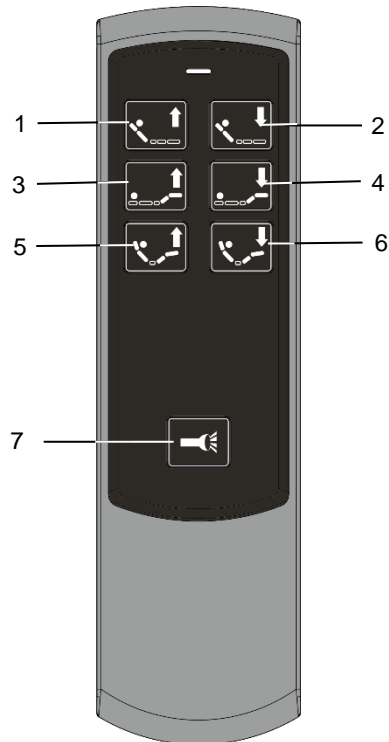
Connection ports and functions

1. Junction cable to the OKIMAT 4
2. Pairing button
3. Floor lighting (LED white)
4. Reset / Electrical reset function
5. Pairing (LED blue)

Technical specifications

Input voltage	max. 30 V DC
Working current	< 250 mA
Mode of operation	Intermittent duty 2 min. / 18 min..
Frequency	2.40 GHz
Standby	< 5 mA
Protection class	III
Protection degree	IP20
Length x width x height	102 x 58 x 25 mm

RF-TOPLINE



Button	Function
1	Drive M1 up
2	Drive M1 down
3	Drive M2 up
4	Drive M2 down
5	Reset M1 + M2 up
6	Reset M1 + M2 down
7	Flashlight on/off
1 + 2	Pairing (first System)
1 + 2	Floor lighting on/off
3 + 4	Pairing (second System) or Pairing External Power Socket
3 + 4	Switchable power socket on/off

Description of button

Note: By pressing the buttons, the lights lit blue.



Drive (head rest) up: The drive(s) move as long as this button is pressed.



Drive (head rest) down: The drive(s) move as long as this button is pressed.



Drive (foot rest) up: The drive(s) move as long as this button is pressed.



Drive (foot rest) down: The drive(s) move as long as this button is pressed.



Drive (head & foot rest) up: The drive(s) move as long as this button is pressed.



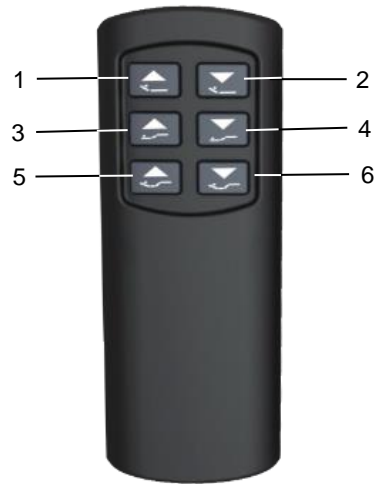
Drive (head & foot rest) down: The drive(s) move as long as this button is pressed.



Flashlight on/off: The flashlight is on as long as this button is pressed.

RF ECO BT System Quick Guide

RF ECO



Button	Function
1	Drive M1 up
2	Drive M1 down
3	Drive M2 up
4	Drive M2 down
5	Reset M1 + M2 up
6	Reset M1 + M2 down
1 + 2	Pairing (first System)
1 + 2	Floor lighting on/off
3 + 4	Pairing (second System) or Pairing External Power Socket
3 + 4	Switchable power socket on/off

Description of button

Note: By pressing the buttons, the lights lit blue.



Drive (head rest) up: The drive(s) move as long as this button is pressed.



Drive (head rest) down: The drive(s) move as long as this button is pressed.



Drive (foot rest) up: The drive(s) move as long as this button is pressed.



Drive (foot rest) down: The drive(s) move as long as this button is pressed.



Drive (head & foot rest) up: The drive(s) move as long as this button is pressed.



Drive (head & foot rest) down: The drive(s) move as long as this button is pressed.

Acknowledgement: The floor lighting will blink twice sound to signal the successful completion of the step.

1. Teach-in for the RF remote or app

To start using the RF remote with a *Bluetooth*[®] device, the wireless link with the RF ECO BT must first be established.

In order to use a *Bluetooth*[®] device (a smart phone or tablet) with your system, you will first need to download and install the "OKIN" app for your device.

a. Automatic teach-in

- Connect the RF ECO BT to the OKIMAT 4 and put the power plug into the socket.
- The RF ECO BT will be in pairing mode for 120sec which is divided as follows: During the first 60sec, an RF remote can be discovered (the teach-in). During the next 60sec, a *Bluetooth*[®] device can be discovered.
- The floor lighting and the blue LED are illuminated during this teach-in phase for the RF remote.

RF-TOPLINE / RF ECO: Simultaneously press **buttons 1 and 2**.

A successful pairing will be acknowledged.

- The floor lighting will switch off after the teach-in process for the RF remote is finished. The blue LED for pairing with a *Bluetooth*[®] device starts flashing.
- The blue LED switches off when the *Bluetooth*[®] pairing process has timed out or when the device has connected successfully. A successful pairing will be acknowledged.
- If, during the RF remote's teach-in process, you press any button on an already paired RF remote, then it switches to the *Bluetooth*[®] teach-in mode.
- If the RF remote or a *Bluetooth*[®] device is discovered during the pairing phase, then this pairing mode is automatically ended. The floor lighting and the blue LED switch off.
- Repeat the automatic teach-in process. First, remove the plug from the power supply. Then wait 60sec and insert the plug back into the power supply. You can now start the new teach-in process.
- When operating a system in parallel, you must execute the teach-in processes for the RF ECO BTs sequentially. First, connect the RF ECO BT to the power supply. Then execute the teach-in process for the first RF remote or *Bluetooth*[®] device. Then execute the teach-in for the second device.

Note! Only commission **one** system at a time. Never configure multiple systems simultaneously

b. Manuel teach-in

The system must be connected to the power supply.

- Connect the RF ECO BT to the OKIMAT 4.
- Quickly press the **Pairing button (2) twice** on the RF ECO BT. The floor lighting and the blue pairing LED will illuminate. The RF ECO BT is now in pairing mode for 120 seconds, which is divided as follows: During the first 60 seconds, an RF remote can be discovered (the teach-in). During the next 60 seconds, a *Bluetooth*[®] device can be discovered.
- The floor lighting and the blue LED are illuminated during this teach-in phase for the RF remote.
RF-TOPLINE / RF ECO: Simultaneously press **buttons 1 and 2**. A successful pairing will be acknowledged.
- The floor lighting will switch off after the teach-in process for the RF remote is finished. The blue LED for pairing with a *Bluetooth*[®] device starts flashing.
- The blue LED switches off when the *Bluetooth*[®] pairing process has timed out or when the device has connected successfully. A successful pairing will be acknowledged.
- If, during the RF remote's teach-in process, you press any button on an already paired RF remote, then it switches to the *Bluetooth*[®] teach-in mode.
- If the RF remote or a *Bluetooth*[®] device is discovered during the pairing phase, then this pairing mode is automatically ended. The floor lighting and the blue LED switch off.
- When operating a system in parallel, you must execute the teach-in processes for the RF ECO BTs sequentially. First, connect the RF ECO BT to the power supply. Then execute the teach-in process for the first RF remote or *Bluetooth*[®] device. Then execute the teach-in for the second device.

Note! Only commission **one** system at a time. Never configure multiple systems simultaneously

2. Moving two systems in parallel using remote radio signals

CAUTION! Only connect the electrical components when the power supply is switched off.

Two systems can be moved and operated simultaneously (parallel mode) using one RF remote.

- Press the **Reset / Electrical reset function button (4)** on the RF ECO BT to move both systems to their end positions.
- Execute the teach-in process first for system 1 and then for system 2. Note that the teach-in processes are always sequential. The teach-in should **never** be executed on two systems at the same time.
- The systems are permanently paired together in this mode.

3. Cleaning and care

The system was designed so that it would be easy to clean.

- Be sure to unplug the power cord on the power supply before you begin cleaning it!
- Clean the system using a dry antistatic cloth.

Be sure that you do not damage the connecting cables during the cleaning.

4. Disposal

The system consists of electronic components, cables and metal and plastic parts. You should observe all corresponding national and regional environmental regulations when disposing of the system.

The disposal of the product is regulated in Germany by Elektro-G, internationally by the EU Directive 2011/65/EC (RoHS), or by any applicable national laws and regulations. (The product is not regulated by the EU Directive 2012/19/EC (WEEE).)

The system should not be disposed of with normal household waste!



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