OKIN RF ECO BT M Built-In Bidirectional 2.4 GHz Radio Controller User Guide

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Acknowledgment:

The Pairing LED (b) will blink twice sound to signal the successful completion of the step.

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 M 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.

Automatic teach-in

- Connect the RF ECO BT M to the drive system and put the power plug into the socket.
- The RF ECO BT M 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 Pairing LED (b) and the Bluetooth® LED (c) are illuminated during this teach-in phase for the RFremote. To pair the RF hand-held remote, please refer to the instructions for the RF hand-held remote. A successful pairing will be acknowledged.
- The Pairing LED (b) will switch off after the teach-in process for the RF remote is finished. The Bluetooth® LED (c) for pairing with a Bluetooth® device starts flashing.
- The Bluetooth® LED (c) 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 Pairing LED (b) and the Bluetooth® LED (c) 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.
- Parallel operation:

Note! Put the drive systems into service one after the other. Do not attempt to put several drive systems into service simultaneously. Otherwise, the drives will be unable to assign the RF ECO BT M precisely.

Manuel teach-in

The system must be connected to the power supply.

- Connect the RF ECO BT M to the drive system.
- Quickly press the Pairing button (a) twice on the RF ECO BT M. The Pairing LED (b) and the Bluetooth® LED (c) will illuminate. The RF ECO BT M 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 Pairing LED (b) and the Bluetooth® LED (c) are illuminated during this teach-in phase for the RFremote. To pair the RF hand-held remote, please refer to the instructions for the RF hand-held remote. A successful pairing will be acknowledged.
- The Pairing LED (b) will switch off after the teach-in process for the RF remote is finished. The Bluetooth® LED (c) for pairing with a Bluetooth® device starts flashing.
- The Bluetooth® LED (c) 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 Pairing LED (b) and the Bluetooth® LED (c) switch off.
- Parallel operation:
  Note! Put the drive systems into service one after the other. Do not attempt to put several drive systems into service simultaneously. Otherwise, the drives will be unable to assign the RF ECO BT M precisely.

Referencing the drive system

To enable all the functions of the drive system for use, you must perform a reference test.

- Press and hold the Pairing button (a) on the RF ECO BT M until all drives reach their end position.
- Keep the Pairing button (a) pressed for a further 5 seconds.
- The successful pairing will be acknowledged.

Electrical reset function

(with battery connected to the drive system in a power outage)

- Press the Pairing button (a) on the RF ECO BT M and keep it pressed until the drive has retracted fully.
- For the electrical reset function with the RF hand-held remote, please refer to the instructions for the RF hand-held remote. Attention! After a test with the electrical reset function or when the system was de-energized, a reference test must be performed.

Saving the memory positions

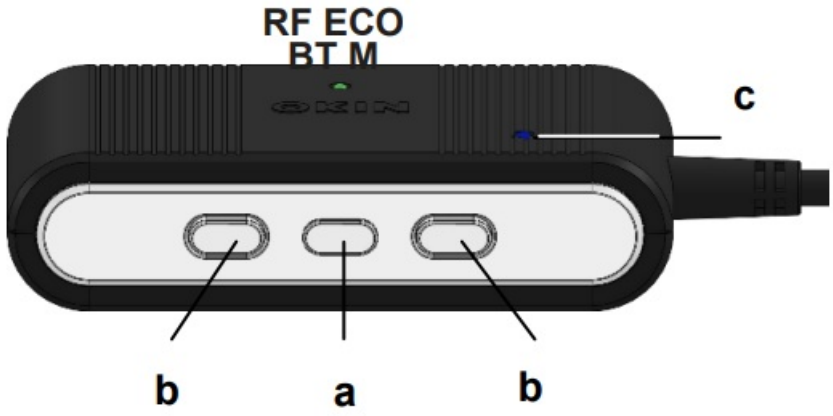
To save the memory position of the RF hand-held remote, please refer to the instructions for the RF hand-held remote.

Attention!

Before saving the memory positions, a reference test must be performed.

Resetting the factory settings

- Give the Pairing button (a) 4x short press in succession. The Pairing LED (b) lights on.
- Now actuate the Pairing button (a) one time. The PairingLED (b) lighting extinguishes.
- The RF remote is deactivated.



FCC Warning / IC Warning

FCC:

This device complies with Part 15 of the FCC Rules. 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. Any changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

IC: This device complies with Innovation, Science, and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance.The minimum distance from body to use the device is 20cm

Documents / Resources

	OKIN RF ECO BT M Built-In Bidirectional 2.4 GHz Radio Controller [pdf] User Guide RFECOBTM, O3YRFECOBTM, RF ECO BT M Built-In Bidirectional 2.4 GHz Radio Controller, RF ECO BT M, Built-In Bidirectional 2.4 GHz Radio Controller