



SYSTEQ

H2A Receiver to App or Switch Plate Programming User Manual

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Introduction:

This document will guide you through the process of; Pairing a H2A receiver to the app, pairing a receiver to a switch plate, and resetting a receiver to factory settings.

If you need to know how to download and start the H2A app on your mobile device then please read the guide “H2A Backup and copy”.

Screenshots from this guide will be from an Android device, and will work the same way for an Apple device.

Introduction to a receiver:

The receiver used for this guide will be a smart dimmer, TEQ-SB9040A-S-EN. The receiver connects to the mobile device using Bluetooth.

The reset button:

Used both to connect the receiver to the H2A app or a switch plate, and, to do a factory reset of the receiver (Press for 30 seconds to factory reset).

L (Live) Connection:

Takes AC input providing power to the receiver

N (Neutral) Connection:

Completes the circuit.

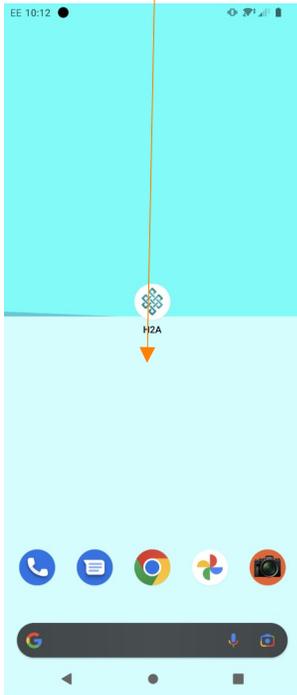
(Note: both live inputs are connected as are both neutrals)

Out Connection:

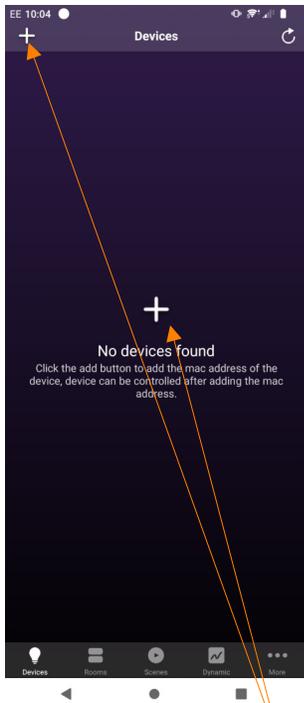
Sends power from the receiver to the output device (lamp, luminaire, socket, etc.)



Pairing receivers to the app: tap on the icon to open the app:

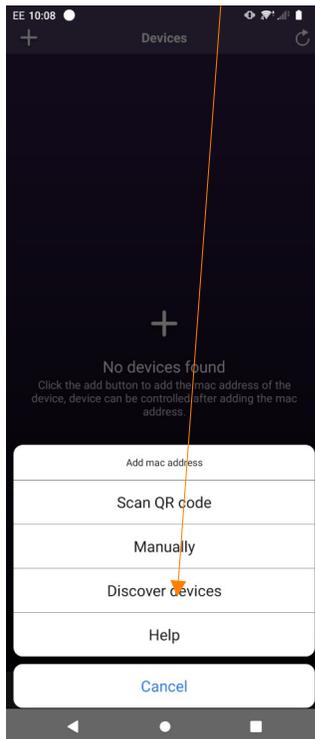


When the app opens you will see a screen similar to the one shown below:

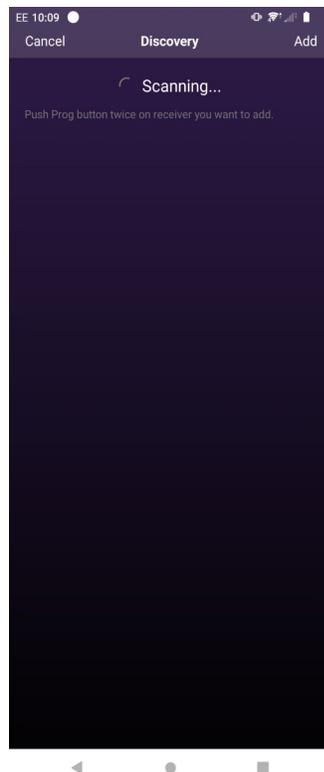


Tap on either of the plus symbols to begin adding receivers to your device app.

Tap on discover devices.



The app will then start scanning for valid Bluetooth receivers in the area.





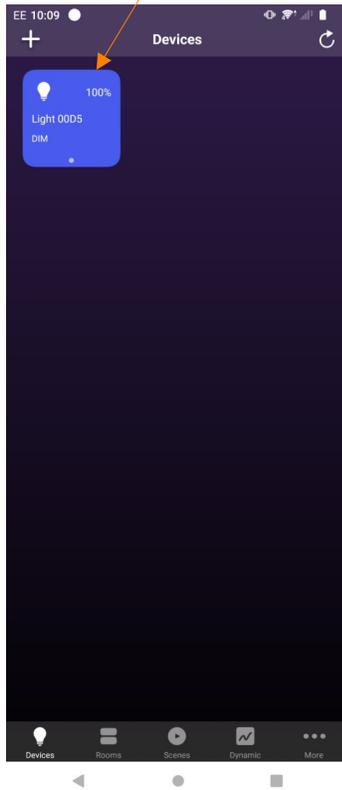
While the device is scanning, press the program button on the receiver twice. In the case of our smart dimmer, this is the reset button.

The receiver will then appear on the app.

You can add multiple receivers at the same time, and when you have finished tap on the "Add" icon.



Your receiver(s) will now appear on the "Devices" tab of the app.



Introduction to a switch plate:

The switch plate used for this guide will be the TEQ-SB1001-K8-G1-S4. The switch plate will connect directly to receivers.

Status LED: Shows button presses and pairing

On switch: Turn receiver on.
(long press dim up)

Dim up: Increase light level of the receiver.

Scene 1: Load First scene in receiver.
(long press set scene)

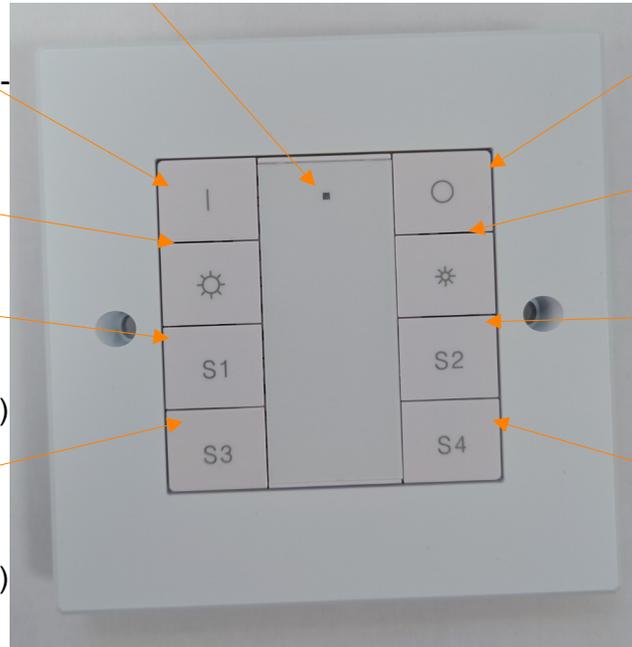
Scene 3: Load First scene in receiver.
(long press set scene)

Off switch: Turn receiver off
(long press dim down)

Dim Down: Decrease light level of the receiver.

Scene 2: Load Second scene in receiver.
(long press set scene)

Scene 4: Load Second scene in receiver.
(long press set scene)



Preparing a switch plate:

(Note: On kinetic switch plates there is no battery, so this step can be skipped).

To get a switch plate ready, turn it over and locate the battery compartment:



Open the battery compartment and remove the plastic blocker to enable the battery to power the switch plate, then cover the compartment back up.



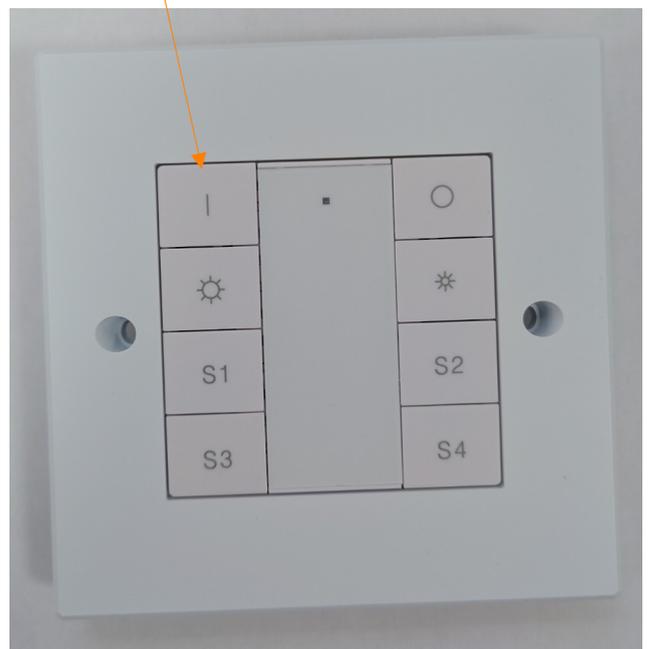
Pairing a switch plate (Physically):

To pair a switch plate to a receiver you first press the programming button twice, then you press the turn on button on the switch plate, until the status LED on the top middle of the switch plate and the any luminaires connected to the receiver flash to confirm pairing.

Press "reset" twice

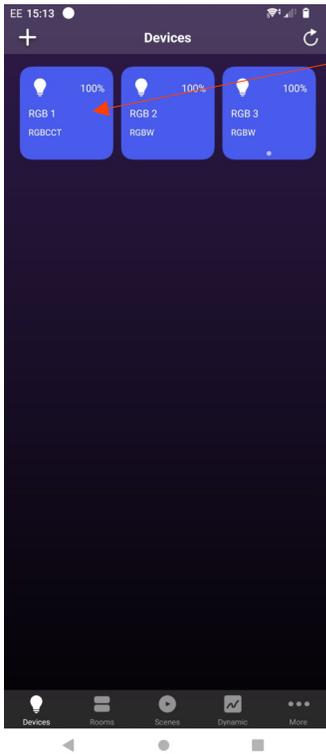


Press "on" button

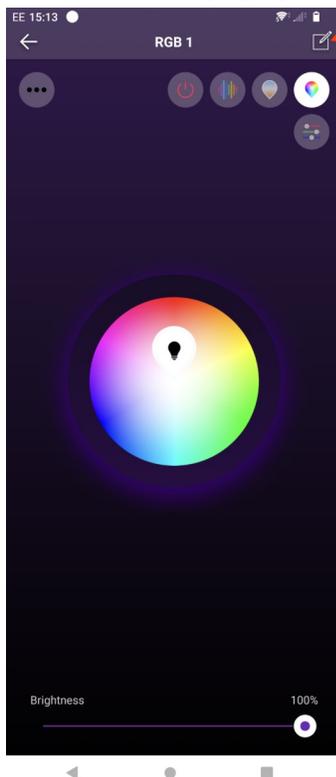


Pairing a switch plate (Via app):

To pair a switch plate to a receiver via the app, first press and hold the receiver you want to pair.



On the receiver page press the "Edit" option



On the edit page, press “Enable Pairing”



You will have a 4 second countdown on screen, during which time you must press the “on” button on the switch plate to pair the receiver.

Countdown location



“On” button

