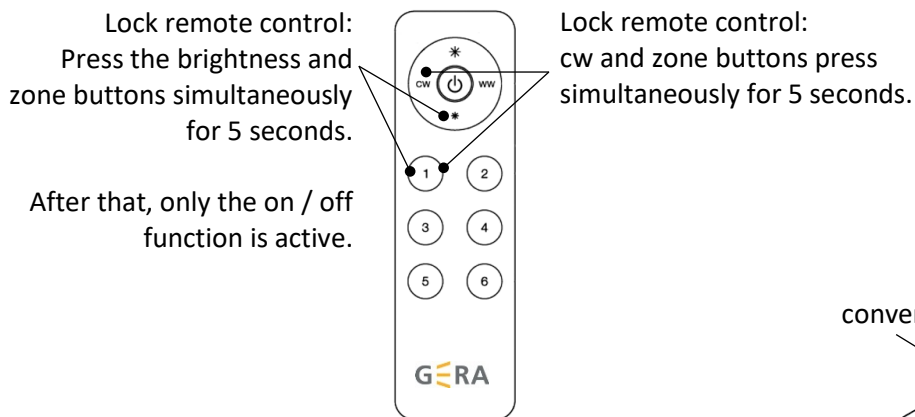
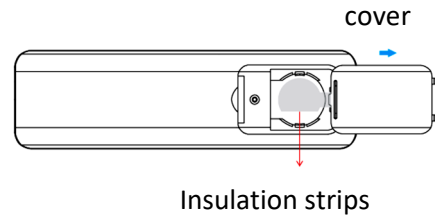
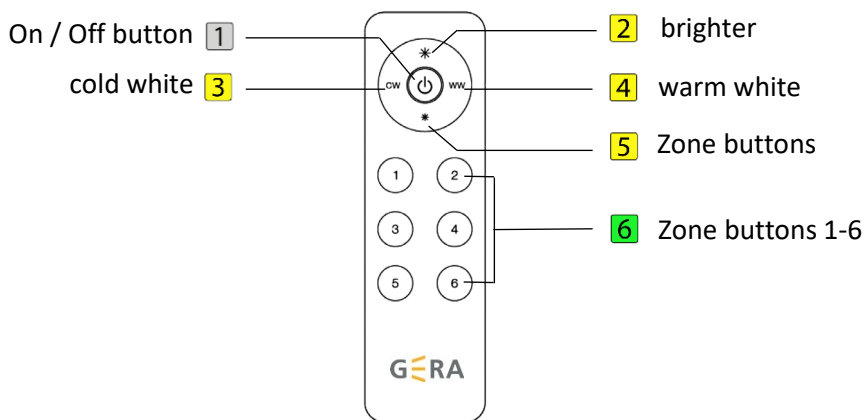


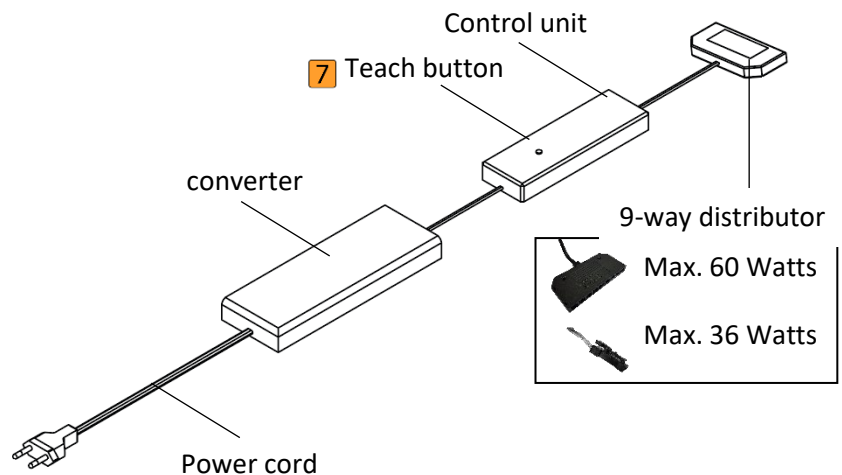
# Instructions for commissioning and operating the adjustable LED lights

When delivered, the radio remote control and the supplied control unit are already connected to each other. The teaching of further control units is described under point 3.

## 1. Radio remote control



## Radio remote control



## 2. Preparation of the radio remote control

- (1) Unpack the radio remote control
- (2) Open the cover on the back of the radio remote control and remove the insulation strip from the battery compartment. Then close the lid again.
- (3) Attach the magnetic holder to the desired location using the double-sided adhesive tape supplied. Alternatively, the two screws can also be used.

### 3. Teach the control unit to the radio remote control

You can teach in an infinite number of control units per zone button **6**.

We recommend first teaching in all control units to zone key 1.

Then the control units can be taught-in again individually for the remaining zones, as explained under point 4.

#### 3.1 VARIANT 1 – teach-in button on the control unit

(1) Carry out a RESET.

Press the teach-in button **7** for longer than 3 seconds or until the connected light source flashes briefly to indicate that the reset was successful.

(2) You can then prepare the control unit for teaching by briefly pressing the teach-in button **7**.

IMPORTANT! The learning process is limited in time. The teach-in process must be restarted after 5 seconds.

(3) Immediately afterwards, press one of the six zone buttons **6** for approx. 3 seconds.

If there is no connection between the radio remote control and the control unit, repeat steps 3.1.1 - 3.1.3  
You can repeat this step as often as you like.

(4) Check FUNCTION. Long press on the zone button **6** of the radio remote control to switch the respective zone on / off.

Repeat the process to teach in additional devices.

#### 3.2 VARIANT 2 – Voltage interruption to the control unit

If the control unit is inaccessible, do the following:

(1) The voltage supply to the control unit must be briefly interrupted in order to signal to the control unit that a learning process is taking place. The interruption can be done by pulling the power plug or by a switch (house installation).

IMPORTANT! The learning process is limited in time. The teach-in process must be restarted after 5 seconds.

(2) Then restore the voltage (plug in the mains plug or switch on the switch).  
Immediately afterwards, press one of the six zone buttons **6** twice quickly (like a double-click) and then once long for approx. 3 seconds. This sequence must take place immediately one after the other.

If there is no connection between the radio remote control and the control unit, repeat steps 3.2.1 - 3.2.2  
You can repeat this step as often as you like.

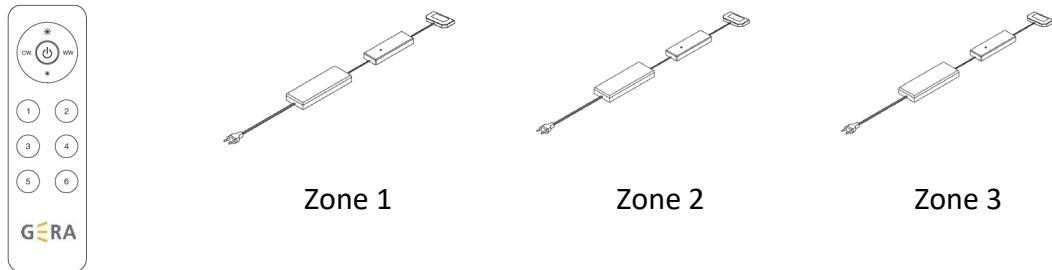
(3) Check FUNCTION. Long press on the zone button **6** of the radio remote control to switch the respective zone on / off.

Repeat the process to teach in additional devices.

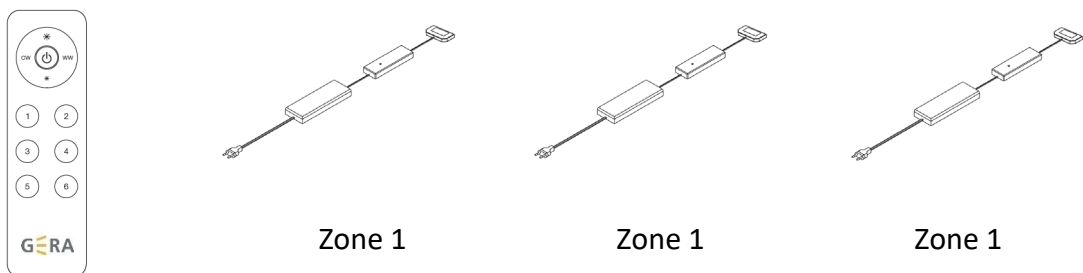
IMPORTANT! After each teach-in process, you should wait 60 seconds before teaching in further devices.

## 4. Teach in several control units

- (1) Example: Teaching three control units to three different zone buttons **6**.  
The advantage of this method is that each control unit can be controlled individually.  
In this way, the light color and the brightness can be set differently for each control unit in the later step.



- (2) Example: teaching several control units to **one** zone key **6**.  
With this method the light color as well as the brightness can be controlled synchronously with several control units..



**IMPORTANT!** After each teaching process, you should wait 60 seconds before teaching in further devices.

## 5. Operation

Briefly pressing the on / off button **1** switches all zones on or off at once.

Briefly press the zone button **6** on the radio remote control to select the respective zone which is to be operated. Several zones can be selected one after the other in order to operate them simultaneously (synchronously).

Long press on the zone button **6** of the radio remote control to switch the respective zone on / off.

You can select the desired emotion setting by pressing the buttons **2 3 4 5** on the radio remote control. You can change the settings by briefly pressing a button. You can also press and hold the button for a quick change.

## 6. Overview of errors / causes


Disorder	Possible Cause	remedy
Light source does not react to the radio remote control	The radio remote control is not yet connected to the control unit	Teaching the radio remote control to the control unit. Variant 1 or variant 2
	Radio remote control battery empty	Replace the battery
	Power failure in the kitchen	Restore mains voltage. The radio remote control settings are saved.
		Teaching the radio remote control to the control unit. Variant 1 or variant 2
	Radio remote control defective	If all other possible causes are excluded, please contact the furniture store
One light source dims up and down after switching on	The Zigbee search function starts after switching on	Press the learn button on the control unit for 4 times <b>or</b> switch the main voltage off and on for 4 times to deactivate the search mode
All light sources flash	Short circuit	Check cables and connectors and eliminate short circuit
The LEDs of a light source are weaker than the other comparable light sources	Possibly too many lights are connected to a control unit	Max. 36 watts can be connected to one slot or max. 60 watts, depending on the control unit. The lights should be distributed over the multiple slots.
	Defective lamp	If all other possible causes are excluded, please contact the furniture store
One light source is cool white, while all others are warm white	The light source concerned was delivered retrospectively and comes from a subsequent delivery that has since been converted	A reverse polarity cable (article YVLK) must be requested. By plugging this reverse polarity cable between the light source and the control unit, the light source is polarized correctly again.
	The light source was polarized incorrectly	
One of more than one light source is not working.	Plug connection loose	Insert plug connections between light source and distributor on the control unit.
	Check cable break, whether it has been severely kinked in one place or otherwise interrupted	If so, please contact the furniture store
	Defective light source	If all other possible causes are excluded, please contact the furniture store
Remote control does not respond, except on / off function.	Remote control is locked.	Unlock remote control: cw and zone buttons at the same time Press for 5 seconds.

## 7. Connecting the control unit to a Zigbee hub (smart home)

### Note:

This function can only be carried out if the devices have previously been reset to the factory settings. The remote control can then be reconnected to the control unit if it should continue to be used.

- (1) Reset the control unit to the factory settings.

Press the learning button  on the control unit 5 times in quick succession, or switch the device off and on again 5 times in quick succession (switching the mains voltage of the converter 230 V).

### Note:

- If the device has already been reset, it will not respond when you reset it again.
- All affiliations to networks and settings are deleted.

- (2) Put the Zigbee Hub in search mode. To do this, follow the instructions for the corresponding device or APP.

- (3) Switch the control unit off for **3 seconds** (switch on the 230 V mains voltage of the converter) and then on again, the lighting flashes slowly **twice**. Search mode lasts for 15 seconds. If the connection failed, try put the device in search mode again.

- (4) The connected lighting unit flashes 5 times and then lights up continuously. Now  
the device appears in the user interface (APP) of the Zigbee Hub.

## 8. Fault / cause overview for connecting the control unit to a Zigbee hub (smart home)

Disorder	Possible Cause	remedy
The Zigbee device is not recognized	Power supply interrupted	Make sure that the power supply is guaranteed. The lights should be on.
	No connection to the WiFi	Check the WiFi connection from your smartphone or tablet.
	No Zigbee hub available	A so-called Zigbee hub is required to control the Zigbee lights. This can either be already integrated in your smart home system, or an external Zigbee hub (e.g. Philips Hue Bridge) must be installed.
	Zigbee Hub is not connected to the home network	Ensure the connection to the home network. This should also be displayed in the APP used.
	Software out of date	Check whether new updates are available for your smart home system, the Zigbee Hub, or the APPs used and install them.
	Smart home system is not compatible	Check whether the Zigbee smart home system is compatible. Additional hardware or software may have to be installed.
	Control unit is already connected to a remote control	Reset the device to factory settings (see point 7.1) After that, you can connect it to the remote control again.