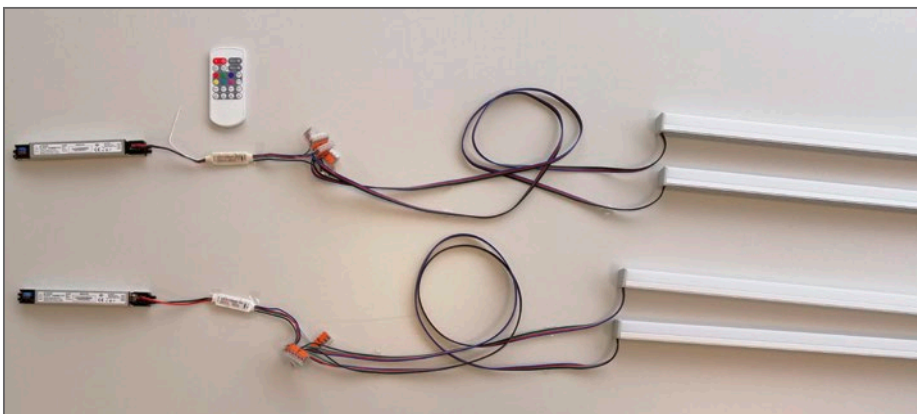
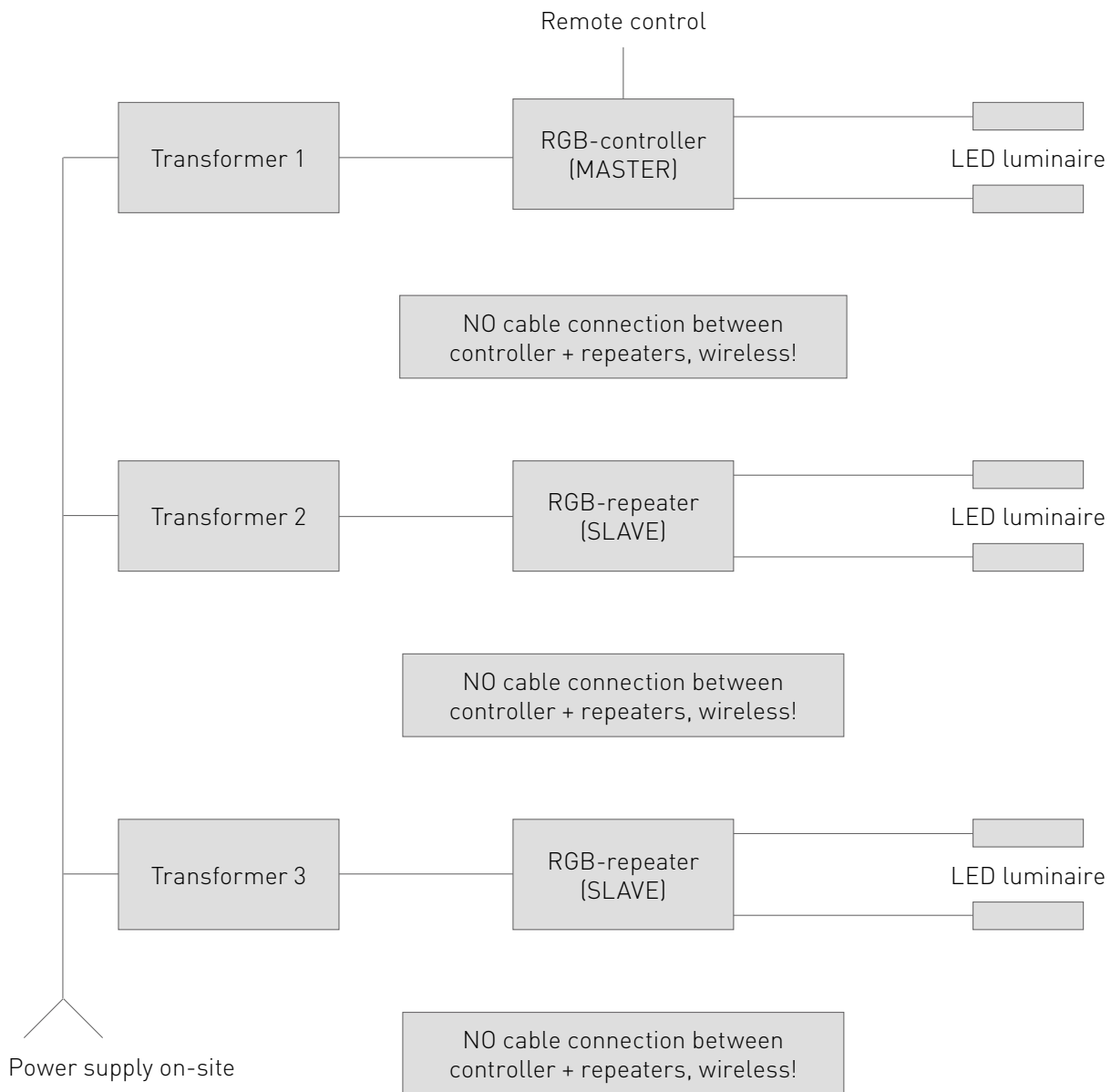


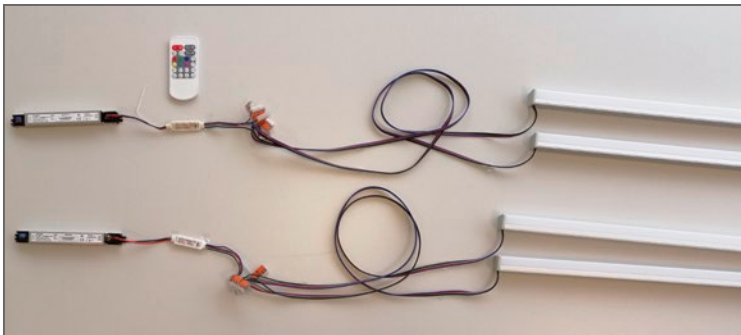
1. Wiring diagram for Cloud | Square LED RGB



2. Overview of all components

2.1 Cloud | Square LED RGB lighting package incl. 4 x mounting clips

A Cloud | Square LED RGB lighting package consists of two light profiles. There are four wires on both light profiles: blue, red, green and black.



The mounting clips shown below are needed to mount the light profiles to the grid. See Publication 1020 Cloud and Square.



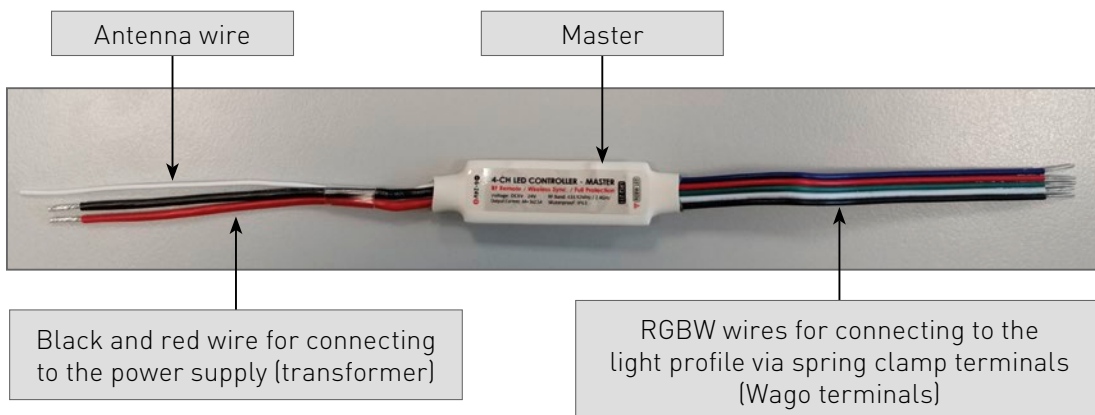
2.2 Power supply (transformer)

A power supply (transformer) is required for each Cloud | Square LED RGB lighting package.



2.3 Master (RGB controller)

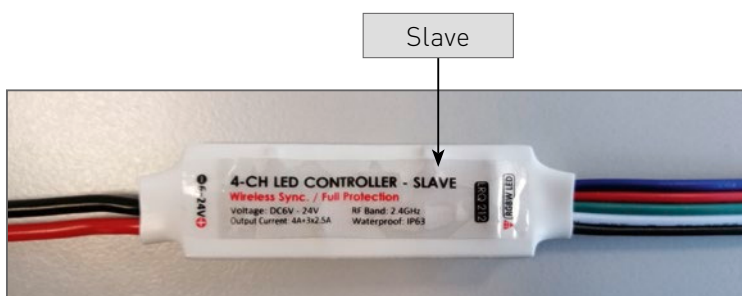
The master is necessary to control the RGB function of the light profiles via a remote control.



Note: The master could be RGBW-enabled due to the five wires on the right-hand side (additional white wire). However, the light profiles can also be RGB only with no white gradations.

2.4 Slave (RGB repeater)

A slave is required for every other lighting package in the parallel circuit which is to be controlled by the same remote control.



2.5 RGB remote control



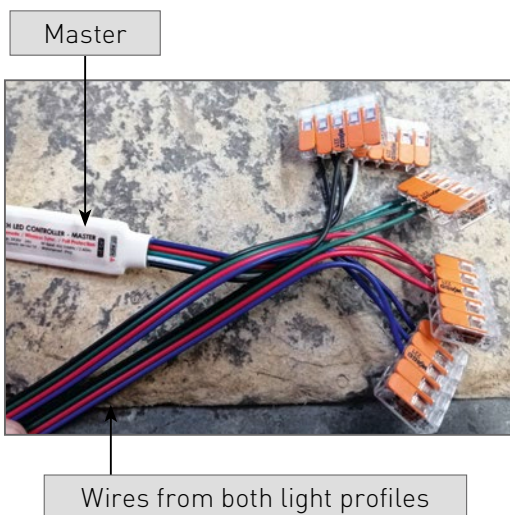
The battery disconnecter must be removed before the remote control will operate. Only then can the wireless signal be sent.

The remote control is connected directly to the relevant master as standard.

3. Parallel circuit for multiple Cloud | Square LED RGB lighting packages

3.1 Connecting the light profiles and master

Connect the matching coloured wires of each light profile to a spring clamp terminal (Wago terminal). One terminal per colour.



There are five wires on the master. Four are the same as those on the light profiles plus the additional white wire. Clamp the matching coloured wires from the master into the spring clamp terminals (Wago terminals) holding the respective light profile wires.

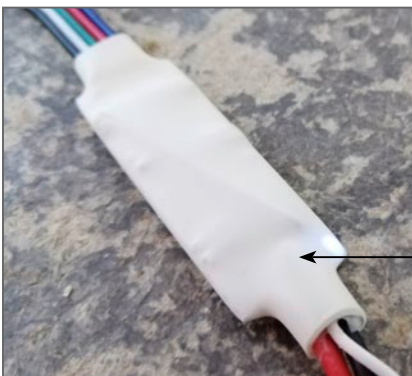
The remaining white wire from the master (for which there is no equivalent on the light profiles) is clamped into its own spring clamp terminal (Wago terminal).

3.2 Connecting the master and power supply (transformer)

- The output of the power supply (transformer) must be connected to the master.
- Connect the **red** output (LED +) to the red wire on the master.
- Connect the black output (LED -) to the black wire on the master.



- Then connect the power supply (transformer) on the input side to the mains. The input on the transformer is marked N (**Blue**) or L (**Brown**).
- If the power supply (transformer) is correctly connected to the mains, the blue light on the underside of the master illuminates.



LED on the underside of the master

3.3 Slave(s) installation

- Slaves are differentiated from masters by the markings shown below and do not have an antenna cable.



- In order to be able to control multiple Cloud | Square LED RGB lighting packages with one remote control, a slave must be added for each additional lighting package in the parallel circuit. The slave(s) receive(s) the signal wirelessly from the master.
- The slave(s) is/are necessary as it would otherwise be impossible to control multiple luminaires from a single remote control.
- The slave(s) is/are connected to the two light profiles and the power supply (transformer) in the same way as the connection to the master. (see 3.)

3.4 Assigning the slave(s) to zones

- The slave(s) can be assigned to three different zones during installation. Each zone can be controlled separately with a remote control.
- In these cases, the master is always assigned to Zone 1.
- There is no limit to the number of slaves within a zone.
- The slaves can be assigned to zones as follows:
 - The master must be connected to the mains. The respective remote control is already connected to this master. And this forms Zone 1.
 - The required slave(s) must first be disconnected from the mains for 5 seconds.
 - Once it is connected to the mains again, you then have 5 seconds to press the “I” and the “White brightness +” buttons on the the remote control at the same time.



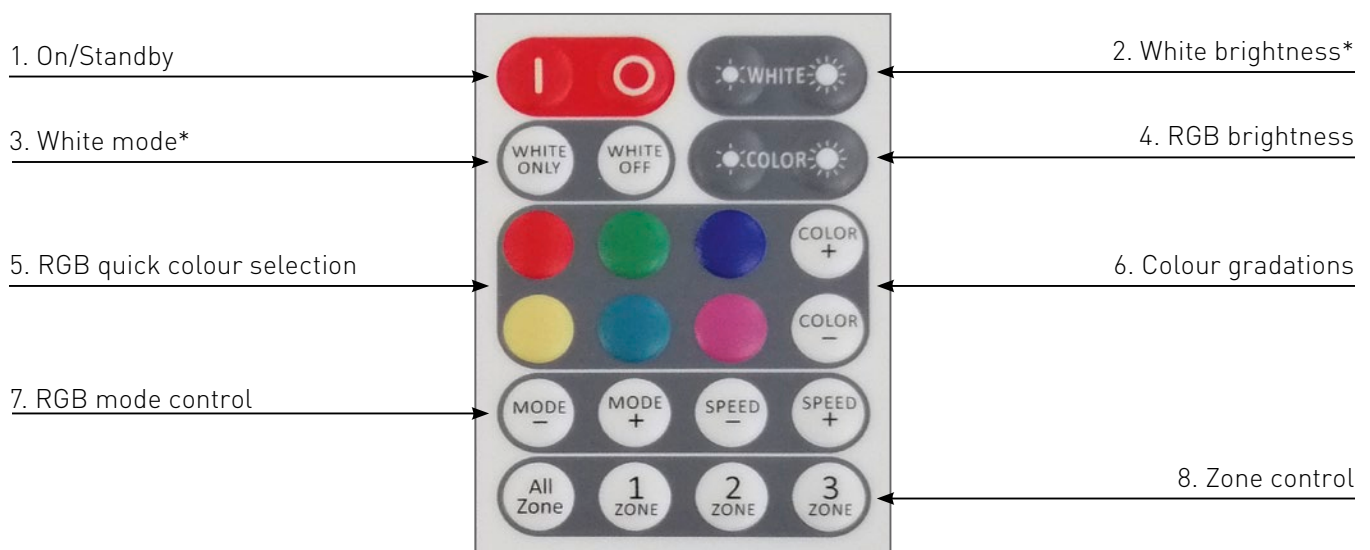
- You then have a further 5 seconds to press the button for the required zone.



- If this sequence is completed successfully, a white light will flash three times on the underside of the slave. The slave has now been assigned to the relevant zone.

4. Using the remote control

4.1 Remote control functions



* If the light profile is not RGBW-enabled, the white settings will not be available!

1. On/Standby

"I" switches the light profiles on.

"O" switches the light profiles off.

When switched on, the device automatically reverts to the original settings.

2. White brightness

The brightness of the white LEDs can be set with these buttons.

Six preset options are available.*

3. White mode*

"White only" switches all RGB LEDs off and all white LEDs on.

"White off" switches all white LEDs off and the luminaire reverts back to its original settings.

4. RGB brightness

The brightness of the RGB LEDs can be set with these buttons.

5. RGB quick colour selection

The colours of the luminaires can be set with these quick-selection buttons.

6. Colour gradations

All RGB colour gradations can be set with these buttons.

7. RGB mode control

The dynamics and the speed of the dynamics are set with these buttons, e.g. flashing light.

a) "MODE+" or "MODE-" change the dynamic modes.

b) "SPEED+" or "SPEED-" change the speed of the dynamic modes.

8. Zone control

These buttons can be used to select the zones that are to be controlled when an entry is made on the remote control. For example, to set the light profiles in Zone 1 to green and the light profiles in Zone 2 to blue. The zones must be assigned as described in section 3.4.

4.2 Setting up other remote controls

Note: This step is optional and should only be completed if a master with multiple remote controls is to be connected.

One master can be connected to up to five remote controls. However, it is not possible to control multiple masters with just one remote control. In other words, at least one remote control is required for each master up to a maximum of five.

An additional remote control can be connected to the master as follows:

- The required master must first be disconnected from the mains and then reconnected after five seconds. The "I" and the "White brightness +" buttons must then be pressed at the same time on the additional remote control within 5 seconds of the master being switched on again.



* If the light profile is not RGBW-enabled, the white settings will not be available!

- You then have a further 5 seconds to press the “RED” button.



- If this sequence is completed successfully, a white light will flash three times on the underside of the master. The additional remote control is now assigned to the appropriate master.