HOMESYSTEM

QUICK USER GUIDE

Gledopto GL-C-301P

5-in-1 ZigBee LED strip controller with a push input

Manufacturer: **Gledopto** · Model: **Gledopto GL-C-301P**

PRODUCT IN THE HOMESYSTEM E-SHOP

obchod.homesystem.sk/en/zigbee-ovladac-5v1-ultra-mini-pre-led-pasy-so-vstupom-na-tlacitko/

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A mini LED strip controller with ZigBee 3.0 and 2.4 GHz RF. It works in 5 modes: RGBCCT, RGBW, RGB, CCT (2 strips together) and Dimmer (up to 5 single-colour strips together).

KEY FACTS

Model	GL-C-301P
Power supply	12–24 V DC; 6 A per channel, 10 A total
Wireless	ZigBee 3.0 and 2.4 GHz RF (2405–2480 MHz, max. 10 dBm); gateways e.g. Philips Hue, Amazon Echo Plus, SmartThings
Size / weight	42 × 38 × 17 mm; flame-retardant PC housing
Environment	IP20, −20 to 45 °C

SAFETY INSTRUCTIONS

WARNING

- Wiring should be done by an electrician according to applicable standards.
- Check the wiring before switching on and do not work on live parts.
- Use only the specified voltage.
- Do not disassemble the device – risk of fire or injury.
- Keep it away from sunlight, moisture and heat; avoid metal shielding and strong magnetic fields.
- The manufacturer is not liable for damage caused by incorrect wiring or for compatibility with third-party apps and hubs.
- Do not dispose of the device in household waste; hand it in as electronic waste.

WIRING

Cable	0.5–1.5 mm² (24–16 AWG), strip 8–9 mm
Terminals	W, C or N, B, G, R, V+ (2×), G (2×), PUSH
Terminal C	used in RGBCCT and CCT modes
Terminal N	not connected in RGB, RGBW and CCT modes
V1– to V5–	outputs in Dimmer mode

BUTTON ON THE DEVICE

Set: short press	switches the function (clears ZigBee and RF links)
Set: 5 s	toggles state memory before power-off (off by default)
PUSH: short press	on / off
PUSH: long press	changes brightness
Reset: 5 s	reset to RGBCCT mode

INDICATOR (LED)

3 flashes	removed from the gateway or reset done
Strip flashes	result of RF pairing / unpairing
Pink flashing, 2 s off	PWM frequency change (600, 800, 1000 – default, 2000, 4000, 8000 Hz)

ADDING TO A ZIGBEE GATEWAY

1. Wire the power supply correctly.
2. Start device search in the gateway app and wait as the gateway instructs.
3. If it is not found, switch the power off and on or reset the controller and search again.
4. Once found, add it to a room or group. Removal: delete the device in the app (3 flashes).

RF REMOTE AND RESET

- RF pairing: switch the power off, wait 10 s, switch on; within 4 s press “On” of any group on the RF remote – the strip flashes.
- Unpairing: same procedure, within 4 s press “Master On” on the remote or “On” of a group 5 times on the controller.
- Reset: hold RESET for more than 5 s (3 flashes), or repeat 5 times: power on, off within 2 s, wait at least 5 s; after the last power-on 3 flashes.
- Reset restores RGBCCT mode and clears the ZigBee and RF links.

Disposal: A product marked with the crossed-out wheelie bin symbol must not be put in household waste. Hand it in at an electronic-waste collection point or to the seller when buying a new device. Hand in batteries separately at a battery collection point.
Important: this short guide in English was prepared by HomeSystem s.r.o. for customers of the obchod.homesystem.sk e-shop based on the manufacturer's documentation. In case of differences, the manufacturer's original manual prevails: https://www.gledopto.eu/mediafiles/anleitungen/9156-gl-c-301p-anleitung.pdf
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