

INSTALLATION AND SAFETY GUIDE

Before scanning make sure that the FB (central) button is white, if not reset the panel, refer to page 6.

To activate the configuration mode, press the central button 3 times, now the configuration mode is enabled for 10 minutes.

Download HIGOAL app from the app store and register. Scan will be done when smartphone connected to a 2.4GHZ Wi-Fi.

Enable scan mode by long press FB button until the other buttons blink in red and release, the panel is ready to be scanned.

Tip: short press on the FB button at any stage will restore the panel to the initial state.

Open menu clicking the App logo, and select the first option "Scan". Follow the instructions. Latest panel added will be marked with a green frame.

Hot Tip: We recommend that you name the panel that was added and name all the operation buttons on the panel. Repeat the scan activity for the remaining smart panel installed in your home. Now, all of the panels are connected with one another through the application. Define functions according to your needs. Extended explanation on HIGOAL website: <https://higoal-group.com>



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To activate the configuration mode, press the central button 3 times, now the configuration mode is enabled for 10 minutes.

	Step 1	Step 2	Step 3
Reset panel	Long press the FB (central) button until all button light green	The panel will turn off and then buttons will light in green, red, blue	FB button will light in white – Factory mode
Lock/Unlock from panel	Long press the FB (central) button until it changes to blue (4 seconds)	FB (central) button changes to blue and all buttons are off	Unlock – repeat step 1, the FB will change to green
Lock/Unlock from app	Press the Lock icon in the panel page in the app to Lock/Unlock	Lock icon change state accordingly to the state of the panel	You able to lock from panel and unlock form app and oppsite
Restart panel	Press 1st button and the FB button, repeat 3 times.	Wait a second between click to click 1 → FB → 1 → FB → 1 → FB	

Application:

After scanning all devices (Green FB), you now able to control them through the application. The app allows to edit names and icons of devices, adding them to rooms, creating scenarios and timers, sub-users, projects and more. In HIGOAL website you will find tutorials about the usage of the app, for physical copy please contact by email or phone.

ALWAYS SMARTER

Smart Operation System

2R

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www.higoal-group.com

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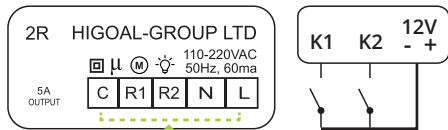
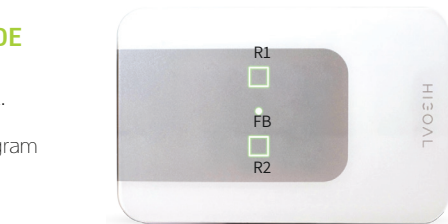
Installation will be performed by a certified expert.
Disconnect main power before installation.
Wires connection will be done according the diagram in the back of the panel.

C = Common power input
R1 = 1st output, 5amp
R2 = 2nd output, 5amp
+12 = 12v power supply, 0.5 amp
-12 = common power supply and dry contact
K1 = Dry contact for R1
K2 = Dry contact for R2

Maintain a steady, straight installation against the wall.

Assembling panel's glass can be done in one direction only.

Assembling the panel to the wall mount (3/4 gang box) using the attached screws. Shutter connection/Wiring A momentary button requires changing the Dipswitch status. A guide is attached to every smart panel.



To use 2 dry contact outputs as 110/220V, bridge between C and L

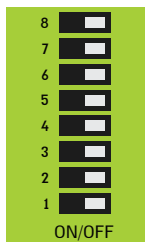
2 dry contact inputs for outputs

In a plaster wall, install a 3-gang wall mount without butterfly screws.



Dipswitch

Under the panel glass there is a dipswitch which used to configure (using the attached pin) On-Off mode / Shutter mode / Shutter work time / Momentary mode / Safety mode. Configure buttons before scanning.



8	*	*
7	*	*
6	Timer On	Timer Off
5	*	*
4	*	*
3	Safety On	Safety Off
2	Timer On	Timer Off
1	Shutter mode	On-Off mode
	ON	OFF

TIME 1	5/8	4/7
1 min	5/8	4/7
TIME 2	5/8	4/7
Momentary	5/8	4/7
TIME 3	5/8	4/7
3 mins	5/8	4/7
TIME 4	5/8	4/7
7 mins	5/8	4/7

* 4 Work times for outputs (Timer Mode, Shutter)

Dipswitch

- Default work time for shutter mode is 1 min, in order to change time, turn dipswitch 2 to On and set dipswitches 4/5
- Dry contacts are parallel to buttons, for integrating 3rd party systems, sensors and external switches
- Built in 12v / 0.5amp power supply for external sensors
- Setting timer mode to output is suitable with external sensor connected by dry contact
- Momentary mode – suitable with HIGOAL dimmer board

Dipswitches 7/8 – Output 2 work time

Dipswitch 6 – Output 2 timer On-Off

Dipswitches 4/5 – Output 1 work time

Dipswitch 3 – Output 1 Safety mode

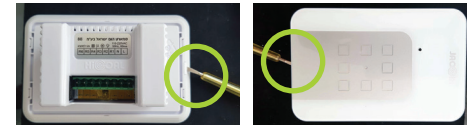
Dipswitch 2 – Output 1 timer On-Off

Dipswitch 1 – Outputs 1/2 Shutter mode

Operation Guide

After connecting and turn on the power, the button LEDs will turn on in blue, and the Central FB button will turn on in White.

Disassembling the glass will be done using a flat screwdriver in the left center of the panel.



Assembling the glass after power on, will be made when the panel is in locked mode.

20 seconds after assembling the glass you will be able unlock the panel, refer to page 6.

Button LEDs will decrease their intensity after 2 minutes, a short press on any button will increase the intensity back.

Operation Buttons' LEDs color

Blue – channel off.
Green – channel On.
Light blue – Copy button.
Yellow – Scenario button.
Red – Momentary button.

FB button LEDs color

Blue – Panel locked.
Red – Network disconnected
Green – Network connected
White – Factory mode
Yellow – FW updated successfully

Download HIGOAL App from App store / Play store, follow instructions and input all user details. Scan each panel separately in order to connect it to the Wi-Fi and App