## CONFIGURATIONS COMMENDS

**In order to perform the following operations (except for panel lock-unlock), click FB button for 3 times, the panel will beep and blink and for 10 minutes you will able to perform the operations.**

| | Stage 1 | Stage 2 | Stage 3 |
|---|---|---|---|
| Resetting the Panel | Press on the **central button** continuously, until all the buttons appear in green | The panel will turn off, and afterwards all the buttons will appear in green, red and blue | The central button will appear in white - Not connected to the router/operation mode |
| Panel lock mode from the panel | Press central button for about 4 sec' until it's color will change to blue and immediately release | The central button changes to blue and the entire panel turns off | To release the lock - Repeat the procedure |
| Panel lock mode from the App | Press the lock icon in the device's page in the app to turn on/off the lock mode | The lock icon changes its mode according to the lock/unlock mode | Locking can be activated from the panel and released from the app and vice-versa |
| Movement Sensor | Press continuously on the desired button in the OFF mode, release immediately when the flashing and quick beeping sound stops<br>*continuing pressing after the beep stops, will switch to scan mode | When done pressing, the button will change from blue to red for one second | Now the sensor will operate the selected channel for 3 minutes.<br>The movement sensor can be activated from the panel and released from app and vice-versa |
| Cancelling the Movement Sensor | Identical Activity<br>Operation same as above ↑ | At the end of the operation, the button will appear red, after one second it will change to blue | |
| Proximity Sensor from the application | In app device's page<br>Green eye icon = Proximity On<br>Grey eye icon = Proximity OFF | While proximity ON, if no movement around the panel, lighting is shut off until there is a movement around the panel. | |
| Restart | Press the 1st button and then the central button, repeat 3 times | Sequence: 1→FB→1→FB→1→FB<br>wait for one second between clicks | |
| Voice indicator for power buttons | Can be controlled from the device page in the App (Speaker button) | Green speakers button = Voice indicator On<br>Gray speakers button = Voice indicator Off | |



| | Stage 1 | Stage 2 | Stage 3 |
|---|---|---|---|
| Button Duplication<br>Note: Only master button can be duplicated (The duplicated buttons output is not in an operational mode) | **1.** Click the button you want to dupliacte (while it's off) until it starts to blink and beep slowly. Now the button is ready to be duplicated | **2.** In the panel you want to duplicate - click the central button and release when it blinks and beeps quickly | **3.** Note: The panel will reset if countinue pressing it.<br>Button which you cannot set as a duplicate will be red |
| | **4.** Click on the button you want to duplicate. Once it turns green click on the central button | 5. Note: the main button still blinks - ready for another dupliaction<br>Proceed the same way for more duplications | **6.** Finish opreation: press shortly on the central button of the main panel and the duplicates will turn to lighe blue<br>Note:Up to 5 duplications |
| Cancel Button Duplication | Main Panel: press duplicated button until it beeps and blinks slowly. for ending press shortly on the central button | Secondary panel: press on the central button until each button blinks and beeps quickly, then click shortly on the central button | |
| Event (Record Panels) - Inter-panel scenario | Recommended: Up to 5 panels per an event.<br>Limitation to 8 panels | **1.** Set on/off for buttons in panel that is part of the event<br>**2.** Press the central button until it blinks and beeps slowly | **3.** Note: The panel will reset if countinue pressing it.<br>Button which you cannot set as a duplicate will be red |
| | **4.** In the panel where the "event button" appears, press continuously on the selected "event button" until it blinks and beeps quickly | **5.** Wait untill all panels beside main panel stop blinking and beeping | **6.** Click shortly at the main panel central button. Now event button will be orange<br>The button output is not in an operational mode |
| Cancel Event | **1.** Press (8 sec') on the event button until it blinks and beeps quickly | **2.** Click on the central button at the main panel | **3.** Now the event button that was orange becomes blue.<br>The button output is in an operational mode |



### Presonal design for each button

**In each panel box (except PT) you will find:**
Scratch template, Dedicated pin, 130 different icons for buttons.
1. Seperate glass from base according to insturctions in page 4.
2. Put the scratch template on the back of the glass
3. With the dedicated pin scrath the fill of the button until you have a clear glass
4. select the desired icon and paste it to the button glass

### Appliation

After scanning all the devices (central button is in green), we can now combine the actions of the devices with the app. the app allow us to select a name and an icon for each device, assign buttons to different rooms, creating scenarios and time them, change permission for different users, creating projects, change language and more.

At the company website, you will find a detailed guide on how to use and config the application and devices.
You can contact us via email and we will send you the guide.

The panel is suitable for installation in a 3 or 4 box-place.
When installing in drywall, usage of a box with reinforcement screws at the sides (butterflies) is not allowed.

# ALWAYS SMARTER

SMART OPERATING SYSTEM FOR THE HOME

PT, 2B, 4B, 6B, 8B

HIGOAL
HIGOAL | SMART LIVING SYSTEM

**HIGOAL-Group LTD.**
www.higoal-group.com

V01.2020

## INSTALLATION AND SAFETY INSTRUCTIONS

**L**=Input Connection Line Conductor [Brown] 220/110VAC
**N**=Input Connection Neutral Conductor [Blue]
**R**=220/110VA Output
**FB**=Central Programming Button
**SB**=Scenario Button


6 Outputs. 5Am each


4 Outputs. 5Am each, 2Am usb


4 Outputs. 5Am each
4 Dry Contacts inputs, parallel to button


2 Outputs. 10Am each
8 Dry Contacts inputs, parallel to button

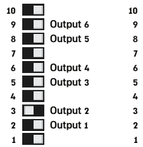

Dupol output, 16Am

Smart panel installation and connection will be implemented by a certified professional. Disconnecting voltage prior to connecting/assembling the Smart Panel. Connecting the input and output voltages to consumers will be according to the connection diagrams on the back of the product.

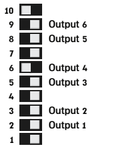
Ensure a level and plumb installation against the wall surface.
The glass panel can only be assembled in one direction.
Ensure that the wiring is tightly connected to the green connector and that the green connector is tightly connected to the panel connector. Connecting the smart panel to the box in the wall, Box 3 or 4, will be done by means of the screws included in the kit.
Connecting the blind/momentary button requires a mode change of the dipswitch.



**Dipswitch: 4B, 6B, 8B**
The dipswitch is located beneath the cover panel. Its function is to define [by a designated pin included in the kit] the on/off mode, the electric blind mode, the operation timeframe for the electric motor, momentary and safety modes.

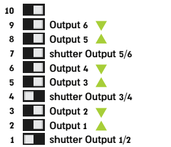



**Output is operated as a momentary button**
Move the intended output switch to ON - the color of the button on the panel will change to red.
Output 2, appearing in the diagram above, is a momentary button, and Button 2 on the panel will act as a momentary button.

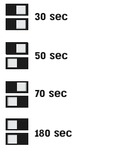



**Output is switched on following a power outage**
To activate the output in the safety mode, move the switch #10 and selected output switch to ON.

Comment: Momentary and Safety modes cannot be defined on the same panel.




**Each adjacent output pair = blind**
For the blind mode, move the suitable "blind setting" switch to the channels to which the blind is connected.
Switches 1 + 4 are moved to on, therefore outputs 1+2 and 3+4 will operates for the electric blind/shutter, while outputs 5+6 are light outputs.




**Defining motor work times**
Changing the mode of a pair of adjacent output switches to the 'blind setting' switch defines the maximum working time for the blind's engine. The switches are active solely in the blind mode.



Outputs defined as blind outputs will always be adjacent output pairs, as shown in the diagram.
**Important Comment: Set channels' mode before scanning the products and its connection to the APP**



**Operating Instructions:**
A few seconds after connecting the power, touch button will light in blue, and the central programming button will light in white.

Removing the panel's glass front cover will be done by inserting a straight screwdriver at the center of the left side of the panel.

Assembly of the panel's glass cover, following its connection to the power, will be done when the smart panel is in the locked mode.
20 seconds after assembly of the panel's glass cover, the locked mode may be canceled. See the explanation on Page 6.

Button lighting weakens after two minutes of non-use.
A short press on one of the operation buttons, including the programming button, increse the intensity of the lighting of the operation buttons.

**Lighting indication of the operation buttons**
**Blue operation button** - Output/Channel in turn OFF mode.
**Green operation button** - Output/Channel in turn ON mode.
**Light Blue operation button** - Replicated button, operation is identical to additional buttons.
**Orange operation button** - event (Scenario) between panels.
**Red operation button** - Momentary Button
[Defined by the mode selector].

**Scan each panel separately to connect them to the home router box and the application.**

**Lighting indication of the central programming button**
**Blue** - Panel locked Child Lock Mode
**Red** - The panel has no communication with the internet.
**Green** - The panel is connected to the internet.
**White** - Factory mode \ after resetting
**Orange** - The panel after version update.
Download the HIGOAL application from the app store and fill out the user details according to the instructions.



## SCANNING THE PANEL AND CONNECTING TO THE APPLICATION

**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 one of the operation buttons until the FB (central) button blink in green and release, a few moments later the corner buttons will light in blue, 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 panels installed in your home. Now, all of the panels are connected with one another through the application.

Define functions according to your needs.
Extanded explanation in the application guide on HIGOAL website: www.higoal-group.com