

# LightSync G3 MZD Switch Station Programming Technical Bulletin

The LSG3 MZD switch should be factory set for the button configuration provided.  
To change the configuration and buttons refer to PD0628 and PD0629.  
This LSG3 MZD switch station will use two LightSync device address, one for the Zone, Off and Raise lower buttons. The second address will be for the individual dimming control per zone operation. The 5 and 6 zone stations will use three LS addresses. All LS device addresses will be in suction form the first address set at the back of the station.

Configuring the LightSync G3 device with the LightLEEDer panel keypad or LL-Pro software:

- 1 Navigate to **Switch Inputs**, then **Configure Inputs**.
- 2 Select the LightSync Device hex number to be used for this station.
- 3 Select the device type or button count needed, a 3-Zone MZD will use 6 buttons.
- 4 Change each Zone Buttons **Type A** input to a **"Push Button Toggle"**
- 5 Set the **Input Toggle Source Relay** to the load relay to be controlled.  
Example: **"Node: 01"** and **"Relay: 01"** for the first relay in the panel.
- 6 Set the **Pilot Configuration** to the status operation and load relay controlled.  
Example: **"Relay On"**, **"Node: 01"**, **"Relay: 01"**
- 7 Navigate to **Relays, Input Mapping, Local Input To Relays**. Select **"On/Off"** action for relay 1, from input 1, of the device.
- 8 Repeat this process for **all** Zone buttons on the device.
- 9 For input 4 in our example, the Off button you will select **"Push Button Off"** for Type A
- 10 The toggle source will not need configuration, and the pilot will be configured for **"Always Off"**
- 11 Under relay mapping you will select **"Off"** as the action.
- 12 For the Ramp-Up and Ramp-Down buttons (5 & 6) you can select **"Push Button ON"** and **"Push Button Off"** for a single button action.
- 13 These buttons are not mapped to relays and the Pilot should be set for **"Always Off"**
- 14 For the 2nd device address set the station for **"Type: 6 Button / 8 Input"** each input is programmed as a **"Push Button ON"** or **"Push Button Off"** just like the Ramp-Up/Dn button on the first device address. Toggle Source and Pilots can be ignored.
- 15 Navigate to **Other Devices, Dimmer Outputs, Configure Dimmer Outputs** then enable the dimmer output device to be used.
- 16 The 2nd device address buttons will be mapped as **Control Options** for each dimmer output select a Control option line and set **"Control - Input"**,
- 17 Then the panel **Node, Device and Input** for the 2nd address buttons for dimming
- 18 Action is **"Ramp-Up"** or **"Ramp-Down"**, **"Fade"** or **"Instant"**, and **"Never Revert"**

#### Note:

In the LightLEEDer Software use the *Quick Links* navigation to jump from input to relay output or input to dimmer output and back.

The Input 8 Pilot is left at **"Always ON"** and will look to the other pilots on the station, activating the Finder LED when all pilots are Off. to disable this select **"Always Off"** for the Input 8 Pilot.

