



Wall Panel X  
Quick Start Guide

# Wall Panel X

## Quick Start Guide

The Green-GO Wall Panel X enables you to communicate over the Green-GO network in a private talk (on a headset) or to a room (through the internal or external speaker). It is also able to broadcast announcements and program audio.

### Features

- Assign users or groups to up to 32 available channels
- Assign an extra set of channels for the speaker
- 1x RJ45 port
- 1x 4-pin XLR port for headset connection
- Connect an external speaker up to 10 watts
- Powered by PoE (802.3af-2003 standard)

## Setup menu navigation

Simultaneously pressing the encoder and the *enter setup* field on the touch screen will open the setup menu of the Green-GO Wall Panel X. Once in the menu, the encoder will allow you to navigate through the menu and set a parameter. Pushing the encoder will confirm your selection.

## Setup menu overview

The setup menu offers a range of different settings to modify your device. The menu sections and their supplementary options are described in detail below.

### Modifying the program audio parameters

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Here you can set the Program Audio for the Headset part of the Wall Panel X

#### Program Audio

- Src** → Select the program audio source. This will open up a list of sources that can be selected as the program audio source (Program, Stage, Sound, Light, Video, etc.).
- Vol** → Set the volume of the program audio. The range of the volume can be altered between 12dB and -36dB. To mute the program audio, scroll past -36dB and the MUTE value will show up.
- Dim** → Attenuate the program audio during communication. Attenuation can be altered from 0dB to -12dB to -24dB, and a mute option when you scroll past -24dB.

## Assigning groups and users to channels

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Here you can set the Channel Assignment for the Headset part of the Wall Panel X

### Channel Assignment

**1-32** → Select one of the 32 available channel to assign a user or group to.

**ID** → ID of the user or group assigned to the channel

**Group** → Assign a group to the channel

**User** → Assign a user to the channel

**None** → Remove assigned group/user from the channel

**Set Label** → Set a different label for the channel

**Group** → Select a group label

**User** → Select a user label

**Clear** → Clear the label set

**Talk** → Set the way the Talk button acts when pressed

**Latch / Momentary** → Short press: Latch / Long press: Momentary.

**Latch** → Pressing the Talk button enables talking, pressing again disables talking

**Momentary** → Talk button must be kept pressed to enable talking

**Disabled** → Disable talking for this channel

**Listen On / Listen Off**

**Listen On** → Enable listening to this channel

**Listen Off** → Display will still indicate talking, but audio will be off

**Volume** → Set the volume for this channel. The range of the volume can be altered between -12dB and 24

**High Priority / Normal Priority / Low Priority** → Set the priority level of the channel - see also **Priority dim** in the Options menu

**Call Send Enabled / Disabled** → Enables or disables the ability to send calls from the channel

**Call Receive Enabled / Disabled** → Enables or disables the ability to receive calls on the channel

**An** → Assign a group to be handled as Announce Channel

**Em** → Assign a group to be handled as Emergency Channel

## Audio Settings

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Here you can Determine the Audio settings for the Headset part of the Wall Panel X

### Audio Setting

- Load Profile** → Select a custom or pre-programmed Audio Profile.
- SideT** → Set the amount of side tone in the headset. Range mute, -24 through 0dB.
- AutoGain** → Set the auto input amplification level speed or turn it off.
- MaxG/Gain** → Set the maximum amplification or input gain depending if AutoGain is enabled
- Thld** → Noise Gate gain setting. Range off, -45 through -20 dB
- Hold** → Noise Gate time setting. Range Fast through X-Long
- Bias** → Switch ON/OFF a 2.5V bias voltage on the XLR4 microphone.
- In** → Select the audio input, (either Headset or test tone).

## General options

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### Options

- Active Time** → Set time for a channel to be active after the last audio activity. Editable range is 0.5 – 5.0 seconds.
  - Isolate** → When ON all other channels will be mute when talking.
  - Priority Dim** → Set dimming level of a lower priority channel if a higher priority channel becomes active / Range: 0dB to -24db, MUTE
  - Direct Volume** → Set volume for direct channels / Range: 12db to -36dB, MUTE
  - Direct Priority** → Set priority for direct channels: Low / Normal / High
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## Speaker Options

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The Speaker has a separate audio engine. This engine can have its own User and Channel Settings. The speaker only sounds one channel and can be quickly switched between direct access channels.

### Speaker Options

<b>Source count</b>	→ Set the Amount of Direct access channels for the speaker
<b>Speaker volume</b>	→ Set the volume of the speaker. Range: Mute, -48 dB through 0 dB
<b>Headset Mix</b>	→ The amount of the Head set user mixed into the Speaker engine. Range: mute, -42 dB through 6 dB
<b>Channel Assignment</b>	→ Set the channels for the Speaker user. See: Assigning groups and users to Channels
<b>Program Audio</b>	→ Set the Program Audio for the speaker. See: Program Audio
<b>Set User</b>	→ Selection of the designated user of the speaker

## User selection

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**Set User/Mode →** Selection of the designated user for the Headset

**StageManager**  
**FOH**  
**Monitor**  
**Director**  
**Dressingroom 1**  
**Dressingroom 2**  
etc.

## Connection configuration

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**Connection** → Set the type of connection to be used

- Local Connection** → Use local connection (default)
- Remote Connection** → Use remote connection
  - Password** → Set the password
  - Generate password** → Generate a new password
  - Remote Port** → Set the remote port to be used
  - Remote IP** → Set the remote IP to be used
  - Backup** → OFF / 0.0.0.1
  - SndBuf** → Default / Small / Normal / Large
  - RecvBuf** → Auto / Small / Normal / Large
  - Save** → Save the current Remote Connection setup
- Latency Connection** → Use latency connection
  - Audio** → Normal / Compressed
  - FEC** → Set the Forward Error Correction type used  
--- / On / Compressed
  - Latency** → Low, Medium, High
  - Save** → Save the current Latency Connection setup

## Configuration cloning

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**Clone Config** → Clone a configuration file from the network

- Configuration File A → Load configuration file A
- Configuration File B → Load configuration file B
- etc.

**Factory Default** → Load the factory default configuration file

## Network settings

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**Dynamic**

- ON** → Use a dynamic IP (default)
- OFF** → Use a static IP
- IP address** → Set the IP address to be used
- Netmask** → Set the netmask to be used
- Gateway** → Set the gateway to be used

**Save** → Save the current network setup

## Device options

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### Device Options

- Scr Saver** → Set the amount of time since the last activity before the display turns off. Range: Always On – 10 s – 30 s – 1 min – 10 min – 30 min – 1 hour – 2 hours
- Scr bright** → Set the brightness of the screen / Range: 0 – 15
- LED bright** → Set the brightness of the LEDs / Range: Off – 1 through 6 – Max

## Device information

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**Info** → Shows general information about the Wall panel X

**SN: xxx** → Serial number of the Wall panel X

**Wpx 4a61** → Firmware information

**Wpx 4a61** → Firmware version

**Nov 16 2018** → Date of firmware build

**09:32:09** → Time of firmware build

**IP: xxx.xxx.xxx.xxx** → IP address of the Wall panel X

**Mac: xx:xx:xx:xx:xx:xx** → Mac address of the Wall panel X

**Reset All Settings** → Resets all IP, Audio, User and Channel settings (configuration file is not changed)



## Technical specifications

Power: Power over Ethernet (IEEE 802.3af)  
Dimensions: 81 x 150 x 30 mm  
Weight: 480 gr.

## General safety instructions

Read all instructions - especially the safety requirements - in the user manual before use. Save these instructions - the safety and operating instructions should be retained for future reference. Carefully follow all instructions.

### Cleaning

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Disconnect all connected supply and signal cables before cleaning the unit. Clean with a dry cloth. Do not use any liquids or aerosols on the unit.

### Usage

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Do not use the unit near water or moisture. - Do not block any ventilation openings, they are necessary for the essential airflow within the unit and protect it against overheating. - Install in accordance with the manufacturer's instructions. - Do not insert any objects through the ventilation slots of the unit, as these could come in contact with live parts or could cause short circuits. This could cause electric shock and/or fire. - Do not install near any heat sources such as radiators, stoves or other apparatus (including amplifiers) that produce heat. - Unplug this apparatus during lightning storms or when unused for long periods of time. Do not place the unit on unstable surfaces.

### Servicing

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Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way such as; damage to the power supply cord or plug, spillage of liquids, objects falling into the apparatus, exposure to rain or moisture, abnormal operation or falling damage. In all of the previous conditions, disconnect the main plug immediately and call your distributor or technical support!

## WARNING

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,  
DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE**

We,

**Manufacturers name:** ELC lighting b.v.

**Manufacturers address:** Weerijds 8  
5422 WV Gemert  
the Netherlands

Herewith take the full responsibility to confirm that the product

**Product Category:** Communication equipment

**Name of product:** GGO-WPX

Which refer to this declaration are manufactured in the Netherlands and complies with the following product specifications and harmonized standards:

**Safety :** LVD (Low Voltage Directive) 2014/35/EU, EN62368-1

**EMC :** 2014/30/EG, EN55032

**ROHS (II):** 2011/65/EU

With the presumption that the equipment is used and connected according to the manual, supplied with the equipment. All signal input- and output connections must be shielded and the shielding must be connected to the ground of the corresponding plug.

Gemert, November 20, 2018

ing. Joost van Eenbergen

