

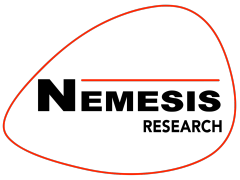
# PERFORMANCE INSURANCE

PRODUCTION TOOLS • SHOW CONTROL • BACKUP SOLUTIONS

## OSCA-04

### 4-Channel OSC Relay Output

## USER GUIDE



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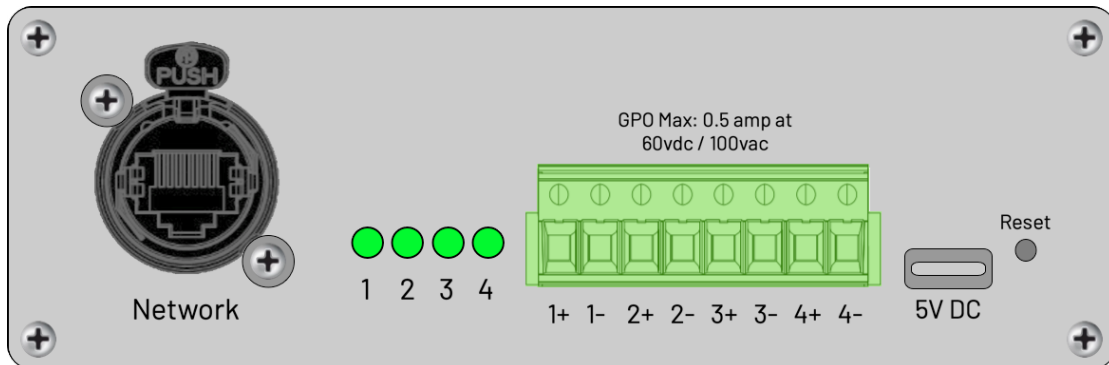
## Overview

The OSCA-04 is a next generation multiple command destination show control solution featuring OSC Network input, POE or 5v DC powering and four independent "volt-free dry closure" relays rated at 0.5 amp 60vdc or 100vac (max)

## Front Panel



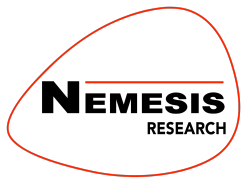
## Rear Panel Connections



**Power & Network** – OSCA can be powered by POE or 5v DC via the USB C port

**4 Display LED's** – LED will come on when relay is closed

**GPO Relays** – 4 Volt-free dry closure relays rated at 0.5 amp 60vdc or 100vac (max). Connect your device across a pair marked +/- . Do not exceed the current or voltage of 0.5 amp 60vdc or 100vac per relay otherwise damage will be incurred. Do not connect 240v AC units directly to the OSCA-04.



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## Network Settings

Default IP settings

IP Address	192.168.1.253
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
DNS Main	192.168.1.1
DNS Backup	192.168.1.1
Network Device Name	OSCA-04
OSC Listen Port	53500

In order to change settings navigate to the device's IP address (default: 192.168.1.253) on the network using a web browser or use its network device (default: OSCA\_04) and navigate to the "Network page"

In order for changes to take effect press save and then restart (Please note if you have changed IP address or device name the page may not refresh, and you will need to open a new tab in your browser with the new user settings).

## Relay Settings

You can Manually toggle the 4 relays using the toggle switches on the relays setting page. This will also update if the relay state is changed via OSC.

To turn relays on and off send the following messages to the device via OSC (make sure the transmitting device's send port matches the device's listen port and is sending to the correct IP address).

Address	Integer Argument	Action
/relay/1	1	Relay 1 On
/relay/2	0	Relay 2 Off

You can also use wildcards to address multiple relays:

Address	Integer Argument	Action
/rela/y[1-3]	1	Relay 1,2,3 On
/relay/[1,4]	0	Relay 1,4 off

You can also pulse a relay for a duration between 100 and 3000ms:

Address	Integer Argument	Action
/relay/[1-3]	500	Relay 1,2,3 On for 500ms

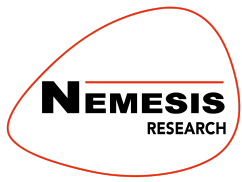
## Firmware Update

If connected to the internet you can use the Firmware update page to install latest firmware from the Nemesis server.

## Additional Information

Power

OSCA can be powered by POE or 5v DC via the USB C port



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## Factory Reset

Press the reset button at power on to reset the network settings to default. Please then power cycle the unit for the changes to take effect.

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