

Installation and Setup

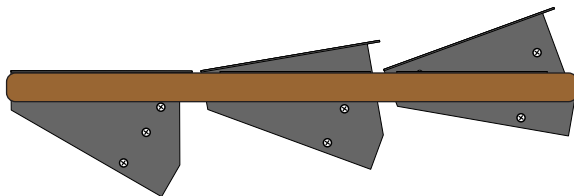
The SideShot-NG connects to the Acuity® switcher to provide a customizable interface for running custom controls.

Installation

SideShot-NG can be installed onto a desk, into the desk using the supplied mounting brackets, or onto a standard VESA mount.

Desk Mounting

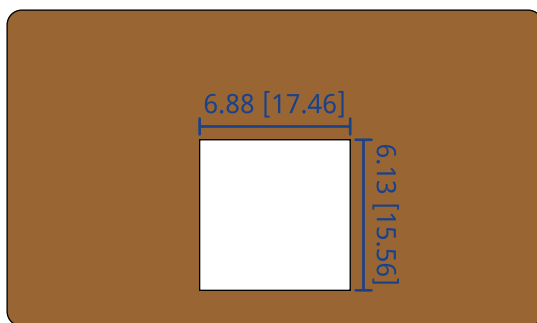
SideShot-NG can be mounted into a desk in either a flat or sloped position. How you want the enclosure to be positioned determines where the mount brackets are installed.



If you are sitting the enclosure onto a desk you do not need to install the mounting brackets.

Desk Cutout

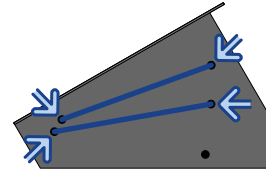
The desk cutout size for the enclosure is the same if you are mounting it in the flat or a sloped position.



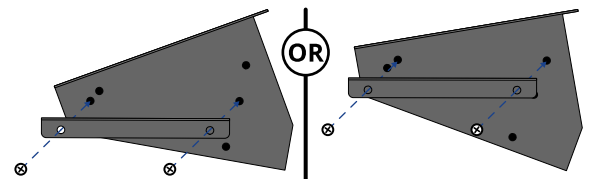
To Install the In-Desk Mounting Brackets

1. Select the mounting option you want to use for how the enclosure is installed.

2. Remove the mounting screws from the sides of the enclosure for the mounting option you have chosen.

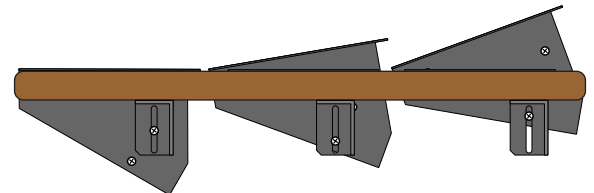


3. Install the mounting bracket onto the sides of the enclosure using the screws you just removed.



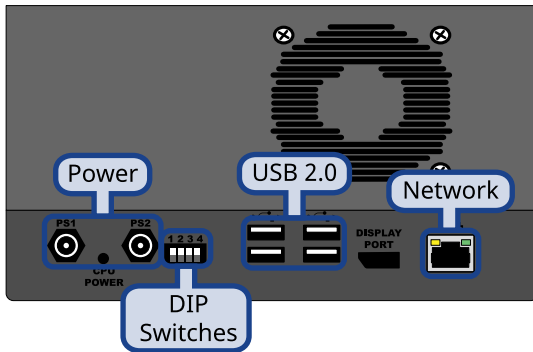
4. Install the enclosure into the desk.
5. Install the desk clamp into the indicated hole on the sides of the enclosure and press it up tight to the underside of the desk as you tighten the screw.

Tip: You can screw the desk claps to the underside of the desk if extra stability is needed. These screws are not provided.



Cabling

The SideShot-NG connects to the switcher over a standard ethernet connection.

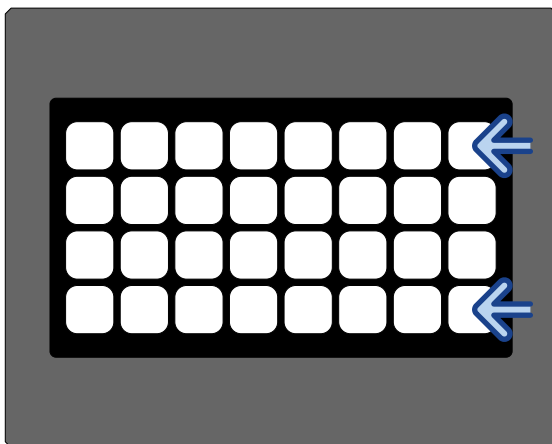


Important: Always connect the 12V DC Power Supply to the enclosure before connecting the AC mains power. Connecting the power supply to the AC mains power before connecting to the enclosure could damage the unit.

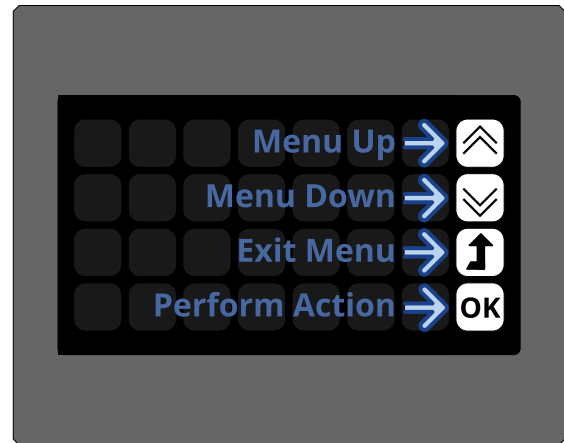
Button Menu

Place the SideShot-NG in menu mode to view the network settings and reboot or shutdown the unit.

To enter the button menu, press and hold the upper-right and lower-right buttons until the menu appears (about 4 seconds).



Use the buttons on the right to navigate through the different pages of the menu.



Network Menu

Shows the current network settings of the unit. This includes IP address, subnet mask, and MAC address.

Note: You cannot change the settings from this menu.

DIP switch setting may override these settings.

Brightness Menu

Change the brightness of the buttons on the unit. This setting is changed back to 100% on a reboot or power cycle.

Power Down Menu

Shut down the SideShot-NG application. When the application is powered down it is safe to unplug the unit. The cooling fan and backlight will continue to function even when the application is shut down.

1. Press **OK**.
2. Press **OK** again to confirm the power down or navigate away from the menu to cancel.

Reboot Menu

Reboot the unit.

1. Press **OK**.
2. Press **OK** again to confirm the reboot or navigate away from the menu to cancel.

Font Size Menu

The default font size used on the buttons of the unit.

Note: This setting is currently not used.

Change Mode Menu

Select the mode you want the unit to operate in.

- **Acuity** — select this mode if you are connecting to an Acuity® family of switcher.
- **Custom**(Beta) — select this mode to use custom DashBoard panels.



Important: The DashBoard interface with custom panels has no been fully tested.

Button Debounce Time

Select the amount of time between when a button is pressed and another button press is registered. This prevents the system from registering multiple button presses when you only intent one.

- **Step** — select the number of seconds you want to adjust the Time setting by. If you select 5, the **Time** jumps in 5-second intervals with each adjustment.
- **Time** — select the amount of time (milliseconds) you want to pass after a button is pressed before another button press is registered. The time interval jumps by the **Step** setting.

Setting Up Communications with Acuity®

To use SideShot-NG with Acuity® you must set up communications between the two. Once communications are set up you can configure the particular module that you have installed in the SideShot-NG. Refer to the documentation that came with your switcher for information on mapping a module to a control panel and setting up that module.

To Set Up Communication with Acuity

Note: You cannot have more than one SideShot-NG, SideShotNet, SideSlideNet, and SideStick on the same external row. For example, you cannot have two SideStick modules on the same row, but you can have a SideShot-NG and a SideStick on the same row.

1. Press Press **HOME** > **Setup** > **Installation** > **Com Setup**.
2. Press **Type** and use the **Com Port** knob to select the **Remote** or **PanelNet** port that you want to use to connect to the enclosure.
3. Use the **Device** knob to select **OGP**.
4. Press **Select Device** and use the **Device** knob to select **ePCH**.
5. Press **Com Type** and use the **Type** knob to select **Network TCP**.
6. Press **Com Settings** and use the following information to set up communications.

Option	Value
Primary/Alternate	Use the Primary/Alternate knob to select Primary (default).
Client/Server	Use the Client/Server knob to select Client .
Remote IP Address	Enter the IP address of the enclosure.
Remote Port	Leave as 5253 (default)
Local IP Address	Leave as 0.0.0.0 (default)
Local Port	Leave as 0 (default)

7. Press **Extra Options**.

Option	Value
Unit ID	Each enclosure must be assigned to a different number (1-15).

Option	Value
Row	Select the panel row that you want to assign the enclosure to. The panel row corresponds to the enclosure. The module assigned to row 1 is numbered 1 in the menus (SideShot-NG1 for example).
First Fader	This setting is not used for the SideShot-NG.

8. Press **HOME** > **Confirm**.

When the switcher connects to the SideShot-NG the buttons on the enclosure show the custom controls assigned to the default Shot Box Page.

Refer to your Acuity manual for information on setting up Shot Box pages.

DashBoard Menu

Connect to the SideShot-NG from DashBoard to configure network settings, alarms, and diagnostics.

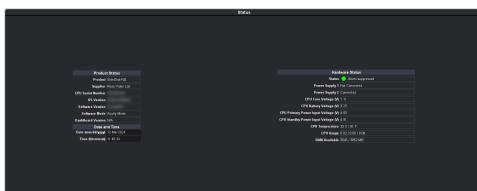
Status

The status menus show information for various components of the enclosure.

To View Status

From the tree view for the enclosure, double-click **Status**.

Tip: If you are already on the **Configuration** menu, you can click **Status**.



- **Product** — product description
- **Supplier** — supplier of the product
- **CPU Serial Number** — serial number of the product.

- **OS Version** — current version of OS that the device is operating on.
- **Software Version** — current version of the software running on the device.
- **Software Mode** — current mode that the software is operating in.
- **DashBoard Version** — n/a
- **Status** — current alarm status.

Tip: Alarms can be disabled from the **Configuration** > **Alarm Enables** page.

- **Power Supply 1** — status of the power supply connected to the PS1 connector.
- **Power Supply 2** — status of the power supply connected to the PS2 connector.
- **CPU Core Voltage (V)** — current CPU core voltage.
- **CPU Battery Voltage (V)** — current CPU battery voltage.
- **CPU Primary Power Input Voltage (V)** — current CPU primary power input power voltage.
- **CPU Standby Power Input Voltage (V)** — current CPU standby power input power voltage.
- **CPU Temperature** — current CPU temperature.
- **CPU Usage** — current CPU usage
- **RAM Available** — current available RAM vs total.

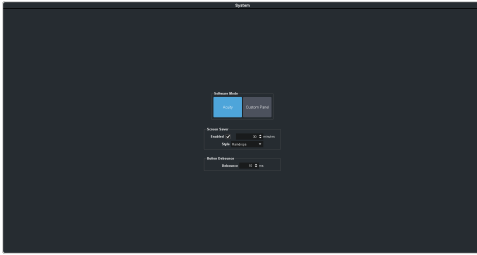
System

Configure the software mode of the SideShot-NG as well as set a screen saver for the buttons.

To Set the Software Mode

1. From the tree view for the enclosure, double-click **Configuration** > **System**.

Tip: If you are already on the **Status** menu, you can click **Configuration**.



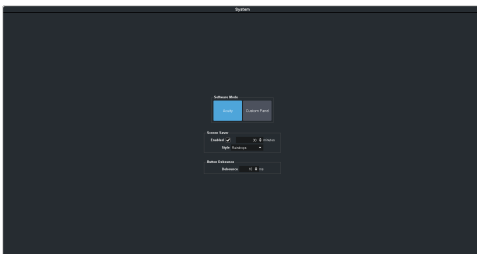
2. Select the **Software Mode** you want the enclosure to operate in.
 - **Acuity** — select this mode if you are connecting to an Acuity® family of switcher.
 - **Custom Panel**(Beta) — select this mode to use custom Dashboard panels.

To Set the Screen Saver

Note: The screen save only applies when the enclosure is in **Custom Panel** mode.

1. From the tree view for the enclosure, double-click **Configuration > System**.

Tip: If you are already on the **Status** menu, you can click **Configuration**.

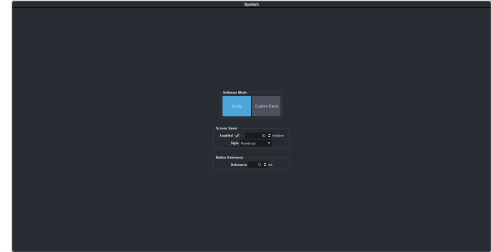


2. In the **Screen Saver** area, select **Enabled** to turn the screen saver on.
3. Enter the amount of time, in minutes, that you want to wait after the last button press on the enclosure before turning on the screen saver.
4. Click the **Style** list and select the style or pattern you want to use for the screen saver.

To Set the Button Debounce Time

1. From the tree view for the enclosure, double-click **Configuration > System**.

Tip: If you are already on the **Status** menu, you can click **Configuration**.



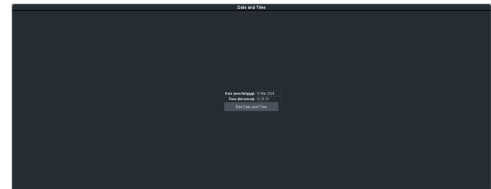
2. In the **Button Debounce** area, select the amount of time (milliseconds) you want to pass after a button is pressed before another button press is registered.
3. Enter the amount of time, in minutes, that you want to wait after the last button press on the enclosure before turning on the screen saver.
4. Click the **Style** list and select the style or pattern you want to use for the screen saver.

Date and Time

You can set the date and time for the SideShot-NG.

To Set the Date and Time

1. From the tree view for the enclosure, double-click **Configuration > Date Time**.



2. Click **Edit Date and Time**.
3. Click the **Date** list and navigate to the current date.
4. Click the **Time** list and select the current time.
5. Click **Save**.

Network Settings

All SideShot-NG units come from the factory set with a static IP address (192.168.2.10) but can be set to use DHCP to automatically obtain an IP address.

Tip: You can force the unit to use DHCP for initial discovery and setup using the DIP switches on the back of the unit. Refer to [DIP Switches](#) on page 8 for DIP settings.

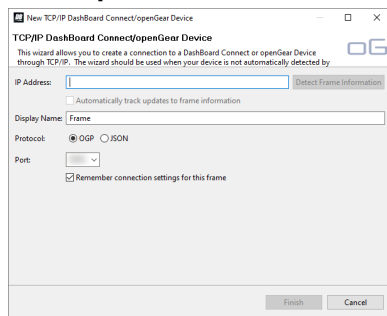
Tip: You can use the Button Menu to see the IP address and MAC address of the unit.

To Connect DashBoard to the SideShot-NG

Connect to SideShot-NG from DashBoard to change the network settings, date, and copy logs.

You need the IP address of the SideShot-NG to connect to it from DashBoard. This information is available from the button menu on the unit.

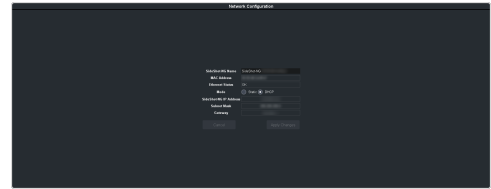
1. Click **File > New > TCP/IP DashBoard Connect or openGear Device**.



2. In the **IP Address** field, enter the IP address of the unit. The default IP address is 192.168.2.10.
3. In the **Display Name** field, enter the name you want to use to identify the unit in DashBoard. This should be a unique name for the unit you are setting up.
4. Select **OGP**.
5. In the **Port** field, enter the 5255.
6. Click **Finish**.
The SideShot-NG appears in the **Tree View**.

To Configure the Network Settings

1. From the tree view for the enclosure, double-click **Configuration > Network**



2. Enter the ethernet settings for your enclosure.

Item	Description
Name	Enter the name you want to apply to the enclosure. This is the name that appears in the DashBoard tree view. The default name is SideShot-NG followed by the MAC address.
Mode	Select whether to use a static IP address (Static), or obtain an IP address (DHCP). For a static IP address, enter the IP address (IP Address), subnet mask (Subnet Mask), and gateway (Gateway) you want to use. You can also enter the domain name services (DNS) if you have them.
IP Address	Enter the IP address for the enclosure you are connected to.
Subnet Mask	Enter the subnet mask for the enclosure you are connected to.
Gateway	Enter the gateway for the enclosure you are connected to.

3. Click **Apply Changes**.

Alarms

DashBoard will show an alarm if certain conditions are detected. You can disable these alarms.

To Disable an Alarm



Important: Disabling an alarm is not recommended.

1. From the tree view for the enclosure, double-click **Configuration > Alarms Enables**



2. Clear the selection for the alarm(s) you want to disable.

Tip: If you do not have a redundant power supply, you can disable the alarms for the PS that is not connected.

Logs

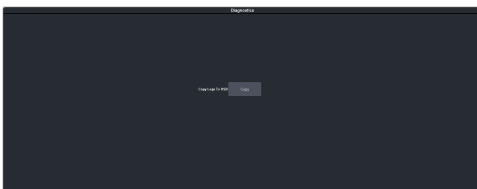
Logs can be used to identify and diagnose problems with the SideShot-NG. Use this information when contacting Ross Video Technical Support.

To Copy Logs To a USB

Logs can be stored onto a USB to be sent to technical support to diagnose problems with your system.

Note: Logs must be copied before a reboot or power-cycle of the switcher, or the information in them will be lost.

1. Insert USB drive into the USB port on back of the unit. Wait 5 seconds after inserting the USB drive before using it.
2. From the tree view for the enclosure, double-click **Configuration > Diagnostics**.



3. Click the **Copy Logs To USB** button to copy the switcher logs to the USB drive.

The logs have been copied to the USB drive.

Software Upgrade

The software on the SideShot-NG is upgraded through DashBoard.

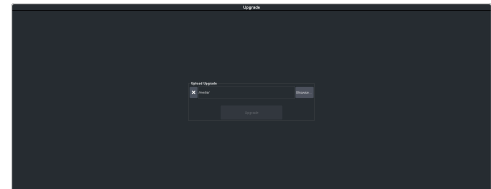
For the upgrade you will need the SideShot-NG-###.tgz upgrade file.

To Upgrade the SideShot-NG

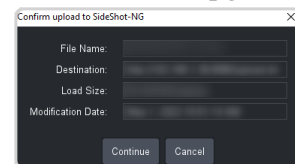
Upgrade the software on the enclosure.

Before starting the upgrade you will need the SideShot-NG-###.tgz upgrade file.

1. From the tree view for the enclosure, double-click **Configuration > Upgrade**.



2. Click **Browse...** and navigate to the SideShot-NG-###.tgz upgrade file.
3. Select the upgrade file and click **Open**.
4. Click **Upgrade SideShot-NG**.
5. Click **Yes**.
6. Click **Continue** to upload the upgrade file to the unit and start the upgrade.



7. Wait for the DashBoard pages to come back up. This may take a few minutes.

Custom Panels (Beta)

You can use custom DashBoard panels (grid files) to assign special functions to the buttons on the SideShot-NG.

Note: This feature is in Beta and not fully tested.

To Upload and Activate a Custom Panel

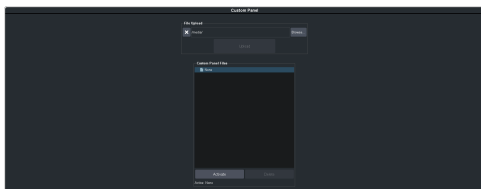
Custom panel are uploaded and stored on the enclosure. You can activate any custom panel that is stored on the enclosure.



Important: The SideShot-NG must be in **Custom Panel** mode to use a custom panel. Refer to [To Set the Software Mode](#) on page 4.

Tip: A number of example custom panel files are provided on the USB or in the upgrade download package. You can use these files as a basis to create your own custom panels.

1. From the tree view for the enclosure, double-click **Configuration > Custom Panel**.



2. In the **File Upload** area, click **Browse...** and navigate to the custom panel file (.grid) that you want to upload to the enclosure.
3. Select the file and click **Open**.
4. Click **Upload**.
5. Click **Yes**.
6. Click **Continue** to upload the file to the unit.
7. In the **Custom Panel Files** list, select the file you want to make active on the enclosure.

Tip: You can delete a file from the enclosure by selecting it and clicking **Delete**.

8. Click **Activate**.

The word **LOADING...** is shown on the buttons of the SideShot-NG as the grid file is being loaded.

DIP1	DIP2	DIP3	DIP4	Function
		ON		Reset the root password.

DIP Switches

The UP position for the DIP switch is OFF.

Note: DIP switches 1 and 2 are used together. DIP switch

DIP1	DIP2	DIP3	DIP4	Function
OFF	OFF			User IP Settings
OFF	ON			Force DHCP
ON	OFF			Force Static IP • IP: 192.168.2.10 • Netmask: 255.255.0.0
ON	ON			Force Static IP • IP: 10.1.2.10 • Netmask: 255.255.0.0

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