

Ross Video Acuity Switcher Legacy

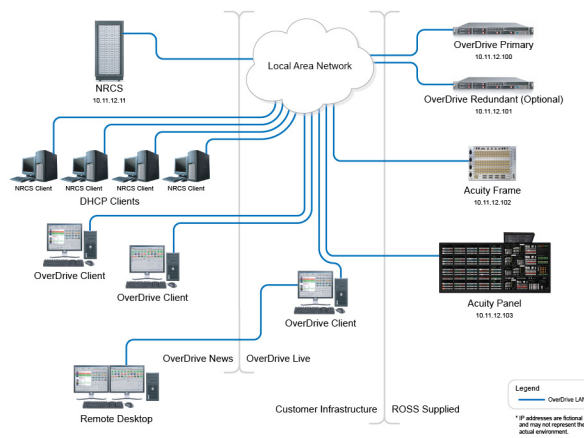
This device setup sheet provides instructions to directly connect an OverDrive system with a Ross Video Acuity switcher.

The following topics are discussed in this Caprica device setup sheet:

- OverDrive Server System
- Switcher Communications Setup
- OverDrive Communications Setup
- Configure OverDrive to Acuity Communication Settings

OverDrive Server System

The following diagram illustrates the cabling layout of the OverDrive Server System when connected to a Acuity switcher.



OverDrive System with a Acuity Switcher

★ In a Acuity MultiPanel configuration, OverDrive is only able to interface with the Master Panel. OverDrive cannot interface with the Satellite panels in a Acuity MultiPanel configuration.

Network Connection

To connect the OverDrive computer to an internal network, connect a network cable to the Network port on the back of the OverDrive computer. Cabling to connect to an internal network is not provided with OverDrive Standard Server Systems.

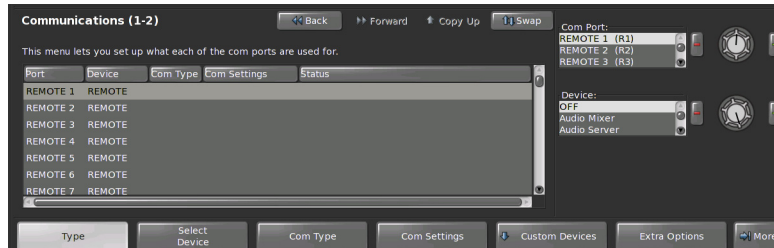
Switcher Communications Setup

The switcher needs to be set up with the communications port that the OverDrive Production Control System is on, as well as the type, transmission standard, and the protocols for communication between the OverDrive and switcher.

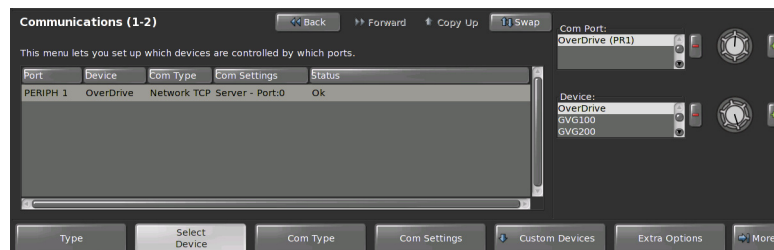
The OverDrive Production Control System requires communications setting for both the serial communications port it is assigned to, as well as the External Link port it is connected to.

To configure a serial communications port switcher to communicate with an OverDrive System:

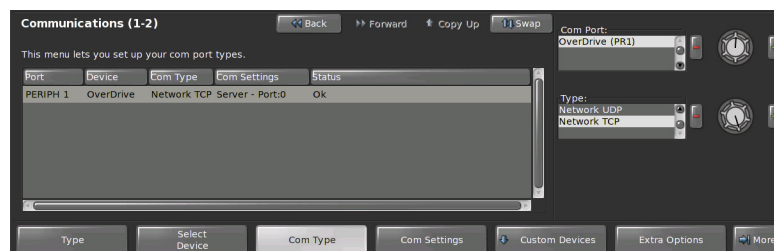
1. Navigate to the **Communications Menu (1-2)** by pressing **Home > Setup > Installation > Com Setup**.
2. Press **Type** on the **Communications Menu 1-2**.



3. Assign a serial communications port to OverDrive as follows:
 - a. Use the **Com Port** knob on the **Communications Menu 1-2** to select the Peripheral port on the switcher (**PERIPH 1 (P1)** to **PERIPH 4 (P4)**) that is assigned to OverDrive.
 - b. Use the **Device** knob on the **Communications Menu 1-2** to select **Editor**.
4. Press **Editor Protocol** on the **Communications Menu 1-2**.



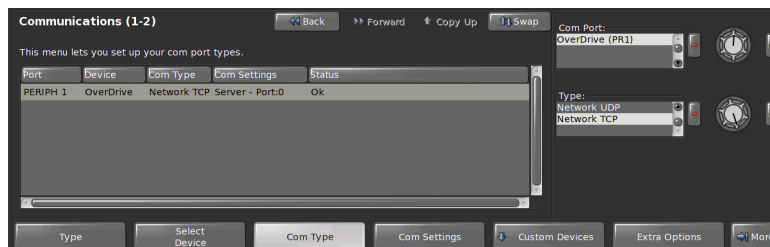
5. Select the device you want to assign to the Editor communications port as follows:
 - a. Use the **Com Port** knob on the **Communications Menu 1-2** to select the communications port that you want to assign OverDrive to.
 - b. Use the **Device** knob on the **Communications Menu 1-2** to select **OverDrive**.
6. Press **Com Type** on the **Communications Menu 1-2**.



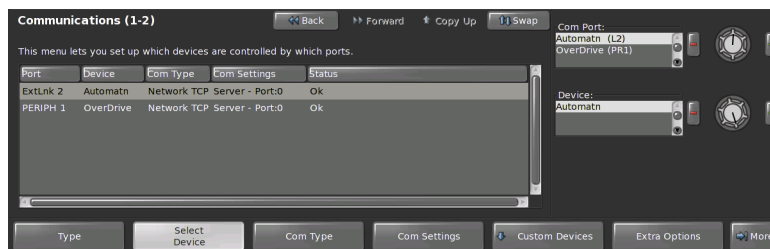
7. Select the type of communication that is used to communicate with OverDrive as follows:
 - a. Use the **Com Port** knob on the **Communications Menu 1-2** to select the OverDrive port you are setting the communications type for.
 - b. Use the **Type** knob on the **Communications Menu 1-2** to select the type of communications for the selected port. Refer to the section "**OverDrive Communications Setup**" on page 4–4 for the specific settings for OverDrive. You can choose between the following:
 - **Network TCP** — Select this port type when OverDrive is connected to the switcher over a network using the TCP/IP transmission standard.
 - **Network UDP** — select this port type when OverDrive is connected to the switcher over a network using the User Datagram Protocol.
8. Press **HOME** to display the **Installation Change Confirmation Screen**.
9. Accept or reject the changes you have made as follows:
 - a. Press **Confirm** to accept the changes.
 - b. Press **Cancel** to exit the menus safely, without making any changes. The switcher returns to the previously stored settings.

To configure the External Link 2 port on switcher to communicate with an OverDrive System:

1. Navigate to the **Communications Menu (1-2)** by pressing **Home > Setup > Installation > Com Setup**.
2. Press **Type** on the **Communications Menu 1-2**.

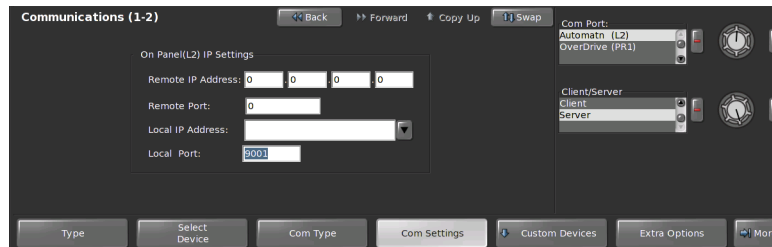


3. Assign the External Link 2 port to OverDrive as follows:
 - a. Use the **Com Port** knob on the **Communications Menu 1-2** to select **ExtLnk 2 (L2)**.
 - b. Use the **Device** knob on the **Communications Menu 1-2** to select **Automation**.
4. Press **Select Device** on the **Communications Menu 1-2**.



5. Select the device you want to assign to the External Link 2 port as follows:
 - Use the **Device** knob on the **Communications Menu 1-2** to select **Automation**.

6. Press **Com Setting** on the **Communications Menu 1-2**.



7. Set the communications protocols for OverDrive as follows:
 - a. Use the **Client/Server** knob on the **Communications Menu 1-2** to select **Server**. Refer to the section “**OverDrive Communications Setup**” on page 4–4 for the specific settings for OverDrive.
 - b. Note the port number in the **Local Port** box, as this port number is used in the setup of the OverDrive Server.
8. Press **HOME** to display the **Installation Change Confirmation Screen**.
9. Accept or reject the changes you have made as follows:
 - a. Press **Confirm** to accept the changes.
 - b. Press **Cancel** to exit the menus safely, without making any changes. The switcher returns to the previously stored settings.

OverDrive Communications Setup

This section describes the default installation configuration for the switcher to interface with the OverDrive Production Control System. When connecting an OverDrive Production Control System to your switcher, use the following settings:

- Use the following communications settings when connecting the OverDrive Production Control System to the switcher:

Table 4.1 OverDrive Switcher Communication Settings

Setting	Serial Port Value	External Link 2 Port Value
Transmission Standard	TCP/IP	TCP/IP
Communication Protocol	OverDrive	n/a
Client/Server	Server	Server

- When you assign OverDrive to a serial communications port, a specific network port is also assigned to that device. The table below displays the corresponding default network port for each serial communications port.

Table 4.2 Default Serial Ports

Serial Port	Network Port
Periph 1	9001
Periph 2	9002
Periph 3	9003
Periph 4	9004

- ★ The Serial Port and Network Port pairings listed in the table above are default settings, which can be changed.

Configure OverDrive to Acuity Communication Settings

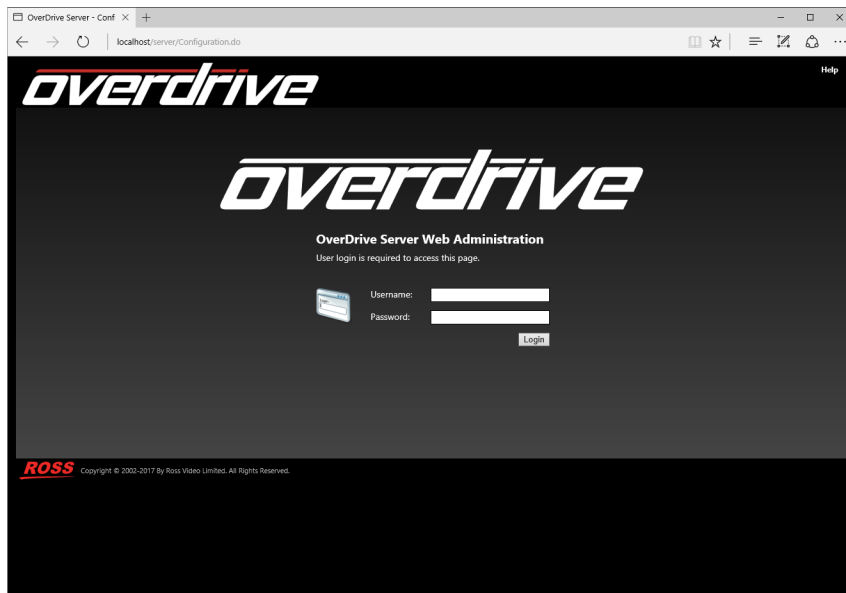
The Server Configuration web page is used to configure OverDrive to communicate with an Acuity switcher.

- ★ Settings in the Frame Configuration or Panel Configuration sections of the Server Configuration web page should not be changed unless advised to do so by a representative of Ross Video.

To configure OverDrive to communicate with an Acuity switcher:

1. Use one of the following methods to open the **OverDrive Server Web Administration** web page:
 - On the desktop, double-click the **OverDrive Server** icon.
 - Use the **Start** menu to select **All Programs > OverDrive > OverDrive Server**.

The **OverDrive Server Web Administration** web page opens in a web browser window.



- ★ When **Microsoft Internet Explorer®** is used through a Remote Desktop Connection to view the **OverDrive Server Web Administration** web page, the OverDrive Server connection LEDs along the top of the web page may not display in the proper location. To properly display OverDrive Server connection LEDs, follow these steps:

- a. In **Microsoft Internet Explorer®** on the remote computer, press **ALT**.
- b. Use the **Tools** menu to select **Compatibility View Settings**.
- c. In the **Compatibility View Settings** dialog box, clear the **Display intranet sites in Compatibility View** check box.
- d. Click **Close**.

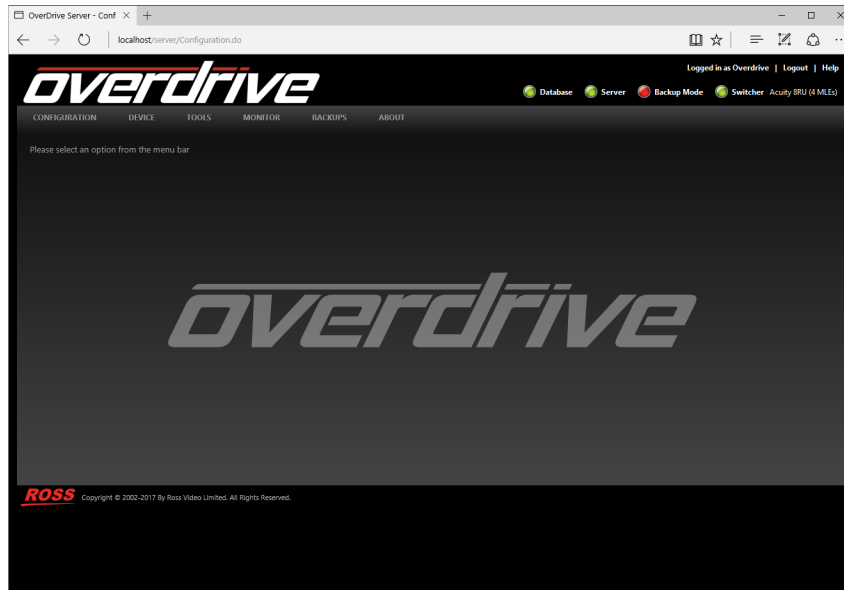
The OverDrive Server connection LEDs are automatically re-displayed in the correct location.

2. Enter the following user name and password in the provided boxes:

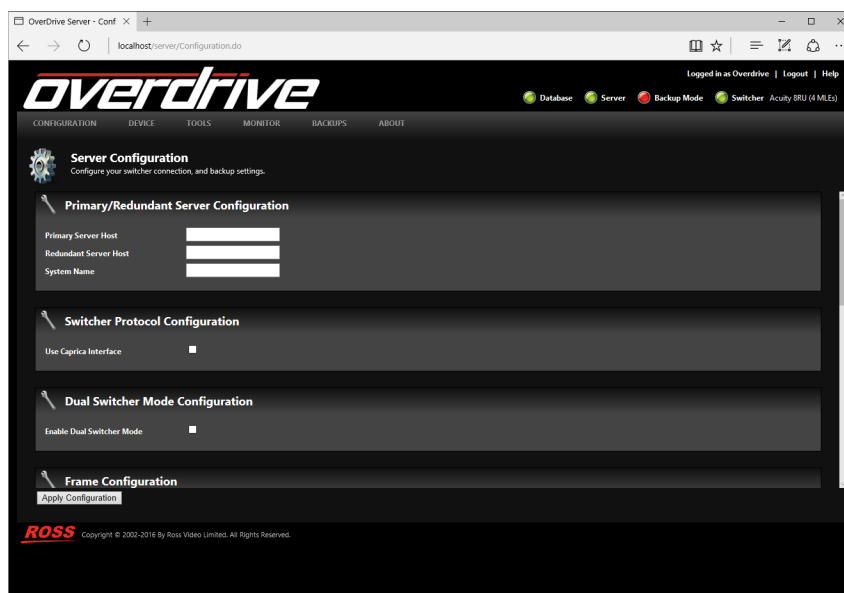
- **Username** — overdrive
- **Password** — <your_password>

Usernames are not case sensitive.

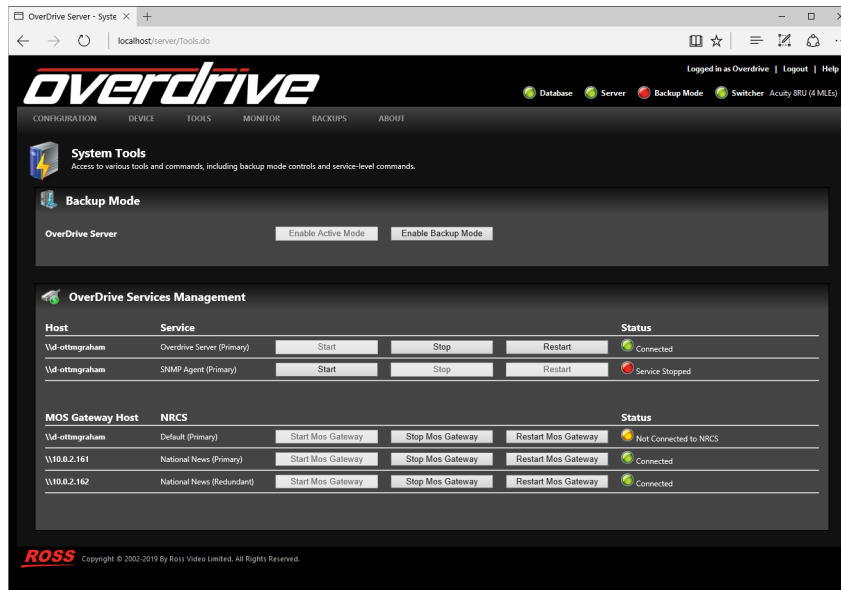
3. Click **Login**.
The **OverDrive Server - Main** web page opens.



- ★ After 30 minutes of inactivity on any of the OverDrive Server web pages, OverDrive automatically logs you out and returns you to the **OverDrive Server Web Administration** web page.
4. Check the **Database**, **Server** and **Switcher** connection status LED icons to verify that the OverDrive Server is running.
5. In the **OverDrive Server** web page, use the **CONFIGURATION** menu to select **Server**.
The **Server Configuration** web page opens.



6. In the **Switcher Protocol Configuration** section, clear the **Use Caprica Interface** check box.
The **Server Redundancy Configuration**, **Frame Configuration**, and **Panel Configuration** sections open when you clear the **Use Caprica Interface** check box.
7. In the **Frame Configuration** section, enter the IP address of the Acuity frame in the **Host** box.
Refer to settings on the Acuity control panel for the frame IP address.
8. In the **Port** box, enter the network port number of the Acuity frame.
Refer to settings on the Acuity control panel for the frame port number.
9. In the **Panel Configuration** section, enter the IP address of the Acuity frame in the **Host** box.
Refer to settings on the Acuity control panel for the frame IP address.
10. In the **Port** box, enter the network port number of the Acuity frame.
Refer to settings on the Acuity control panel for the frame port number.
11. Click **Apply Configuration** to save and apply the new communication settings for an Acuity switcher.
12. Use the **TOOLS** menu to select **System Services**.
The **System Tools** web page opens.



13. In the **OverDrive Services Management** section, click **Restart Server**.
Your switcher is connected to your OverDrive system when the **Switcher LED** icon at the top of the OverDrive Server Web Administration web page turns green. You can click **Stop Server** to stop the OverDrive Server or click **Restart Server** to stop and then start the OverDrive Server.

Contacting Technical Support

Technical Support is staffed by a team of experienced specialists ready to assist you with any question or technical issue.

Ross Video has technical support specialists strategically located around the globe to ensure a prompt response to technical inquiries. Our primary technical support center is located in Ottawa, Ontario, Canada. In addition, we have offices in The United Kingdom (London), Australia (Sydney), and Singapore with satellite locations in New York City, The Netherlands, and China. As we expand our presence globally, we are constantly evaluating other key locations to have a local technical support specialist in order to better service our customers.

North America

Our North America center located in Ottawa, Ontario, Canada and is open Monday to Friday 8:30 a.m. to 6:00 p.m. EST, with 24/7/365 on-call service after hours.

Our telephone number is: +1-613-686-1557

Toll free within North America: +1 833-859-0499

EMEA

Our EMEA center is open Monday to Friday 8:30 a.m. to 5:00 p.m. GMT. After hours support is provided by our North America location.

Our telephone number is: +44 (0)1189502446

International toll free: +800 3540 3545

If the local support specialist is not available, your call will be transferred automatically to our North America center.

Australia

Our Sydney, Australia office is located in Alexandria, NSW.

Our local support telephone number is: 1300 007 677

If the local support specialist is not available, your call will be transferred automatically to our North America center.

Online

E-mail: techsupport@rossvideo.com

Website: open a support request using the link <https://support.rossvideo.com/> to open a support request.

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