

AVID Fastserve - Ethernet

Requirements

- Video Server Control software option
- If you are using multiple video channels on the AVID Fastserve, each channel should be assigned to a separate **Remote Port**.
- Ethernet Cable

Port Connections

Communications		
Video Server Ethernet	>	Local Area Network Ethernet

Video		
Switcher Input BNC	>	Video Server Video Out BNC

Remote Device Port Network Settings

Use the following procedure to configure the network settings for a channel of your AVID Fastserve on the Caprica Server:

1. Use the current version of **DashBoard** software to connect to your **Caprica Server**.
2. In the **DashBoard Tree View**, double-click the **Port Configuration** node of your Caprica Server.
3. In the **Port Configuration Summary** table, double-click a **REMOTE#** port in the **Port** column.
4. In the **Configure REMOTE#** panel, click **Server/VTR**.
5. Click **VDCP**.
6. Click **Network Settings**.
7. Use the following settings to configure the **Network Settings** for your AVID Fastserve:
 - **Ethernet Role** — Client
 - **Remote IP Address** — IP address of your AVID Fastserve
 - **Remote Port** — port number set by the AVID commissioner for your AVID Fastserve.
 - **Local IP Address** — 0.0.0.0
 - **Local Port** — 0
 - **Protocol** — TCP
- ★ The ports used by Caprica cannot be used by other AVID services.
8. Click **Apply Changes** to save the network settings.

Device Settings

Use the following procedure to configure the device settings for your AVID Fastserve on the Caprica Server:

1. Click **Device Settings**.
2. Click the **TargetMachine** button.
3. In the **Select TargetMachine** dialog box, click **AirSpeed MS**.
4. Use the following settings to configure the **Device Settings** for your AVID Fastserve:
 - **MediaIDLength** — click **Long IDs**.
This setting defines the maximum character length of the Clip IDs displayed by Caprica. The available options are as follows:
 - › **Short IDs** — click this button for devices that use ID lengths of up to 8 characters.
 - › **Long IDs** — click this button for devices that use ID lengths of up to 32 characters.
 - **Timeout** — enter or select 28.
This setting defines the time, in fields, that the Caprica will wait for a reply from the video server before trying to resend a command.
 - **Send Tries** — enter or select 10.
This setting defines the number of times that Caprica will try to send the same command to the video server if it does not receive a confirmation response.
 - **Cmd Queuing** — click **Strict**.
This setting defines whether Caprica requires a replies for each command sent to the video server. The available options are as follows:
 - › **Strict** — click this button to resend a command, as defined by the Send Tries setting, until Caprica receives a confirmation message from the video server.
 - › **Relaxed** — click this button to not require a confirmation message from the video server for each command that Caprica sends to the video server.
 - **Record Time** — enter or select 60.
This setting defines the maximum number of minutes for which the video server will record when it receives a Record transport command from a custom control.

- **Playback Mode** — click **PB**.
This setting defines the playback mode that the video server uses.
The available options are as follows:
 - › **PB** — click this button for video servers that do not go to EE (Electronic-to-Electronic) mode.
 - › **PB/EE** — click this button for video servers that do go to EE mode. When the video server receives a Pause command it stays in PB (Playback) mode. When the video server receives a Stop command it goes to EE mode.
- **Port Cmds** — click **Yes**.
This setting defines whether the video server supports the Open Port, Select Port, and Close Port commands. The available options are as follows:
 - › **No** — click this button for video servers that do not support the Open Port, Select Port, and Close Port commands.
 - › **Yes** — click this button to use the Open Port, Select Port, and Close Port commands when entering or exiting VDCP menus.
- **ExtendedChar** — click **Yes**.
This setting defines whether Caprica uses the extended character set for ClipIDs. The available options are as follows:
 - › **No** — click this button to replace non-printing characters in ClipIDs with spaces.
 - › **Yes** — click this button to use the extended character set for ClipIDs instead of replacing non-printing characters with spaces.
- **LoopRecueTime** — enter or select 13.
This setting defines the amount of time, in frames, before the end of the clip that Caprica sends a loop command to the video server.
- **Clip List** — click **Floating List**.
This setting defines the clip list with which to associate the video server.
- **LoopMinLength** — enter or select 7.
This setting defines the minimum length of a clip, in seconds, that can be looped. The minimum length is 3 seconds, and the maximum is 30 seconds.
- **Play w/Alpha** — click **No**.
This setting defines whether Caprica plays the alpha channel with the video channel. The available options are as follows:
 - › **No** — click this button to only play the video channel from the video server.
 - › **Yes** — click this button to play both the video and alpha channels from the video server. With this option, the switcher does not check the status of the video server channels before sending the play command.Both the video and alpha input BNCs must have the video server assigned to them, and must be set up as an auto key to associate the video with the alpha.
- **Cue & Pause** — click **Yes**.
This setting defines whether Caprica sends a Pause command to the video server immediately after a Cue command. The available options are as follows:
 - › **No** — click this button to not send a Pause command to the video server immediately after a Cue command.
 - › **Yes** — click this button to send a Pause command to the video server immediately after a Cue command. This option enables the video server cue a clip and advance it so that you can preview the first frame of the clip.
- **Eject Clip** — click **Yes**.
This setting defines whether Caprica instructs the video server to eject the current clip before cueing the next clip. The available options are as follows:
 - › **No** — click this button to not eject the current clip before cueing the next clip.
 - › **Yes** — click this button to eject the current clip before cueing the next clip.
- **StatusInterval** — enter or select 5.
This setting defines the amount of time that Caprica waits between status check requests of the video server.
- **Status Tries** — enter or select 30.
This setting defines the number of times that Caprica will send a status check request to the video server without receiving a ready response.
- **Preroll** — enter or select 0.
This setting defines the amount of time, in frames, to delay before transitioning to the video server.
- **Panel** — click **Master Panel**.
This setting defines the control panel in a MultiPanel system to which the video server is connected

- **Play Skip Q** — click **No**.

This setting defines whether Caprica allows the Play command to skip the commands queued for a channel on the video server. The available options are as follows:

- › **No** — click this button to add the Play command to the end of the command queue for the channel to play, then execute commands from the queue in order.
- › **Yes** — click this button to execute the Play command as soon as possible, skipping the commands in the command queue for the channel to play.

5. Click **Apply Changes** to save the device settings.
6. Click **Done** to close the Configure REMOTE# panel.
7. Configure a Caprica device for each channel on your AVID Fastserve video server.

For More Information on...

- configuring remote devices for OverDrive systems that contain a Caprica Server, refer to the *Caprica User Guide*.

Switcher Input Settings

Use the following procedure to configure a switcher input for a channel of your AVID Fastserve on the Caprica Server:

1. At the bottom of the **Device View**, click **Input Configuration**.
2. In the **Input** column of the **Input Configuration Summary** table, double-click the switcher input to configure for your AVID Fastserve.
3. Click **Server/VTR**.
4. Click **AirSpeed M(R#)**, where **#** is the video server channel to associate with the selected switcher input.
5. Click **Audio Channel 1** to select the audio channel for the audio channel 1 of the selected switcher input.
6. Click **Audio Channel 2** to select the audio channel for the audio channel 2 of the selected switcher input.
7. Select the custom control to run when the input goes on air as follows:
 - a. Click **On Air CC Bank** to select the custom control bank that contains the custom control button assigned to the custom control to run when the input goes on air.
 - b. Click **On Air CC Button** to select the custom control button assigned to the custom control to run when the input goes on air.

To not run a custom control when the input goes on air, select **None** for either the **On Air CC Bank** or the **On Air CC** setting.

8. Use the **On Air CC Preroll (frame)** box to enter or select the number of frames to delay taking the input on air after firing the selected On Air custom control.
9. Select the custom control to run when OverDrive prepares the input as follows.
 - a. Click **On Pst CC Bank** to select the custom control bank that contains the custom control button assigned to the custom control to run when OverDrive prepares the input.
 - b. Click **On Pst CC Button** to select the custom control button assigned to the custom control to run when OverDrive prepares the input.

To not run a custom control when OverDrive prepares the input, select **None** for either the **On Pst CC Bank** or the **On Pst CC Button**.
10. To set a custom name for a switcher input, complete the following steps:
 - a. In the **Input Alias** box, enter a custom name for the selected switcher input.
 - b. Select the **UseAlias** check box.
The **Alias** column in the **Input Configuration Summary** table displays the custom name set for the switcher input. The **UseAlias** column displays **Yes** to indicate that Caprica and OverDrive use the custom name set for the switcher input.
To use the default switcher input name, clear the **UseAlias** check box. The **UseAlias** column displays **No** to indicate that Caprica and OverDrive use the default switcher input name. The **Alias** column and the **Input Alias** box retain the custom name set for the switcher input.
11. Click **Apply Changes** to save the switcher input settings.

Switcher Input Device Settings

Use the following procedure to configure a switcher input device settings for a channel of your AVID Fastserve on the Caprica Server:

1. Click **Device Settings**.
2. Click the **Channel** button.
3. In the **Select Channel** dialog box, click the channel **#** of your AVID Fastserve for the switcher input.
The selected channel must be the same as defined by the AVID commissioner for the port number set in the Caprica device.
4. Click the **Sub Address** button.
5. In the **Select SubAddress** dialog box, click **0**.

6. Use the **Preroll (frames)** box to enter or select 8 as the number of frames to delay transitioning to the video server.
7. In the **ChannelName** box, enter the channel name set in the AVID Configuration for the AVID Fastserve channel.
8. Click **Apply Changes** to save the switcher input device settings.
9. Configure a switcher input for each channel on your AVID Fastserve video server.

Compatibility

Video Server	Version
AVID Fastserve	-

Automation	Version
OverDrive	17.1 or higher
Caprica Server	4.1a or higher

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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