# Grass Valley K2 Summit Media Server (ethernet) (AMP)

## Requirements

- Video Server Control software option
- Ethernet Cable.

## Port Connections

|  | Switcher |  | Video Server |
|---|---|---|---|
| **Video** | Input BNC | ⇨ | Video Out BNC |

## FlexDevice™ Installation

### To Install the FlexDevice Driver

1. On your computer, open your Web Browser and, in the address bar, enter the IP address of your frame and press **Enter**.
2. Enter your username and password as follows when the **Login Dialog Box** appears. The default **Name** is **user** and **Password** is **password**.
3. Click **Other... ⇨ FlexDevices**.
4. Click **Browse**. A file selection dialog box is displayed.
5. Locate the FlexDevice driver file **VidServ-AMP-Eth-1.0-###.tar.gz**.
6. Click **Open/Choose** to select the file.
7. Click **Install Driver** to upload and install the selected driver to the switcher.

### To Initialize the FlexDevice Driver

1. Press **HOME ⇨ Setup ⇨ Installation ⇨ Com Setup ⇨ FlexDevices**.
2. Press **Start Driver**.
3. Use the **Interface** knob to select **Panel0**.
4. Use the **Type** knob to select **FlexCLIP**.
5. Use the **Driver** knob to select **AMP_E_1.0**.
6. Press **Accept**. You must initialize a separate instance of a driver for each device you want to control from the switcher.

## Switcher Setup

### To Set Up Communications

1. Press **HOME ⇨ Setup ⇨ Installation ⇨ Com Setup ⇨ Type**.
   - Use the **Com Port** knob to select the **PERIPH X** port that you want to assign the Grass Valley K2 Summit Media Server to.
   - Use the **Device** knob to select **FlexCLIP**.
2. Press **Select Device**.
   - Use the **Device** knob to select **x_AMP_E_1.0**.
   - Use the **VTR Preroll** knob to select **0**.
3. Press **Com Type**.
   - Use the **Type** knob to select **Network TCP**.
4. Press **Com Setting**.
5. Use the **Client/Server** knob to select **Client**.
   - In the **Remote IP Address** field, enter the IP address of the K2 Summit.
   - In the **Remote Port** field, enter **3811**.
6. Press **HOME ⇨ Confirm**.

### To Set Up Video Inputs

1. Press **HOME ⇨ Setup ⇨ Installation ⇨ BNC ⇨ BNC Type**.
   - Use the **BNC** knob to select the input BNC that the video output of the K2 Summit is connected to.
   - Use the **Type** knob to select **VTR**.
   - Use the **Video Format** knob to select the video format of the video output of the K2 Summit.
2. Press **More ⇨ VTR/VDCP Xpts**.
   - Use the **Controller** knob to select the port on the switcher that you assigned the K2 Summit to.
3. Press **VDCP Setup**.
   - Use the **Channel** knob to select the channel on the K2 Summit that you want to assign to the BNC.
   - Use the **SubAddress** knob to select **0**.
4. Press **HOME ⇨ Confirm**.

## Device Setup

From the K2 AppCenter you must set protocol control for each channel that you want to control from the switcher.

**Note:** The K2 Summit does not support the following characters in clip names \/:*?"<>|.

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1. On the **Monitor pane**, set the application for each channel you want to control to **Player/Record**.

2. On the **Channel pane** for each channel you want to control, click **Options > Control** and select the following:

    • **Remote** — select **Remote/Local**

    • **Protocol** — select **AMP**

## Troubleshooting

• If you are using a Net Expander to create virtual ports, the Net Exp port must be given a non-zero IP address (0.0.0.1 for example).

• If the device is communicating properly, but you cannot gain control from the switcher, try cycling through different values for the SubAddress, and then the Channel. The most common settings are as follows:

    › Channel set to the video channel number and SubAddress set to 0.

    › Channel set to the video channel number and SubAddress set to the serial communications port on the video server.

## Compatibility

| Video Server | Version |
|---|:---:|
| Grass Valley K2 Summit Media Server | -- |
| **MultiPanel** | |
| MultiPanel Support | ✔ |
| **Automation** | |
| OverDrive | 11 |
| **Port Expanders** | |
| BSS4 | ✘ |
| Comtrol DeviceMaster | ✔ |

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