

## Click Effects CrossFire

### Requirements

- Video Server Control software option
- If you are using multiple video channels on the CrossFire, each channel should be assigned to a separate **Remote Port**, or a **Port Expander** should be used.
- Serial Interface Cable (DB9 to DB9)

### Port Connections

|                | Switcher             |   | Video Server         |
|----------------|----------------------|---|----------------------|
| Communications | REMOTE Port (female) | ⇒ | Serial Port (female) |
| Video          | Input BNC            | ⇒ | Output BNC           |

### Cable Connectors



Figure 1 DB9 to DB9 Cable

### Pinouts

| Switcher | CrossFire |
|----------|-----------|
| 2 (Tx)   | 2 (Rx)    |
| 3 (Rx)   | 3 (Tx)    |
| 5 Ground | 5 Ground  |

### Switcher Setup

#### To Set Up Communications

1. Press **HOME** ⇒ **Setup** ⇒ **Installation** ⇒ **Com Setup** ⇒ **Type**.
  - Use the **Com Port** knob to select the **REMOTE X** port that you connected the CrossFire to.
  - Use the **Device** knob to select **VTR (CLIP)**.
2. Press **Select Device**.
  - Use the **Device** knob to select **VDCP**.
  - Use the **VTR Preroll** knob to select **10**.

3. Press **Com Type**.
  - Use the **Type** knob to select **RS-232**.
4. Press **Com Settings**.
  - Use the **Baud** knob to select **38400**.
  - Use the **Parity** knob to select **NONE**.
5. Press **Extra Options**.
  - Use the **Option** knob to select **TargetMachine**.
  - Use the **Value** knob to select **ClickEffects**. The remaining options are set automatically.
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 CrossFire 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 CrossFire.
2. Press **More** ⇒ **VTR/VDOP Xpts**.
  - Use the **Controller** knob to select the port on the switcher that you assigned the CrossFire to.
3. Press **VDOP Setup**.
  - Use the **Channel** knob to select the channel on the CrossFire that you want to assign to the BNC.
  - Use the **SubAddress** knob to select the same value as is set for the **UnitNumber** on the CrossFire.
4. Press **HOME** ⇒ **Confirm**.

### Device Setup

1. Select **Remote** on the main menu and click on the remote port that is connected to the switcher. The Com Port Settings window is displayed.
2. On the **Settings** tab, select **Misc**.
3. In the **Protocol** field, select **VDOP\_Louth**.
4. In the **PortEnabled** field, select **True**.
5. Select the **VDOP (Louth)** tab.
6. Click **VDOP Settings**.
7. In the **UnitNumber** field, select **1**. This corresponds to the Sub Address on the switcher.



## Troubleshooting

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 |
|---------------------------|---------|
| Click Effects CrossFire   | --      |
| <b>Switchers</b>          |         |
| Synergy 1 SD              | --      |
| Synergy Series SD         | --      |
| Synergy MD/X              | --      |
| Vision QMD/X              | 14.0    |
| Vision MultiPanel Support | 15.0    |
| <b>Automation</b>         |         |
| OverDrive                 | 10      |
| <b>Port Expanders</b>     |         |
| BSS4                      | ✓       |
| Control DeviceMaster      | ✓       |