VDCP Settings

This document will describe how to configure the VDCP settings on the BlackStorm, Xpression Clips & Click Effects servers.

Xpression Clips Server

1. Open the Xpression Media Control Gateway – Settings dialog box.
   The name/value placed in the Host field is what is used to call the server.

2. Click the VDCP tab.

![General Tab](image1)

*Figure 1: General Tab*

![VDCP Tab](image2)

*Figure 2: VDCP Tab*
3. Configure the VDCP connection settings as required:

**VDCP over TCP/IP**
- In the **VDCP over TCP/IP** section, use the **Server Port** box to enter or select the port number for the TCP/IP server connection. The default is 9096.

**VDCP over RS232**
- In the **VDCP over RS232** section, click **Add** to add a port for the RS232 connection. Use the **Port** list to select a COM port for the connection. Then click **OK**.

![Figure 3: COM port](image)

- Configure the connection settings if necessary on the **VDCP over RS232** connections list. Then click **OK**.

**BlackStorm Server**

1. Open the **Configuration Client** from the **BlackStorm** sub tree in **DashBoard**.

![Figure 4: Remote Control Tab](image)

2. Check the **Enable VDCP over Ethernet** option.
3. Click **VDCP Port Mapping**.

![Figure 5: Port Mapping](image)
4. Change the Channel Type to Output.
   - In the Port Mapping window, if you want to open another port you must open it on a new channel.
   - If the port is on channel 1 and you want access it from an outside source you need to set the port of the outside source to 50103. If the port created in BlackStorm is on channel 2 then the outside source port should be 50104. For every channel after you would just add 1 to the outside source value to access the channel.

5. Click OK
   - You will be asked to restart the BlackStorm to apply the new changes.

ClickEffects Server

Enabling and Configuring VDCP

1. Navigate to the Com Port Settings window. Select the Remote option from the main menu on the Click Effects machine and select the Com Port you wish to edit.

2. In the Com Port Settings window, set the Protocol to VDCP_Louth.

3. Set the PortEnabled property to True. This will open the Com Port for communication.

4. Select the VDCP (Louth) tab at the top of the Com Port Settings window.

5. Click on the VDCP Settings header.

VDCP over Ethernet

1. Navigate to the Data Settings window. Select the Integrated tab, and select VDCP over Ethernet from the list. Click on Settings to open the settings window.
2. Add TCP connections by entering the IP address and the TCP port to listen on for incoming connection requests from switchers.

![VDCP Settings Window](image)

**Figure 7**: VDCP Settings Window

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**Further Information**

**Set Up VDCP Shot Box Custom Panel with a Server**

**XPression Clips Server**

On the **VDCP Shot Box CustomPanel**, in the **VDCP Out** settings fill in the **Host** field with the name placed in the **Host** field of the **General Tab** and the **Port value** should be the **Port value** that was assigned in the **VDCP tab**. Then select the **Eject on Cue** check box and deselect the **Use Continue Play** check box.

**BlackStorm Server**

On the **VDCP Shot Box CustomPanel**, in the **VDCP Out** settings fill in the **Host** field with the **IP address** of the **BlackStorm**. The **Port Value** is dependent on the **Port Mapping** setup (Figure 5). The **Channel option** should match the **Channel value** in the **Port Mapping** setup (Figure 5). Then select the **Eject on Cue** check box and deselect the **Use Continue Play** check box.

**ClickEffects Server**

On the **VDCP Shot Box CustomPanel**, in the **VDCP Out** settings fill in the **Host** field with the **IP address** of the **Click Effects** server and the **Port value** should be the **Port value** that was assigned in the **VDCP settings window** (Figure 7). Then select the **Use Continue Play** check box and deselect the **Eject on Cue** check box.

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