Instruction Manual Streaming Video

Clifton UMC

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These instructions will direct the user in setting up the equipment for operation. For detailed information on user operations consult the manufacturer's documentation.

This manual assume that a PC is being used. If a MAC is being used the behavior may be different. Consult Black Magic website for additional information. All device address will remain the same regardless of computer format.

Please note that all the video resolution of all devices must be 1920x1080P – 59.94. There is no scaler in the system and the system will not show video from any device not set to the above resolution.

All devices are connected to the same network. The respective address are below and will be needed for upgrades and device maintenance:

Device	IP address	Notes	Login	Password
Netgear M4350	192.168.1.180		admin	John316#
Client Computer	192.168.1.181	This is my computer used for configuration		
Williams	DHCP	Current address shows on the screen	admin	admin
BM Web Presenter	192.168.1.150			
Camera/PTZ	192.168.1.151			
Joystick	192.168.1.152			
Magewell	192.168.1.153	Camera	Admin	Admin
Magewell	192.168.1.154	Pro-Presenter	Admin	Admin
BM ATEM	192.168.1.155	Switcher		

To access the respective devices use the following methods unless otherwise instructed for troubleshooting purposes.

Magewell NDI to SDI Converter:

In the event that the camera signal is not appearing on the Black Magic ATEM switcher:

1. Using a computer that is on the same network, open a browser and then type 192.168.1.153 (or 192.168.1.154) in the address field.
2. The GUI of the device will open and ask for a login & password. The default is Admin – Admin. You will be instructed to change the password. It is a good idea to leave the password as the default, click on cancel.
3. Once in the GUI screen select the "Source" tab at the top right.
4. In the source screen you will see a section called "Source Presets". Locate "Camera 1" (Or whatever device you want to use).

5. On the right side of |that line you will see Edit|Delete|Select. Click on "select" to activate the camera (Or whatever device you want to use).
6. Check to see if the camera (Or whatever device you want to use) image is showing up on the ATEM switcher.

Black Magic ATEM Switcher

To use the computer to operate the switcher you must:
1. Download and install the Black Magic Design ATEM control Software to your computer.
2. After installation locate the software in the APPS section of the computer and start the software.
3. If the software can't find the switcher, locate and run the ATEM setup software.
4. Make sure the computer is looking for the switcher on the address 192.168.1.155. If not modify setup to look to that address, save and then restart the control software.

To use the Black Magic Web Presenter computer software:
1. If it is not included with the ATEM software download, download and install the Web Presenter software
2. Open the Black Magic Web Presenter Setup software.
3. If the device is not located make sure that the software is looking for the device on 192.168.1.150

Lighting:

DMX channel Assignments		
Ch #	Loc	Function
1	SR Spot	Intensity
2	SR Spot	Red
3	SR Spot	Green
4	SR Spot	Blue
5	SR Spot	Strobe
6	SCR Spot	Intensity
7	SCR Spot	Red
8	SCR Spot	Green
9	SCR Spot	Blue
10	SCR Spot	Strobe
11	SCL Spot	Intensity
12	SCL Spot	Red
13	SCL Spot	Green
14	SCL Spot	Blue
15	SCL Spot	Strobe
16	SL Spot	Intensity
17	SL Spot	Red
18	SL Spot	Green
19	SL Spot	Blue
20	SL Spot	Strobe
21	Frnt Chand	Dim
22	Ctr Chand	Dim
23	Rear Chand	Dim
24	Cross	Dim
25	Gen Chanc 1	Dim
26	Gen Chanc 2	Dim
27	Rear Ceiling Cans	Dim
28	Frnt Ceiling Cans	Dim
29	Back Rm Cans	Dim
30	Gen Chanc 3	Dim
31	Rear Rm Spots 1	Dim
32	Rear Rm Spots 2	Dim