

Barco, Inc. Toll Free: +1 (888) 414-7226 Fax: +1 (916) 859-2515

Technical Support: +1 (866) 374-7878 Website: www.barco.com

FSN Series Installation: System Connections For detailed installation instructions, refer to Chapter 4 of the User's Guide. Ethernet Switch FSN-1400 То System Card erial optional Tally "Y" Script Light Adapter õ Script \bigcirc $(\cdot \cdot)$ 12V DC OUT Light Reference $\overline{\mathbf{O}}$ AC Video In Ref Ir 💮 o 📖 o o 📖 📰 o 🥅 Touch Screen AC \overline{ullet} $\left[1 \circ \right]$ Connector Panel (Redundant) Reference 11 FSN-150 Rear Video Loop \odot Panel \square Out Ref Or AC 11 Cable Harness (Primary) System Setup 5

System setup is comprised of 18 sequences, each of which includes many steps.

For error-free setup, always refer to the associated section in Chapter 6 of the User's Guide.

The circled sequence numbers are identical.

Power Up and Status Check — Power up the FSN-1400, control panel, all monitors and peripherals. In the System Menu tables, ensure that all devices are connected, and all cards are recognized.

Return to Factory Default — For a new event, back up your system if desired, then on the Reset Menu, perform a complete factory reset. For a continuing (or multi-day) event, this step is not required.

Touch Screen Calibration — (Optional) On the Diagnostics Menu, calibrate the Touch Screen. If calibration is off, simultaneously press FINE ADJUST and ENTER on the Keypad to start the procedure.

3

Communications Setup — On the **Communications Setup** Menu, check the table to ensure that all devices are connected. If not, press {Discover FSN-1400} and connect to the desired frame, or re-check connections.

Restoring the System — (Optional) Insert a USB drive with a previous backup file into the USB Port. On the Backup and Restore Menu, press {Restore System} and follow the prompts. No further setup operations are required.

Reference and Output Setup — On the **Reference and** Output Setup Menu, select the desired video reference input, output video format and output V-lock mode.

6

7

8

9

11

Output Test Patterns — (Optional) On the **Output Test** Patterns Menu, select and display test patterns on one or more outputs, to assist with external device setup. Press {All Off} when you are finished.

Clean Feed Setup — On the Clean Feed Setup Menu, select the clean feeds for the M/E 1, M/E 2 and PGM clean outputs. Press {Assign Button} and select the desired point for the ASSIGN button (in the Aux section).

Native Input Setup — On the **Input Menu**, select a NIC input, then map and name it. Press {Setup}. Set up color correction, sync, and mask (if required). When complete, save settings, and repeat for all NIC inputs.

Universal Input Setup — On the **Input Menu**, select a UIC 10 input, then map and name it. Press {Setup}. Set up all parameters on the three setup tabs. When complete, save settings, and repeat for all UIC inputs.

External DSK Setup — (Optional) On the External DSK Setup Menu, select the DSK Fill BNC, and set color correction parameters if desired. Save the settings. The DSK Cut input can not be adjusted.

12

13

14

15

Button Mapping — On the Map Buttons Menu, map inputs, test patterns and color backgrounds to the panel. If required, map linear key cut and fill signals. Use {SHIFT} to access shifted buttons.

Aux Setup — (Optional) On the Aux Setup Menu, set up all standard and optional Aux outputs, including all installed NACs and UOCs. You can map and name Aux outputs, and set the output resolution for all UOC outputs.

Multiviewer Setup — (Optional) Ensure that the optional Multiviewer is installed in slot 11. On the Multiviewer Setup Menu, select the output format and layout, assign sources to PIPs, select all colors and UMD (Under Monitor Display) text.

Tally Setup — (Optional) On the **Tally Setup Menu**, select a tally (1-24), then press {Select Input} to assign an input. Select a reference color, switcher outputs, and set tally closures. Repeat for all desired inputs.



User Preference Setup — (Optional) On the User Preferences Menu, set the desired preferences for the bus and transition displays, the touch screen and the control panel.



Saving the Setup — On the System Menu, press {Save All} to save all system parameters to non-volatile memory, including input and output setups, button mappings, tallies, user preferences and more.



Backing up the System — Insert a USB drive into the USB Port. On the Backup and Restore Menu, press {Backup System} to back up the system setup and all memory registers.







NOTE

Use the "Multiviewer Setup Menu" to set all multiviewer parameters.



Native and Universal Inputs							
	Total Inputs (Installed NICs + Installed UICs)						
		0 UIC	1 UIC	2 UIC	3 UIC	4 UIC	5 UIC
	0 NIC	0	2	4	6	8	10
	1 NIC	8	10	12	14	16	18
	2 NICs	16	18	20	22	24	26
	3 NICs	24	26	28	30	32	
	4 NICs	32	34	36	38		

Input / Output Flexibility

Native and Universal Aux Outputs

	Total Aux Outputs – Multiviewer Not Installed					
	0 NAC	1 NAC	2 NAC	3 NAC		
0 UOC	6	14	22	30		
1 UOC	8	16	24			
2 UOC	10	18				
3 UOC	12					

	Multiviewer Installed				
	0 NAC	1 NAC	2 NAC		
) UOC	6	14	22		
UOC	8	16			
2 UOC	10				

Analog Format Connection Table

Breakout Cable Wire Color		Comp Video	S-Video (Y/C)	YUV (YPbPr)	RGB Sync on Green	RGB Comp Sync	RGB Separate H V
R				√ (Pr)	✓	√	✓
G		√	✓ (Lum)	✓ (Lum)	√	✓	✓
В			✓ (Chrom)	√ (Pb)	√	✓	✓
H Sync						✓	✓
V Sync							✓

FSN Series Notes

- For complete details on the FSN-1400, the control panel, all menus, and all installation, setup, configuration and operations procedures, please refer to the FSN Series User's Guide.
- For the latest version of the Quick Start Guide, visit www.barco.com.
- Any item contained in this document may change without notice.