Osprey®
Video

Page 1 **- 8 Channel Matrix Switcher MSS-8**

Page 4 - **16 Channel Matrix Switcher and Multi Viewer MVS-16**

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Initial Setup

Power Connections:
MSS-8 is supplied with two 12V Wall Power Supplies. One Power Supply is sufficient to power the MSS-8, however for redundancy we recommend both Power Supplies to be used simultaneously.

LAN Connection:
MSS-8 has been designed to work seamless with any DHCP Server. If no DHCP server is found on the Network the unit will default to IP Address 192.168.1.215.

Setup:
- Download and Install the Osprey control panel software
- Connect Unit to your network using the LAN Port
- Connect your video sources and video sinks to the SDI Inputs/Outputs
- Connect Power and turn unit ON

8xSDI INPUT

8xSDI OUTPUT

RS-232

USB

LAN

REDUNDANT POWER

POWER SWITCH

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Settings

Using the Buttons on MSS-8 Front Panel

LOCK: Lockout of the Keypad to prevent unwanted I/O changes

ALL: Connect one Input to all Outputs simultaneous

Example Sequence: IN – 4 – ALL (Input 4 connected to all 8 Outputs)

IN/OUT: Make individual Matrix Connections

Example Sequence: IN – 2 – OUT – 4 – 6 – 7 (Input 2 connected to Outputs 4, 6 and 7)

Input Select   Output Select   Channel #   One to All   Keypad Lockout

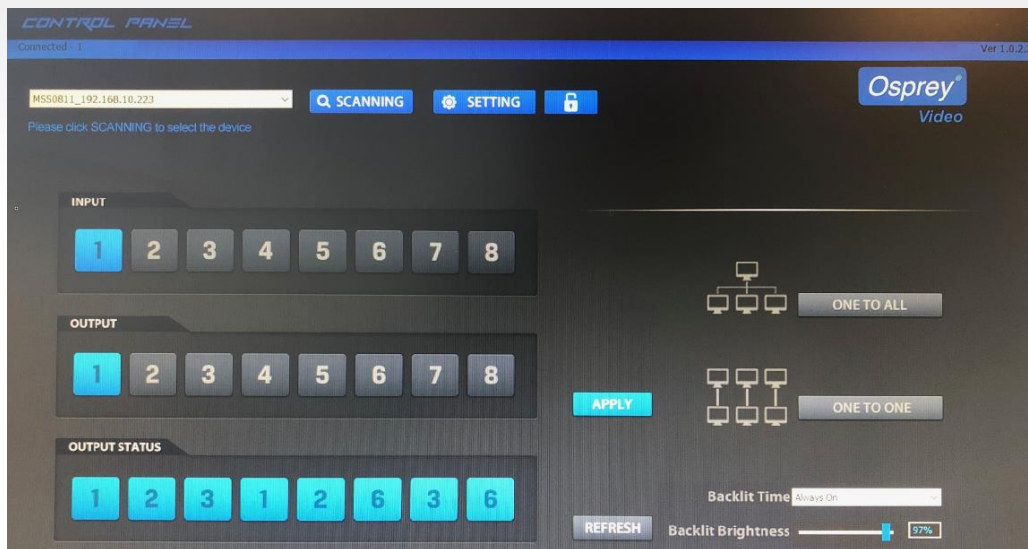**Display:**   The Display shows the current I/O.

The first line represents Outputs 1-4, the second line Outputs 5-8. Above display status shows the following connections.

- Input 1 to Outputs 1 and 4
- Input 2 to Outputs 2 and 5
- Input 3 to Outputs 3 and 7
- Input 6 to Outputs 6 and 8

The display brightness can be adjusted using the PC based Osprey Control Software. There is also a "sleep" option.

Settings

Using Osprey Control Panel Software

SCANNING: Scans the Network for all connected Osprey switchers
SETTING: Switch between LAN or Serial Connection
LOCK: Lockout of the Unit Keypad to prevent unwanted I/O changes
INPUT: Selection of Input Channel
OUTPUT: Selection of Output Channel
APPLY: Applies the I/O Selections
STATUS: I/O Connections. Left to right shows Outputs 1 through 8
REFRESH: Updates the I/O status in the Software Interface to capture Changes made on the keypad while the Software was running
ONE to ALL: Simultaneous connect one Input to all Outputs
ONE to ONE: Simultaneous connect Input 1 to Output 1, Input 2 to Output 2,etc
BACKLIGHT: Change brightness and behavior of the Units Display

Note: The units IP default is DHCP. A static IP assigned under "Settings" it will revert back to DHCP after each power cycle

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RACKMOUNT 16x16 MATRIX SWITCHER
16 CHANNEL MULTI VEWER
MVS-16

Soon to come

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