Ethernet To DMX Control Surface

Audio In From Outboard **Analog** Sources Such as CD Player, MP3 Player, etc

Audio In From Outboard **Digital** Sources Such as CD Player, MP3 Player, etc

Analog Audio Out To Optional Headphone Amplifier

Analog Audio Out To Studio Monitors

Ethernet To PC and optional **RAZOR** devices or switch

To GPIO Devices

Power To DMX-8 Control Surface (DMX-16 has own Power Supply)

1 MIC IN 2

PUSH   PUSH

GAIN   GAIN

+48V   +48V

W DMX

LOGIC

MICS OUT

1 ANALOG 3 IN 5 DIGITAL 7

ANALOG 4 IN 6 DIGITAL 8 SYNC

1 ANALOG 3 PGM 1 DIGITAL 3

2 ANALOG 4 OUT 2 DIGITAL 4

HDPN OUT STU

CUE OUT CR

ON

1   2   3   4   5

ETHERNET

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PWR OUT   16VDC

Built in USA by Wheatstone

ETHERNET

CE FC

90-120~VAC
2A/50-60 Hz

Jumper for Audio From **Analog** Mics Pre Out To **Analog** Input 1 (These will show as BL01MIC1 and BL01MIC2)

Analog Outputs PGM 1 thru PGM 4

AES Digital Outputs PGM 1 thru PGM 4

Analog Audio Out To Outboard Cue Speaker

Analog Audio Out To Control Room Monitors

Ethernet Jumper between **Ethernet** Out on DMX Engine, and 5-Port On-Board **Ethernet** Switch

For a video on how to set up DMX, go to: pre.com/support1/how-to-videos

▬ Balanced XLR Audio Cable	▬ StudioHub CAT6 Cable for **Analog** Audio
▬ **Ethernet** CAT6 Cable	▬ StudioHub CAT6 Cable for **Digital** Audio

Think of the back of the DMX Engine as a rack that has a TWO CHANNEL MIC PRE, an I/O SECTION, and a 5-PORT ETHERNET SWITCH mounted in it. To use them, you have to physically patch the outputs of the MIC INPUTS into your choice of ANALOG INPUTS 1-4. Likewise, to use the DMX Engine with the 5-port switch, you need to physically jumper the ETHERNET OUT to an available port on the onboard 5-port ETHERNET switch.

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