

**MIX-16/32 CENTRAL
MIXER RACK BOX**

**FEATURE
OVERVIEW**

Supplies mix data and power to connected control surfaces

Single CAT5/CAT6 cable connection to network or AD-24

USB port for connection to PC

MIX-16 supports up to 16 mixes
MIX-32 supports up to 32 mixes

Compact 1U rack space



The MIX-16 and MIX-32 are single rack space units that function as the brain of the Livemix personal monitoring system. The MIX-16/32 supplies mix streams as well as power to each of the connected personal mixers.

The MIX-16/32 will generally be placed near the personal mixer units, likely in a rack near the stage. The MIX-16/32 receives input data over a single shielded network cable, either from the AD-24 or a Dante network.

The MIX-16 supports 16 total mixes (8 connected CS-DUO personal mixers). The MIX-32 supports up to 32 total mixes (16 connected CS-DUO personal mixers).

MIX-16/32

Max Cable Length to CS-DUO	100ft CAT5/CAT6 cable
Max Cable Length to AD-24	300ft shielded CAT5/CAT6 cable
Bit Rate	24-Bit Digital Mixing and Processing
Sample Rate	48 kHz
USB Output	16-bit / 48 kHz Stereo
Digital Format	Proprietary in system
Expansion	Option card bay

WHOLE SYSTEM

	.03% (100mW, 22Ω)
THD+N (18 dBu 1KHz input)	.014% (100mW, into 32Ω)
	.005% (100mW into 64Ω)
	.003% (100mW into 300Ω)
S/N Ratio	103dB
Frequency Response	20Hz-22 kHz ± 3dB
Crosstalk (Left to Right)	-103 dB
Latency	1.5 ms

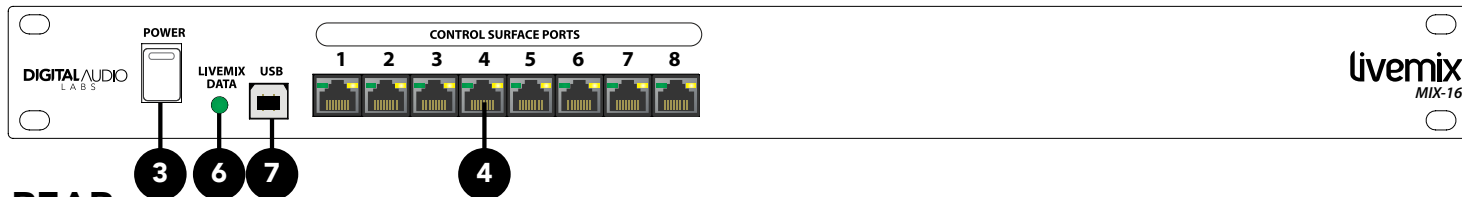
FOR ORDERS CONTACT:

sales@digitalaudio.com
Phone: 952-401-7700
Fax: 952-401-7725

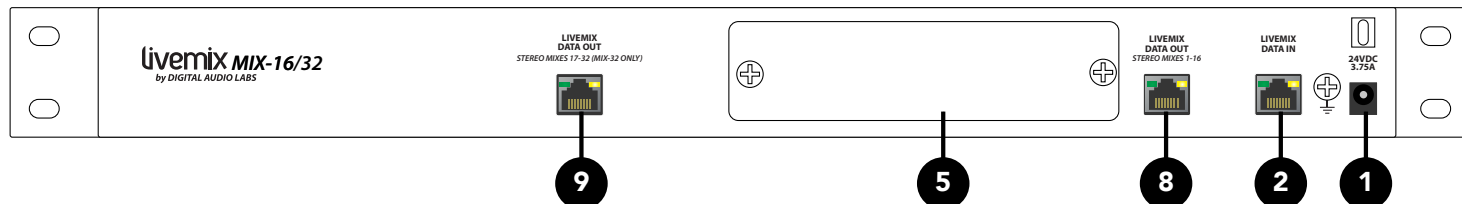
DIGITAL AUDIO LABS

1266 PARK RD CHANHASSEN, MN 55317
WWW.DIGITALAUDIO.COM

FRONT



REAR



- EXTERNAL POWER SUPPLY CONNECTOR:** Connect to included external power supply.
- LIVESMIX DATA IN:** Connect a shielded CAT5 cable from Livemix Data Out on the AD-24 to Livemix Data In. Unused with Option Card.
- POWER SWITCH:** Turns power on to unit and attached CS-DUO personal mixers.
- CONTROL SURFACE PORTS:** Each port supplies power and audio streams to connected personal mixers through a standard CAT5 cable.
- OPTION CARD BAY:** This bay is used to provide access to alternate input formats.
- LIVESMIX DATA LED:** This LED indicates audio data is present.
- USB PORT:** The USB port connects to a Windows PC or Apple OS X computer, and allows the computer to record a 2-channel stereo mix of one of the mixes generated by an attached personal mixer.
- LIVESMIX DATA OUT 1:** This port is intended to connect to future Livemix products, it is currently inactive.
- LIVESMIX DATA OUT 2 (MIX-32 ONLY):** This port is intended to connect to future Livemix products, it is currently inactive.

CONNECTING THE MIX-16 TO CS-DUO CONTROL SURFACES

