livemix®
personal monitor system

DIGITAL AUDIO
L A B S

DA-816 ANALOG OUTPUT UNIT

FEATURE OVERVIEW

Assign personal mixes to analog outputs
Eight stereo output pairs (16 TRS connectors)
High quality conversion
Simple setup with a CS-SOLO or CS-DUO
LED and test tone connection verification and setup aid

The DA-816 output rack unit is for connecting to wireless in-ear transmitters, powered monitors or powered house speakers. The DA-816 connects to the MIX-16 or MIX-32 via shielded CAT5e network cable. Each DA-816 provides eight stereo TRS outputs.

The DA-816 provides stereo balanced outputs for 8 personal mixes. Flexible SoftRoute™ mix assignments and test tone capabilities, make for quick setup.

Front panel LEDs indicate a personal mix is assigned to one or more of the outputs. When the Output ID feature is enabled and an output is selected, the front panel LED illuminates and a test tone is sent to the output.

DA-816 SPECIFICATIONS

THD+N	.0019%
S/N Ratio	104 dB
Full Scale Output	+4dBu / 19dB peak
Output Impedance	300Ω
Max cable length from MIX-16/MIX-32	100m CAT5e (shielded cable required)
Dimensions	19" (483mm) W 6.25" (159mm) D 1U, 1.75" (44mm) H
Weight	4.16 lbs (1.89kg)

WHOLE SYSTEM

THD+N (18 dBu 1kHz input)	.03% (100mW, 22Ω)
	.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:
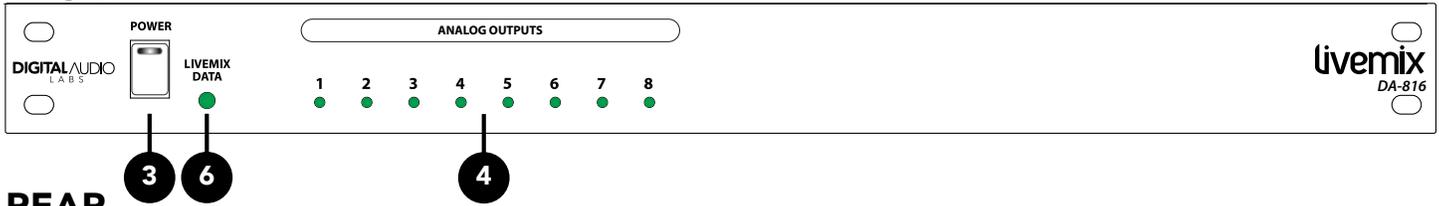
sales@digitalaudio.com
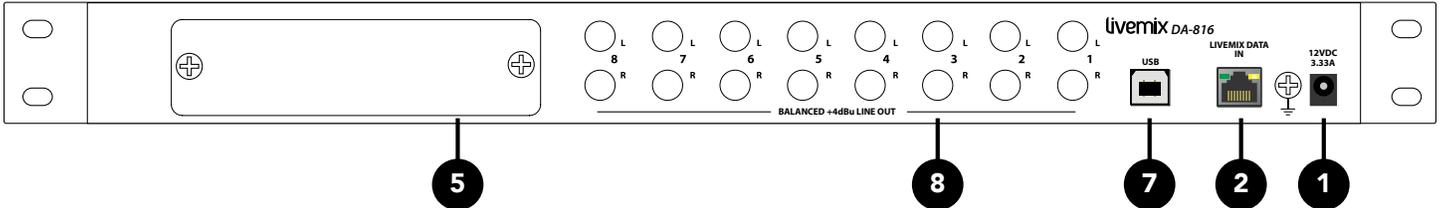Phone: 952-401-7700
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FRONT

REAR

1. **External Power Supply Connector**

2. **Livemix Data In:** Connects to a Livemix Data Out port on the MIX-16 or MIX-32.

3. **Power Switch**

4. **Outputs 1-8 LEDs:** Visual indication that a personal mix is assigned to one of the stereo outputs. These LEDs can also be used for identification and troubleshooting purposes.
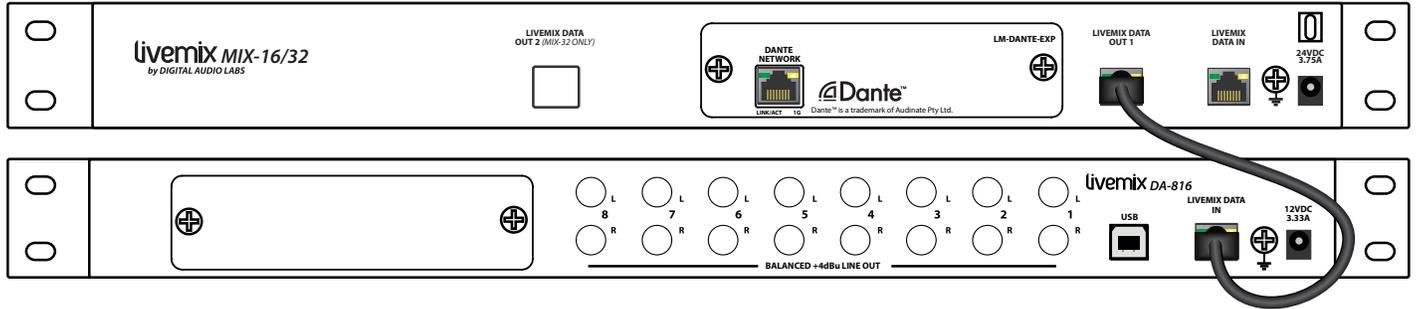
5. **Option Card Slot:** This is for future expandability.

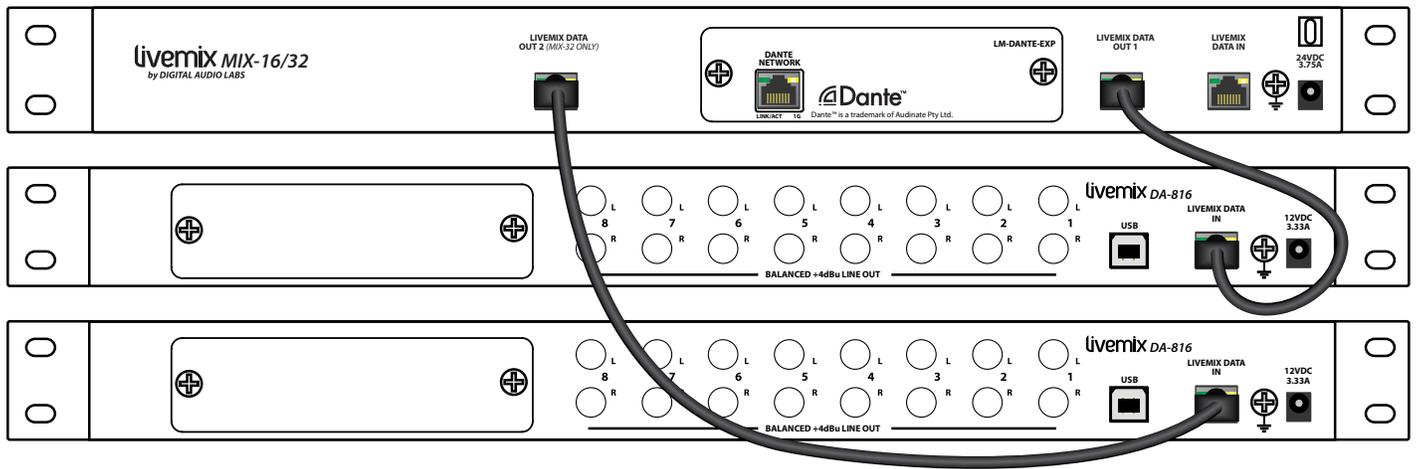6. **Livemix Data Status LED:** Indicates connection status with the MIX-16 or MIX-32.

7. **USB Port:** The USB port allows the firmware of the DA-816 to be updated through connection to a Windows PC.

8. **TRS Outputs**: 16 Balanced TRS connections in eight stereo pairs for connecting to external devices, like wireless in-ear transmitters, powered monitors, snakes, etc.

CONNECTING THE DA-816 TO THE MIX-16 AND MIX-32

CONNECTING TWO DA-816 UNITS TO THE MIX-32

CONNECTING THE DA-816 TO EXTERNAL DEVICES