



- 12in 24out digital matrix unit
- Front panel controls for SEND, ON/OFF, listening, polarity, PEQ, and delay settings for each channel
- Panel UI that shows the matrix setting status at a glance
- 8 program memories on the front panel
- ON/OFF switch for each channel Input/output monitor (listening) and select switch
- Digital input function via USB connector on the rear panel as a special option
- External control via dedicated software
- XLR connectors for input and output
- 3U rack mount size
- Level meters for all inputs and outputs
- All inputs and outputs are analog/digital switchable.

[ADC] 192kHz/24bit (internal processing 40bit) SRC built-in

[DAC] 192kHz/24bit

[INPUT] 12ch

[OUTPUT] 24ch

DMU1224 SPEC

■ GENERAL

Line Input	: 12ch (Analog / Digital Switchable)
Line Output	: 24ch (Analog / Digital Switchable)
Digital Input	: AES3-1992 (switchable with analog input) fs32kHz to 192kHz
Digital Output	: AES3-1992 (switchable with analog input) fs 192kHz Note : CCITT J17 filter is not supported.
Headphone Output	: 1ch (L/R)
Others	: USB terminal, LAN terminal for external control
Power	: AC100V-240V (50/60Hz) , 100VA / with dedicated DC power supply terminal (sold separately)
Dimensions	: EIA standard 3U 482 (W) × 132 (H) × 366 (D) mm
Weight	: 7.5kg

■ SPECIFICATION

< INPUT CHANNEL >

Input Impedance	: approx.. 20k Ω
Level Meter	: 5 point LED Meter
Others	: EDIT/MONITOR switch, EDIT LED, ON / OFF switch 8-point PEQ, delay, send volume

< OUTPUT CHANNELS >

Output Impedance	: 50 Ω
MATRIX OUT	: Input: MIX 1 ~ 12, Gain: $-\infty \sim +10$ dB variable, Edit/Monitor SW, Edit LEED, ON/OFF SW, 8 Band PEQ, Delay, Output Volume Knob
Monitor Output	: PHONES volume knob
OSC	: Select SW, 1kHz/Pink Noise/OFF

■ ANALOG OUTPUT CHARACTERISTICS

Max Input Level	: +24dBu (Balanced)
Max Output Level	: +24dBu (Balanced, 600 Ω load)
Frequency Response	: ± 0.5 dB / -2dB 20Hz ~ 50kHz (600 Ω load)
THD + Noise	: 0.01% or less @1kHz 600 Ω load (Instrument filter 10Hz to 22kHz)

< Input Operation >

Gain	: $-\infty$ to +15dB, in 0.1dB increments
Equalizer	: Parametric, + -18dB, 0.1dB increments, 0.05oct to 3oct 15Hz to 20kHz, 8 bands
Delay	: 0ms ~ 800ms , Resolution : 0.01ms
Polarity	: NORM / INV

< Memory Operation > : 8 scenes, switchable