



DIGITAL METERS UNIT DMU

Digital Meters Unit for NXAMP Powered TDcontrollers

The ultimate tool for easy monitoring of any activity on the NXAMP powered TDcontrollers inputs.

DMU mains features

- Intelligent input patch panel offering digital communication with NXAMPs.
- Provide input level meters on all analog and network inputs.
- Fully passive design on the audio and network paths.
- Powered through the host NXAMP, no need for mains supply.

The DMU is an unique tool that will perfectly fit your NXAMPs when used on the road. It offers all the necessary tools to ensure easy patching of the NXAMP inputs.

Traditionnal patch bay...

In an elegant but robust 1U low depth enclosure, the DMU offers to most demanding users an immediate overview of all inputs connected to the NXAMP powered TDcontroller.

On the left part of the unit, four XLR inputs (with output links) will act like a traditionnal patch bay, outputing the analog signals on four XLR on the back panel, to fit any cable lenght between the DMU and the NXAMP.

On the right part of the unit, three Ethercon connectors does the same but with audio and/or remote control networks.

... With unique fonctionnality

On each audio input, analog on XLR or digital on Ethercon, the DMU offers a highly readable, eight level vue-meter, plus two status leds for each network inputs.

Nothing to configure, these vue-meters are automatically driven (and powered) from the GPIO port of the host NXAMP.

Analog meters takes care of the variable input gain of the powered TDcontroller, whereas only patched digital inputs among the one availables on an audio network will be displayed.

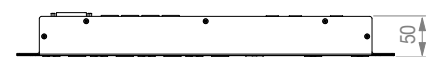
Matched impedance routing

Unlike entry level input patch bay, using only wires to connect front panel to back panel plugs, the DMU uses a carefully routed multi-layer PCB, with shielded low impedance design for analog audio and matched impedance design for the high speed network inputs.

Part of the NXAMP Universal Rack



Together with the DPU (Digital Patching Unit) and the NXAMP4x4, the DMU is part of the NXAMP Universal Rack, the interchangeable standard of power amplifiers for Nexo systems.



DIGITAL METERS UNIT DMU

NEXO is one of the world's leading sound reinforcement loudspeaker manufacturers. Founded in 1979, the company is dedicated to crafting practical solutions with solid engineering. Each new design begins with a proprietary sophisticated computer simulation process that allows every parameter to be extensively modeled and simulated, leading to breakthrough cost and performance gains. NEXO's comprehensive product line includes loudspeakers, analogue and digital control electronics and amplification; all designed to deliver consistent sound quality and long term reliability for a broad range of applications.

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METERS FEATURES

Integrated vue-meters	8 channels of 8 levels vue-meters, one per input (4 x Analog and 4 x Network).
Network activity	2 Leds per network input.

FRONT PANEL FEATURES

Analog audio connectors	4 x Neutrik XLR-3 with parallel output link on XLR-3, named from A to D.
Network connectors	3 x Neutrik Ethercon connectors, named from 1 to 3.

BACK PANEL FEATURES

Analog audio connectors	4 x Neutrik XLR-3 passive connection to front panel XLR.
Network connectors	3 x RJ45 connectors, routed to front panel through matched impedance pairs.
GPIO connector	DB-25 for digital communication and power from host NXAMP.

DISPLAYED INFORMATION

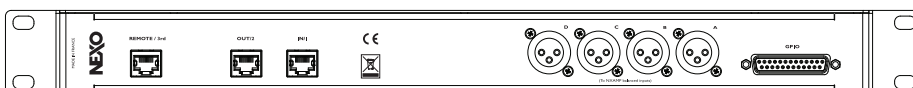
When muted	Connected speaker name, speaker pin-out, connected NXAMP inputs names.
When unmuted	Connected speaker name, output meter.

SPECIFICATIONS

Power supply	From GPIO port, 5 Volts DC, 1Watts.
Dimensions	1U 19" Rack - 50 mm (2") Depth.
Weight	1.2 Kg (2.6 lbs) net.
Electrical Safety Certification	cETLus, CB (CE)
EMC Certification	CE, FCC
Green status	Compliant with ROHS and REACH directive.

ORDERING INFORMATION

Digital Meters Unit for NXAMP	NX.DMU (1 x DMU, 1 x Quick Start Guide)
Cable Kit for DMU	NX.DMU.CK (4 x Neutrik XLR to XLR cords, 3 x RJ45 link (R,G,B), and 1 x DB-25 link)



LIMITED WARRANTY

NEXO loudspeakers and electronics are covered against defects in workmanship or materials for a period of two (2) years from the original date of purchase. At the option of NEXO the defective item will be repaired/replaced with no charge for materials/labour. The item is to be adequately packaged and dispatched, pre-paid, to a NEXO authorised distributor/service centre. Unauthorised repair shall void the warranty. The NEXO warranty does not cover cosmetics or finish and does not apply to any items which in NEXO's opinion have failed due to used abuse, accidents, modifications or any type of misuse. All images and text herein are the property of NEXO SA, and deemed accurate, although specifications are subject to change without notice.