DCNM-PS DCN multimedia Powering Switch

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Invented for life

▶ Zero network configuration

▶ Fully compatible to the Ethernet (IEEE802.3) and OMNEO standard

▶ Supports loop-trough connection with cable redundancy

▶ Standby mode to be environment friendly

The Powering Switch is used in combination with an Audio Powering Switch to supply extra power to the DCN multimedia network. The build-in Ethernet switch connects all devices in the system together into a network and supports loop-trough connection, which makes it possible to connect the multimedia device to another multimedia device and even the last multimedia device in the loop can be connected to the (audio) powering switch to create cable redundancy. The powering switch has no user controls and can be fully remotely controlled.

Functions

Controls and Indicators
- Mains switch on the rear to power on the audio powering switch.
- Led on the front to show: green (power on), amber (standby), blinking (no connection to the system).

- Led on the rear to show: green (power availability on each powered socket), red (overload per powered socket).
- Ethernet led's yellow and amber for each socket.
- Independent powered sockets; a short circuit on one socket does no influence the other sockets.
- Supports hot plug and play.

Interconnections
- Mains power supply auto ranging input.
- 1 socket with Ethernet without power, compatible with RJ45.
- 3 sockets with Ethernet with high power supply (144 W), compatible with RJ45.
- 1 socket with Ethernet with low power supply (15 W), compatible with RJ45.

Parts included

Quantity	Components
1	DCNM-PS DCN multimedia Powering Switch

Technical specifications

Electrical

Supply voltage	100-240 Vac 50-60 Hz
Power consumption	530 W
DCNM system supply	48 Vdc
Total power supply	3x 144 W + 15 W

Mechanical

Mounting	Tabletop or mounted in a 19" rack
Dimensions (H x W x D)	
for tabletop use, with feet:	92 x 440 x 400 mm (3.6 x 17.3 x 15.7 in)
for 19" rack use, with brackets:	88 x 483 x 400 mm (3.5 x 19 x 15.7 in)
in front of brackets	40 mm (1.6 in)
behind brackets	360 mm (14.2 in)
Weight	7.4 kg (16.31 lbs)
Color	Traffic black RAL 9017 Pearl light grey RAL 9022

Environmental

Operating temperature	0 ºC to +45 ºC (-32 ºF to +113 ºF)
Storage temperature	-20 ºC to +70 ºC (-4 ºF to +158 ºF)
Relative humidity	< 96 %, > 5 %

Ordering information

DCNM-PS DCN multimedia Powering Switch
Supplies power to DCN multimedia devices, build-in Ethernet switch.
Order number **DCNM-PS**