

NDP12 RCK Network Dimmer with RCK system



The NDP RCK is a network dimmer pack especially adjusted to fit to the RCK system. The RCK system is a perfect solution for fixed installations, where quick and easy replacement of DDP, NDP or SPU units is necessary. This 4U system features durable wheels and connectors that provide trouble-free operation.

The NDP unit is controlled via a high speed RISC processor with high resolution D/A converter. This technology guarantees trouble-free operation and high-proof against the negative influence of surroundings with top class rise-time of 400us.

Power supply

AC3x230/400V / 50Hz, 3x40A max

Operating temperature

-20 °C to +40 °C

Housing

Steel; with gray powder coating

Dimensions & Weight

483 x 132 x 460mm, 28kg

Warranty

5 years



NDP12xx features:

- Integrated GFI or Main switch
- 6A / 10A / 13A / 16A / 25A / 32A modules
- DIMMER/RELAY switch option controlled via curve or manually
- S-Drive pulse transformers on triacs for zero load control
- Main voltage, temperature, frequency, DMX line status on LCD
- Software patch / Preheat / Custom curve options for each channel
- Ethernet port: SRSnet™, ArtNET™, sACN control protocols (other on request)
- 16 scenes with a fade in between them
- USB port for: software update, presets, protection of the unit
- 2x DMX512 port with full RDM support
- SRS UltiSense free setup / monitoring software
- Audible warnings for voltage, frequency, disconnection of neutral
- High efficiency, less than 2% thermal lost per channel on full load

RCK system features:

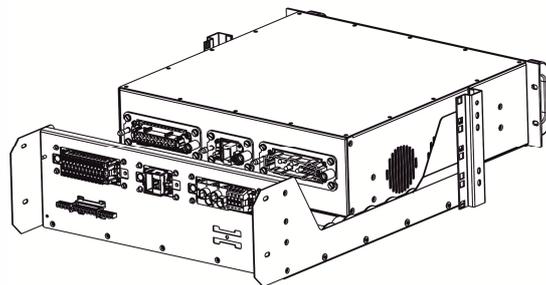
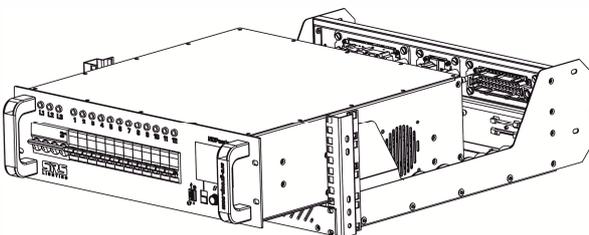
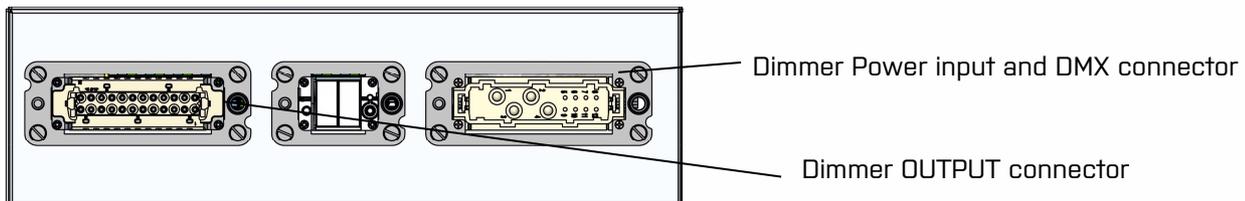
- Easy change or replacement of the dimmer, switch or other device
- Ideal for touring/studio installations
- Suitable to be mounted on standard telecom rack
- Can be supplied with a power distributor
- Can be used with series400 and SPU series units

NDP12XX_RCK_en_datasheet_M292

Configuration table:

Type	NDP1210	NDP1210B	NDP1213	NDP1213B	NDP1216	NDP1216B
Number of channels	12					
Type of protection	Phase only					
Maximum output current per channel	10 A	10 A	13 A	13 A	16 A	16 A
Main voltage / Frequency	3 x 230 V / 40-65Hz					
Maximum current	3 x 40 A	3 x 40 A	3 x 52 A	3 x 52 A	3 x 64 A	3 x 64 A
Load	0 W - SRS S-Drive technology					
min.						
max.	2300 W	2300 W	2990 W	2990 W	3680 W	3680 W
Main protection	30 mA GFI	4-pole switch	30 mA GFI	4-pole switch	30 mA GFI	4-pole switch
Connections	2x DMX512 port, RDM capable					
DMX512						
Ethernet	SRSnet, artNET (other on request)					
W-DMX	optional W-DMX Receiver/Transmitter					
Features	Ultisense SW monitoring, Critical alerts, 5-year warranty, optional current measuring					

Rear panel:



RCK system specifications:

