

DTA16

DMX

Demultiplexer

The DTA16 is a 16-channel demultiplexer of the DMX signal. This small portable device allows controlling of all devices with analogue inputs (0 to +10V) from theatrical light desk via the DMX line.

The DTA16 unit contains a DIP-switch that allows for easy start address setting, XLR 3- or 5-pin input and true out connector and a pair of LEDs indicating the DMX line status.

The demultiplexer is powered by a 15V adapter that comes with the device. The output connection is done using a SUB-D 25-pin connector that is short-circuit protected.

Power supply

DC 15-24V, 140mA – 350mA

Operating temperature

-20 °C to +60 °C

Housing

Steel; with powder coating

Dimensions & Weight

110 x 44 x 145mm, 1.0kg

Warranty

Life-time



DTA16 features:

- 16-channel digital to analogue converter
- Optically isolated input with true output
- Over-voltage protection of the DMX input
- LED indication of the DMX line
- DIP switch for the DMX address setting
- Automatic test function
- Overvoltage protection by a polyswitch

DMX input:

USITT DMX 512 (1990)

Analogue Outputs:

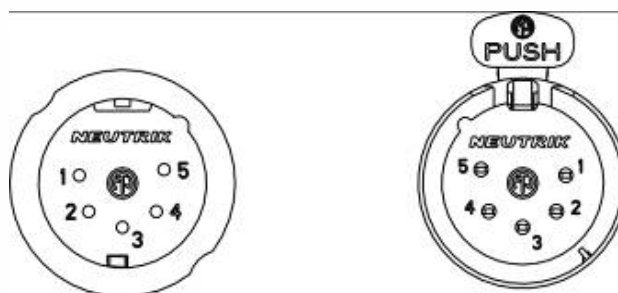
- 16x 10mA
- 0-10V, 10mA for each channel
- Short-circuit protection



DTA16_en_datasheet_M093

XLR 5-pin connector (Neutrik®):

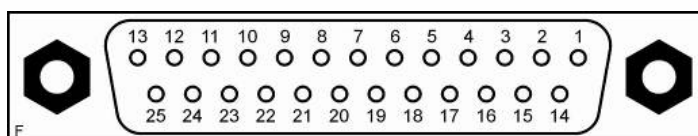
Pin 1	Data common
Pin 2	Data -
Pin 3	Data +
Pin 4, 5	Not connected



The DMX output is wired in ration 1:1 to the DMX Input

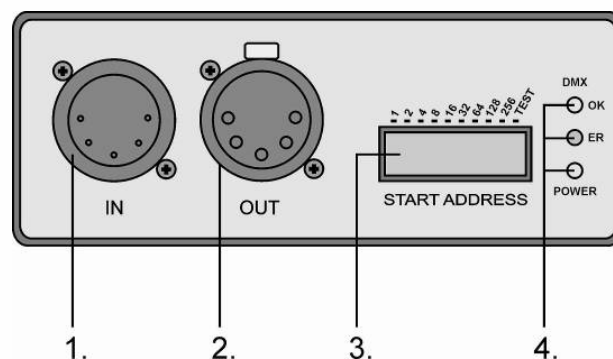
SUB-D female output connector:

Pin 1-16	Channel 1-16
Pin 19-25	GND



Front panel description:

- DMX input**
- DMX output**
- Switch DMX start address (UP for ON)**
- LED indication**



Rear panel description:

- SUB-D female output connector**
- Power supply connector**

