DMX Demultiplexer

Instruction Manual

Models:

DTA16

version 1.0 since 21 May 2018

ATTENTION!

This instruction manual contains important information about the installation and the use of the equipment. Please read and follow these instructions carefully.

Always ensure that the power to the equipment is disconnected before opening the equipment or commencing any maintenance work.

Rigging manual_template

General

IMPORTANT INSTRUCTIONS

All safety and operating instructions should be read before the equipment is installed or operated.

IMPORTANT SAFETY INFORMATION

The following general safety precautions have to be observed during all phases of operation, service, and the repair of this equipment. Failure to comply with these precautions or with specific warnings in this manual violates safety standards of design, manufacture, and the intended use of this equipment.

Do not operate in an explosive atmosphere!

Do not operate this equipment in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

Water, moisture, heat and humidity

Do not operate this equipment near water or in areas with wet floors or in high humidity atmosphere where condensation forms on the equipment. It should never be placed near or over a heat register or other source of heated air and it should not be installed or operated without proper ventilation.

Proper use

Use only original adapter.
Let the device adapt the environment for at least 10 minutes after unpacking.

Analogue output connection

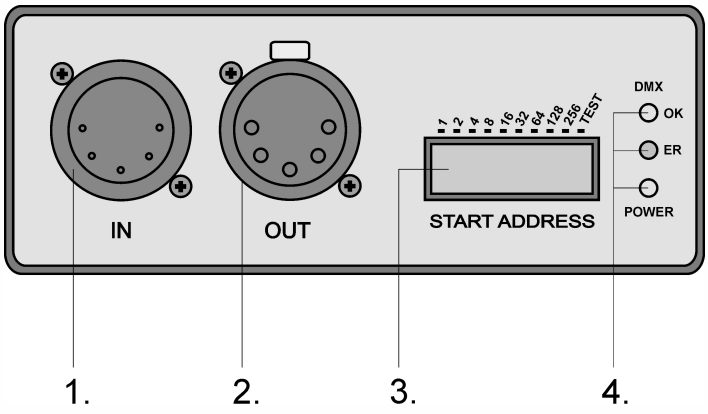
Analogue outputs (standard 0/+10V) are in a form of SUB-D socket.

DMX input and output connections

Male and female DMX standard 3- or 5-pin XLR connectors are located on the front panel. DMX input is optically isolated.

Device description

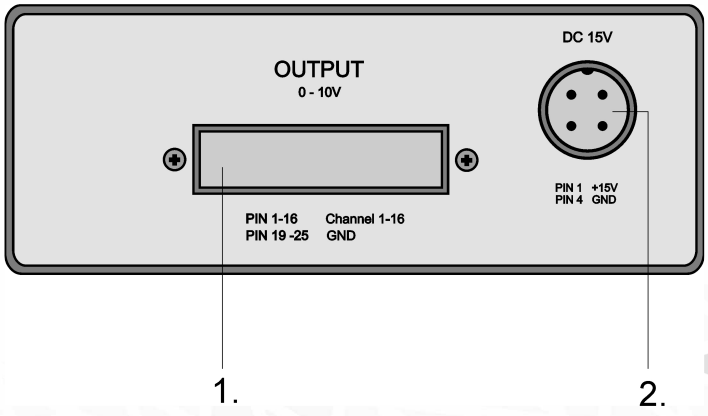
Front panel:



1. DMX input
2. DMX output
3. Switch DMX start address (UP = ON)
    - #1-9 are allocated for DMX start address selection 1-256
    - #10 is TEST mode activation. In this mode, the outputs runs in sequence 1-16 automatically 0/+10V.

4. LED indication
    - POWER ON — ON when device is powered
    - DMX OK — ON when correct DMX is received
    - DMX OK — BLINKING when test DIP is activated
    - DMX ERR — ON when DMX with inversed polarity is detected

Rear panel:



1. SUB-D output connector
2. Power supply

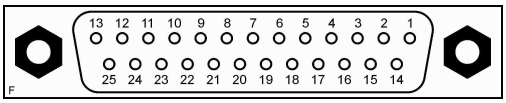
Inputs and Outputs:

Pin out of the XLR connectors:

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

Pin out for the SUB-D connector:

Pins 1-16 Channels 1-16
Pins 19-25 Ground



Technical data

Power supply:
DC15V, 0.8A, external adapter

Technical attributes:

- 16 channel DMX to analog 0/+10V converter
- Optically isolated input with true output
- LED indication of the DMX line
- DIP switch for setting of the DMX address
- Test function

Input:

USITT DMX 512 (1990)

Output:

16x analog output 0/+10V, max. 10mA per output

Housing:

Steel housing with gray powder coating
110 x 44 x 145 mm

Weight:

0.6 kg

DECLARATION OF CONFORMITY
According to guidelines 89/336 EEC and 92/31 EEC:

Name of producer: SRS Group s.r.o.

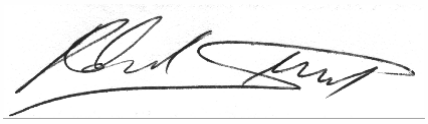
Address of producer: Rybnicna 36/D, SK- 83106 Bratislava, Slovak Republic

Declares that the product

Name of product: DTA16
Type: DTA16-3, DTA16-5, DTA16-C and their variants

Corresponds to the following product specifications:
Safety: EN60065, resp. EN 60950
EMC: EN55103-1, resp. EN55103-2

Bratislava, 7 November 2002



Copyright 2017 SRS Group, s.r.o. | Specifications subject to change without notice.
Document: Rigging manual_template | Version 1.0 | Actual as of: 21 May 2018

SRS Group s.r.o.
Rybnicna 36/D | 831 07 Bratislava | Slovakia
Phone: +421 2 44 681 417 | Fax: +421 2 4468 1419
Email: sales@srs-group.com | www.srs-group.com