VNR BOOSTER DMX 512 & ETHERNET

Booster
10'604

The Booster 10'604 splits one DMX512-Signal into 12 optocoupled outputs.

Two different versions of inputs/outputs connectors are provided:

- Booster 10'604 XLR with 5 pins XLR-connectors

- Booster 10'604 RJ45 with 8-poles Ethercon RJ45-connectors , with ESTA Pinout.

Power supply : Boosters 10'604 are equipped with a 230V/50Hz power supply.

The basic version of the booster is ready to use without any configuration.

The Eternet version of booster is equiped with two inputs (1x DMX512 or Ethernet and 1x Ethernet) and 12 outputs DMX512 (2x 6 Outputs).

The inputs and outputs are software configurable. The following configuration are programmable :
Input type (DMX, Ethernet),
Input processing (HTP, LTP,
Priority A, Priority B, separate),
Output in case of DMX failure
(OFF - All DMX channels are set to 0
HOLD - The last valid value is memorised.)
Outputs are free patchable.

Setup program.
Options are configured with a PC base program.
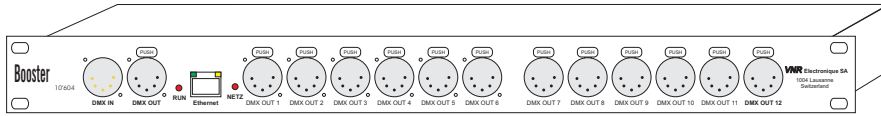The same program can be used for remote monitoring of the devices.

FEATURES

Booster DMX	• Optocoupled inputs • 12 outputs DMX512
DMX 512 Input monitoring	DMX input signal is monitored with a microprocessor
Options	Booster are available with two connector types • Booster |10'604 XLR • Booster |10'604 RJ45
Ethernet ART NET ETHERNET	The Ethernet option of the booster allows more possibilities eg. input output patching, Configurable state of outputs in case of DMX input failureas well as remote monitoring.

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Booster | 10'604

CONNECTORS:

Booster | 10'604 **XLR**

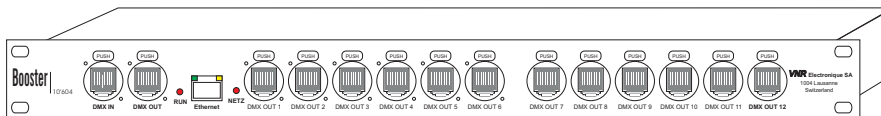| **DMX Inputs pinout:**	**DMX Outputs pinout**
PIN 1 - GND PIN 2 - Data - PIN 3 - Data + PIN 4 - n.c. PIN 5 - n.c.	PIN 1 - GND PIN 2 - Data - PIN 3 - Data + PIN 4 - n.c. PIN 5 - n.c.

Booster | 10'604 **RJ45**

DMX Input pinout	**DMX Output pinout**
PIN 1 - Data + PIN 2 - Data - PIN 3 - n.c. PIN 4 - n.c. PIN 5 - n.c. PIN 6 - n.c. PIN 7 - GND PIN 8 - GND	PIN 1 - Data + PIN 2 - Data - PIN 3 - n.c. PIN 4 - n.c. PIN 5 - n.c. PIN 6 - n.c. PIN 7 - GND PIN 8 - GND

SPECIFICATIONS:

Inputs:	1 x XLR or RJ45 - ESTA Pinout (Ethercon)
Outputs:	12 x XLR or RJ45 - ESTA Pinout (Ethercon)
Ethernet (Option):	Standard 10baseT - RJ45 Connector
Dimensions:	19'' (483mm) Rack / 1U
Device dimensions:	L x W x H 440mm x 165.5mm x 40mm (without 19'' Rack)
Weight:	0.95 Kg
Power supply:	230 V ~ / 50 Hz

Features specified herein may be improved, modified or suppressed at any time in order to improve design or performance and to supply the best possible product.

VNR FILE: 80'006.cdr

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FEATURES

Inputs

- One opto-coupled DMX512 input
- Input impedance: about 8 times normal DMX specification. This allows more units to be connected on one DMX line.
- Robust input protection. Opto isolated Transient overvoltage ESD protection according to EC 1000- 4-2 standard. Protection against sustained input overvoltage.

Outputs:

- 12 opto-isolated DMX512 outputs
- Output drivers with controlled slew rate, decrease the EMI radiated from the RS485 lines improve signal fidelity with slightly mismatched or unterminated lines.

Indicators:

- DMX: LED ON indicates that a valid DMX signal is present on the input
- RUN: flashes at approximately 1 second intervals when the unit is operating normally.
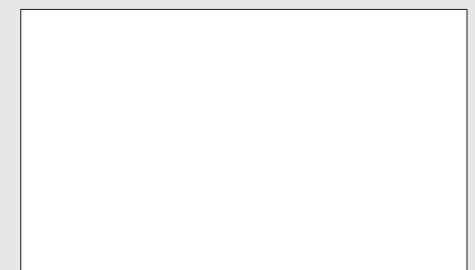
Power supply:

- Built-in 230V/50 Hz power supply

Ethernet :

Configurable inputs and outputs:
- - 1 inputs DMX512
- - 1 input DMX 512 and 1 Ethernet inputs
- - 2 Ethernet inputs

- Merger between inputs possible (HTP, LTP, PRIORITY).
- Dynamic patch programming
- The behaviour in case of loss of input signal for each channel can be individually defined. (HOLD, OFF).

Sold by:

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