

Tech Data

REF.: PTR7203

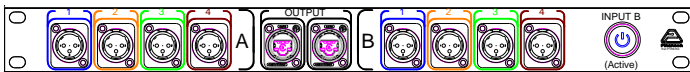
CONTROLLERS

SWITCH 4 CHANNELS
8 INPUTS 4 OUTPUTS by RJ45

Description

The **Switch 4 CHANNELS REF.: PTR7203** offers to the user:

- **8 DMX inputs** through **XLR-M**
- **4 DMX outputs** through **one RJ-45 CAT.6A**
- Change of **4 ch simultaneously** (from one input to other) through **one** button.
- **1 RJ45 output** in parallel
- Intuitive and straightforward use.
- Rack mount 19" format.



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SWITCH 4 CHANNELS

8 INPUTS

4 OUTPUTS

AR BOX FORMAT (RACK MOUNT)

Description

- This device allows switching **8 DMX inputs** (in two groups of 4) to **4 outputs through a button**. The outputs are transmitted through a single **CAT.6A RJ45 connection**.
- By default, this equipment works in a **passive way placing the input A in the output**.
- To **change to input B** it is required **pressing the power button**. So, in an active mode, the B inputs (at the same time) will be in the output.
- The **input connections** are made by **8 XLR-3-M** and **output connection** by **1 RJ45 CAT.6A** (through 4 balanced pairs).
- Additional RJ45 in parallel connector
- AR box format to be installed in a 19" rack.

Applications

Events where **two DMX consoles are used** and the user need to switch between one and the other without connect/disconnect cables. The transmission of 4 channels is made by a single cable and connector simplifying the installation, as well.

Tech Specifications

Insertion loss <i>(Balanced Input/Output)</i>	≈ 0 dB	
THD + N <i>(+4 dBu, 1 KHz)</i>	≤ 0.01%	
Crosstalk <i>(+ 4 dBu, 10KHz)</i>	Between adjacent channels -114 dB	
SNR <i>(+ 4 dBu, 1 KHz, BW 20 KHz)</i>	>100 dB	
Power	Input Voltage	85 V _{AC} to 270 V _{AC}
	Input Frequency	47 Hz to 63 Hz

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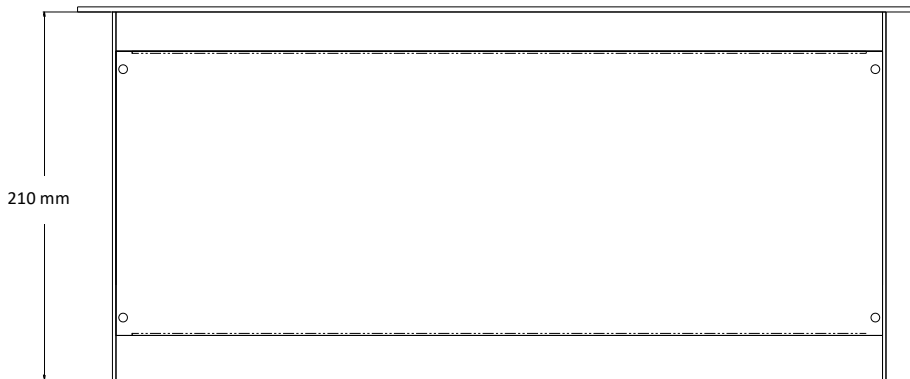
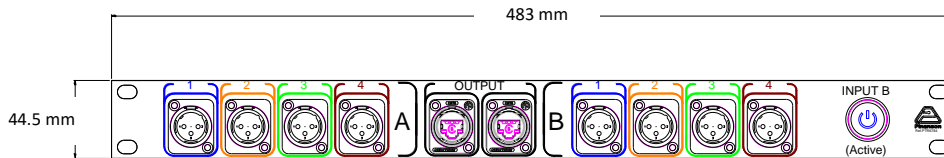
8 INPUTS

4 OUTPUTS

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Physical Characteristics

- Extruded aluminium panel.
- Finish: direct print



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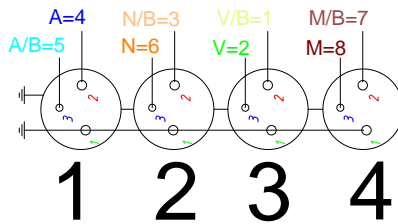
Connection diagram

RJ45 CAT.6A according to TIA 568A



7	White/Brown	2	Green
8	Brown	1	White /Green
5	White /Blue	3	White /Orange
4	Blue	6	Orange

XLR-3



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Measurements



Audio measurements are done with **Audio Precision APx515 analyser**.



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For possible changes due to continuous product improvements; Pinanson S.L. reserves the right to change the showed data in this document without notice. The data presented here correspond to the time it was compiled.