

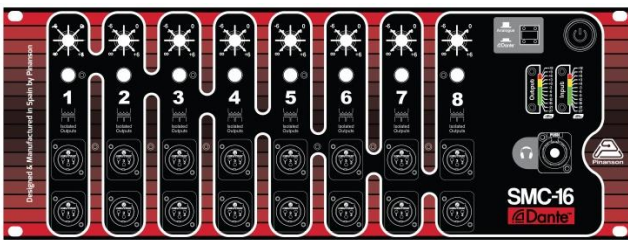
Tech Data

PRESS SPLITTERS

SMC DANTE

16 CHANNELS

AR FORMAT



Description

The *active Pinanson SMC 16 Dante Splitter* offers to the user:

- 1 RJ-45 Dante networked audio **input**.
- 1 XLR-F Mono-Balanced **Input**.
- 1 XLR-M Mono-Balanced **Output** for Link.
- 16 XLR-M Mono-Balanced and insulated (by transformer) **Outputs**.
- Gain potentiometer - ∞ to +6 dB.
- Headphones and visual monitoring.
- Intuitive and straightforward use.
- Reliable response.

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Description

The **Splitter SMC 16 Dante** is to be used both in a **Dante networked audio** installation and with **analogue audio**.

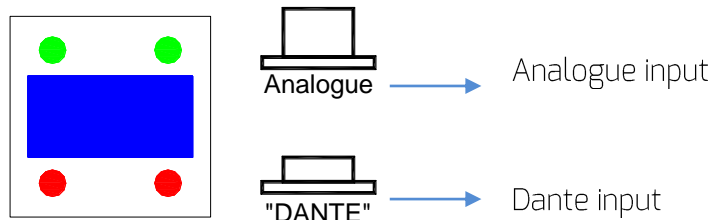
This device works with two inputs (switchable):

- A line level balanced and analogue input through XLR-H-3.
- A networked Dante audio input through RJ-45.

It converts the Dante signal to analogue audio input (if the Dante input is chosen) and it is distribute:

- Into 16 line level balanced and analogue outputs with output gain and monitoring components (visual and by headphones).

The **Splitter SMC 16 Dante** is a device that makes it possible to distribute an analogue line signal or a networked Dante audio signal into 16 **transformer-isolated outputs**. These outputs are available for the press with the possibility of modify output level and check the input/output ratio. You can hear the signal of each channel by headphones.



Applications

Installations with **Press Rooms** that need to distribute a networked Dante audio signal or an analogue signal into **16 line level audio outputs**.

To distribute these signals to the press media, avoiding problems between the different devices that will be connected to these outputs.

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Tech Specifications

Dante input

Sample Rate	44.1 KHz, 48 KHz (default) and 96 KHz
Bit depth	24 bits
Network speed	100 Mbps
Power	PoE (Power over Ethernet) Class 1 802.3af POE PD compliant

Analogue Inputs/Outputs

Max. Input Level	30 Hz, 1% THD+N	+ 19 dBu
	1KHz, 1% THD+N	+20 dBu
Input Impedance <i>(Balanced, +4 dBu, 1 KHz)</i>	44 kΩ	
Output Impedance <i>(Balanced, +4 dBu, 1 KHz)</i>	600 Ω	
Gain <i>(Balanced Input/Output)</i>	- ∞ a +6dB 0.5 dB steps	
THD + N <i>(G_{MAX}, 1KHz)</i>	≤ 0.03%	
IMD <i>(G_{MAX}, 60 Hz y 7KHz)</i>	≤ 0.03%	
Frequency Response <i>(+4 dBu, 20 Hz – 20 KHz)</i>	± 0.3 dB	
SNR <i>(+ 4 dBu, 1KHz, BW 20 KHz)</i>	97 dB	
CMRR <i>(+ 4 dBu, 1KHz)</i>	>60 dB	
Power	Connector	IEC 3 pins
	Input Voltage	85 – 270 V _{AC}
	Input Frequency	47 Hz – 63 Hz

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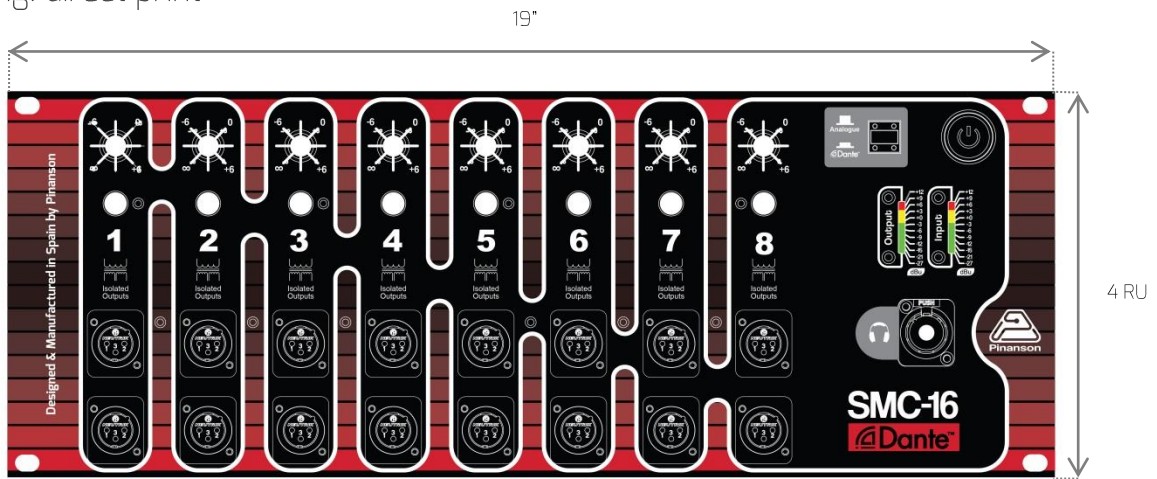
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Physical Characteristics

- Extruded aluminium panel
- Finishing: direct print



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Measurements



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



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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.