

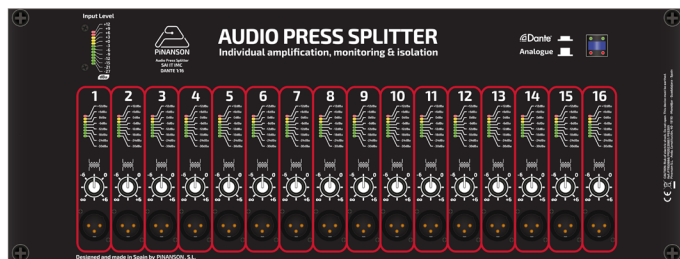
User's Manual

PRESS SPLITTER

SMC DANTE

AR FORMAT

1 Input - 16 Outputs



Description

The **SAI IT IMC 16 Dante** offers to the user:

- **1 RJ-45 Dante input**
- **1 XLR-H balanced by transformer input**
- **16 XLR-M balanced and individually isolated by transformer.**
- **Control gain** per each output, within that range: **- ∞ a +6 dB**
- **Visual monitoring** of the input level and output level (individually per output).
- Intuitive and straightforward use.
- Reliable response.
- AR box for 19" rack format.

Description

This splitter **SAI IT IMC 16 Dante** is designed for operation on a Dante network as well as analogue audio by XLR-H-3 for analogue balanced audio and RJ45 for Dante signal.

User can choose between two inputs pushing the button Dante/ Analogue signal.

This equipment distributes an analogue line signal or digital signal in a Dante network to 16 transformer-insulated outputs available for press teams with the possibility of modifying the output gain and displaying the input/output level (each output).

The **Active SAI IT IMC 16 Splitter** has a highly good Frequency Response (deviation in 20Hz-20 KHz of ± 0.3 dB), high CMRR (>100 dB @ 1KHz) and high Signal to Noise ratio (SNR) of 98 dB.

Applications

Press Rooms that need to distribute a **Dante or analogue signal in 16 audio outputs** at line level avoiding problems between the different devices that will be connected to the outputs of the splitter.

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Tech Specifications

Dante Input

Sample Rate	44.1 KHz, 48 KHz (por defecto) y 96 KHz
Bit Depth	24 bits
Network	100 Mbps
Power	PoE (Power over Ethernet) comply with Clase 1 802.3af POE PD The switch used in the Dante network has to comply with these PoE characteristics

Analogue audio Input

Max. Input Level	1 KHz, THD+N = 1%	+21 dBu
	40 Hz, THD+N = 1%	+14 dBu
Input Impedance (Balanced, +4 dBu, 1 KHz)	44 K Ω	
Output Impedance (Balanced, +4 dBu, 1 KHz)	300 Ω	
Max. Gain (Balanced Input/Output)	- ∞ a +6dB (steps of 0.5 dB)	
THD + N (+4 dBu, 1 KHz)	$\leq 0.002\%$	
IMD (+4 dBu, 60 Hz y 7 KHz)	$\leq 0.003\%$	
Frequency Response (+4 dBu, 20 Hz – 20 KHz)	Deviation	± 0.3 dB
	98 dB	
CMRR	60 Hz, +4 dBu	>90 dB
	1 KHz, +4 dBu	
	3 KHz, +4 dBu	
Power	Input Voltage	200-240 VAC(*)
	Input Frequency	50-60 Hz
	Current (230 V)	105 mA

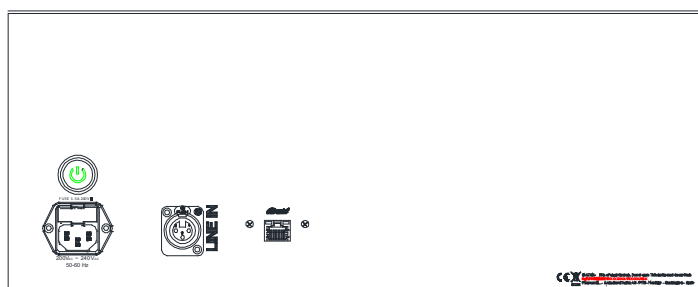
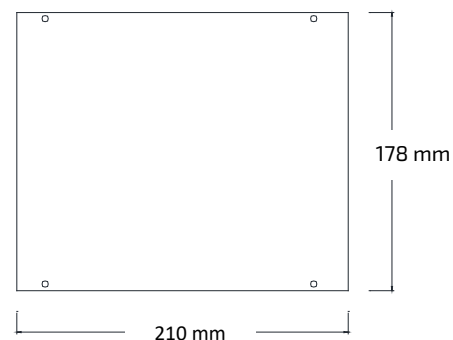
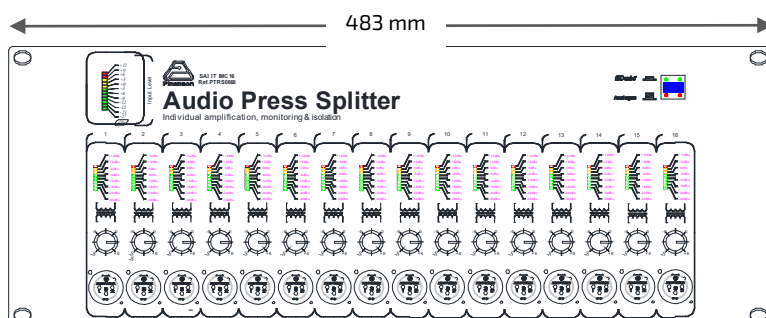
(*) For use below that voltage consult technical support

User's Manual

PRESS SPLITTER SMC DANTE AR FORMAT 1 Input - 16 Outputs

Physical Characteristics

Material	• Panels made of extruded aluminium. • Finishing: direct printing
Approx. Weight	12 Kg
Working temperature	0-45°C



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RAEE



Una vez el equipo suministrado haya llegado al final de su vida útil, debe ser depositado en un punto de recogida de residuos eléctricos o electrónicos.



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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.

