

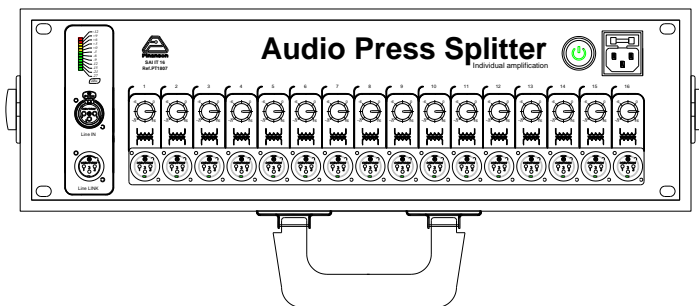
Tech Data

PRESS SPLITTER

SAI IT

16 CHANNELS

FLIGHT CASE FORMAT



Description

The *SAI IT 16 Active Splitter* of Pinanson offers to the user:

- Distribution of 1 audio signal into 16 individually isolated by transformer outputs.
- Control gain per each output, within that range: $-\infty$ a +6 dB
- Visual monitoring of the input level.
- High quality transformers in each output.
- Intuitive and straightforward use.
- Reliable response.
- Flight Case (briefcase) format.

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Description

The *Active SAI IT 16 Splitter for Press of Pinanson* offers distribution of **1 line level signal** into **16 outputs**.

Both the input and outputs work at **line level**.

The user will have the outputs with the possibility to **modify the level with a potentiometer** per each output and **check the input level** thanks to visual monitoring by *LEDS*.

This is a Flight Case (briefcase) ^(Note 1) format to move your splitter to any event in a comfortable and safe way.

This audio distributor has **the advantage of having a transformer per each output**, ensuring **total isolation** from all other signals in the audio system.

The *Active SAI IT 16 Splitter for Press of Pinanson* has a highly good Frequency Response (deviation in 20Hz-20 KHz of ± 0.2 dB), low distortion (THD + N $\leq 0.01\%$) and really high Signal to Noise ratio (*SNR*) of 98 dB.

Note 1: Consult other formats on the website www.pinanson.com.

Applications

For **Press rooms**, when splitting **1 LINE** Audio input signal into **16** identical outputs with **individual level control and insulation** (by transformer) is required.

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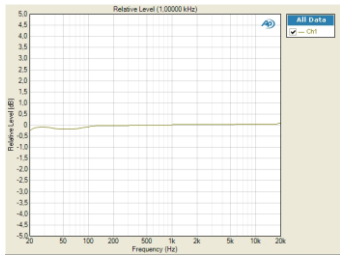
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Tech Specifications

Max. Input Level	1 KHz, THD+N = 1%	+21 dBu
	40 Hz, THD+N = 1%	+14 dBu
Input Impedance <i>(Balanced, +4 dBu, 1 KHz)</i>	44K Ω	
Output Impedance <i>(Balanced, +4 dBu, 1 KHz)</i>	300 Ω	
Max. Gain <i>(Balanced Input/Output)</i>	- ∞ a +6dB (steps of 0.5 dB)	
THD + N <i>(+4 dBu, 1 KHz)</i>	$\leq 0.002\%$	
IMD <i>(+4 dBu, 60 Hz y 7 KHz)</i>	$\leq 0.003\%$	
Frequency Response <i>(+4 dBu, 20 Hz – 20 KHz)</i>	Deviation	± 0.3 dB
	Relative Level (@1000 Hz)	
		
SNR <i>(+ 4 dBu, 1 KHz, BW 20 KHz)</i>	98 dB	
CMRR	60 Hz, +4 dBu	>60 dB
	1 KHz, +4 dBu	
	3 KHz, +4 dBu	
Power	Input Voltage	85 V _{AC} to 270 V _{AC}
	Input Frequency	47 Hz to 63 Hz

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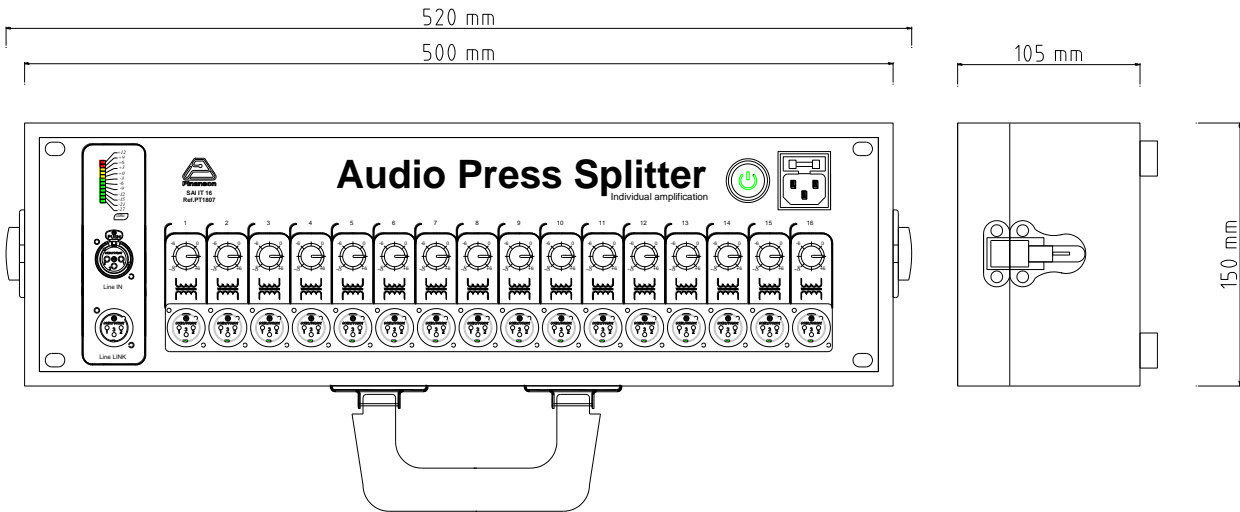
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Physical Characteristics

- Extruded aluminium panel.
- Finish: sheet vinyl screen.



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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.