

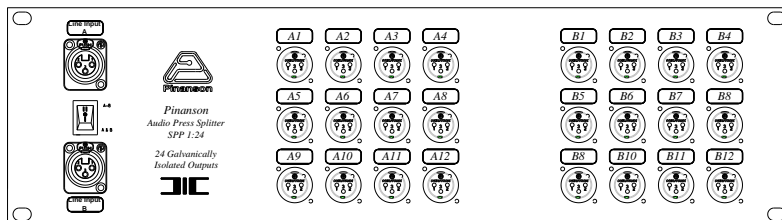
Tech Data

PRESS SPLITTER

SPP

AR FORMAT

1 Input – 24 Outputs & 2 Input – 12 Outputs



Description

- 2 XLR-F Inputs.
- 24 XLR-M insulated (by transformer) Outputs.
- **Switch** to choose the operation from 1 input to 24 outputs or 2 inputs to 12 outputs per input.
- High Quality transformer providing high CMRR^(*) (90 dB@1KHz).
- Format for rack mount.

(*) Common Mode Rejection Ratio

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Description

This **Passive Press Splitter** is made up of 2 line level inputs + 24 line level outputs. This Passive Splitter with 24 outputs is a device which makes possible the distribution of one line level signal into 24 outputs (isolated by transformer) **OR** two line level signals into 12 outputs (isolated by transformer) per each input, available for press.

Applications

For **Press Rooms** where splitting from **1 or 2 line audio inputs** into **12 or 24** outputs (insulated by transformers) is needed.

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Tech Specifications

Max. Input Level	50 Hz, 0.4% THD+N	+ 8 dBu	
	1KHz, 1% THD+N	+ 26 dBu	
Source Impedance <i>(Balanced)</i>	150 Ω		
Load Impedance <i>(Balanced,)</i>	>1 KΩ		
Insertion Loss <i>(Balanced Input/Outputs)</i>	No Load ≈0 dB	With load 24 outputs : Line input impedance 10 KΩ Total insertion loss -0.7dB	
THD + N <i>(+4dBu, 1KHz)</i>	12 outputs ≤ 0.05%	24 outputs ≤ 0.14%	
IMD <i>(+4dBu, 60 Hz y 7KHz)</i>	12 outputs ≤ 0.06%	24 outputs ≤ 0.09%	
Frequency Response <i>(+4 dBu, 100 Hz – 20 KHz)</i>	Deviation	12 outputs ± 0.8 dB	24 outputs ± 1.9 dB
SNR <i>(+4 dBu, 1KHz, BW 20 KHz)</i>	118 dB		
CMRR	60 Hz, +4 dBu	>80 dB	
	1 KHz, +4 dBu		
	3 KHz, +4 dBu		

NOTE: this audio signal distribution is done passively so it is inevitable to increase the insertion loss as the loads on the splitter outputs increase.

As can be seen in the *Technical Specification* with the **24 outputs** connected there would be a total insertion loss of **-0.7 dB** if a **line input device of 10 K Ω** is connected.

If is connected to a microphone input of **1.8 K Ω impedance**, for instance, the **total** insertion loss with all 24 outputs loaded would be **-2.4 dB**.

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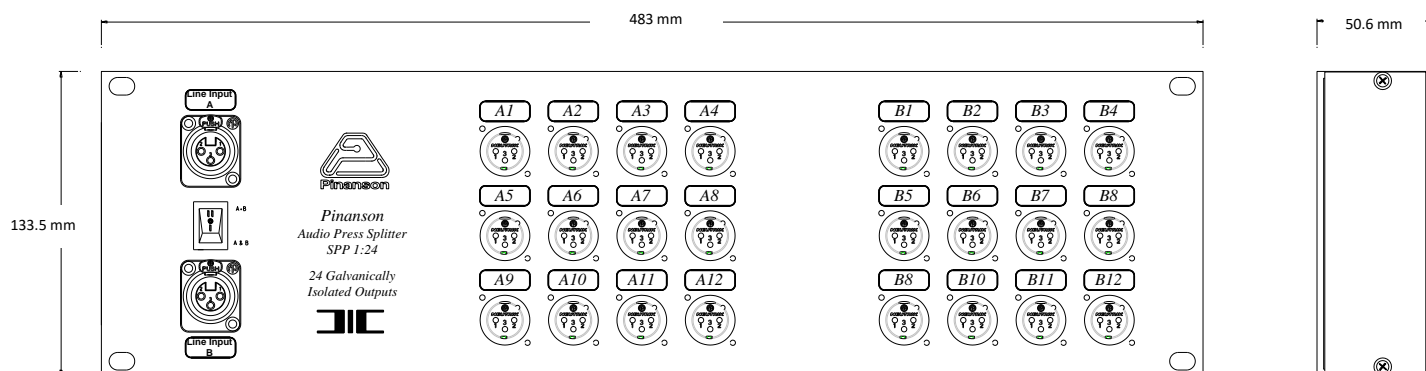
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Physical Characteristics

AR Format (Rack mount)

- Box for 19" Rack.
- Extruded Aluminium
- Direct printing



Operation

OPTION 1: From 1 Input to 24 outputs
"A + B"

1. Switch "A + B".
2. Connect an audio signal in A **OR** B Input.
3. The signal will be distributed in **both A and B outputs**, up to 24 outputs.

OPTION 2: From 2 inputs to 12 outputs
"A & B"

1. Switch "A & B".
2. Connect the audio signals in A **AND** B inputs.
3. The signal **A** will be distributed to **A1-A12**
The signal **B** will be distributed to **B1-B12**

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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.