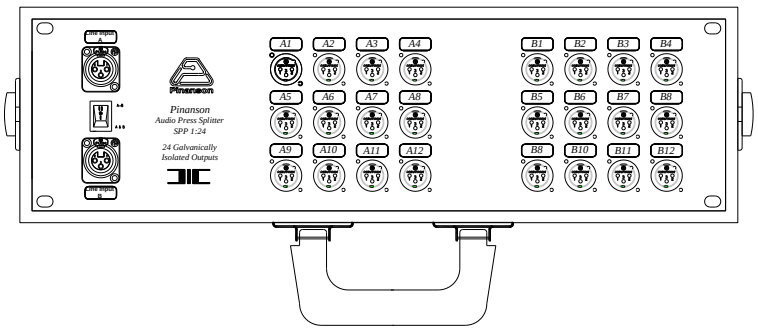
Tech Data

PRESS SPLITTER

SPP

FLIGHT CASE 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).
- Flight case format

(*) 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 *(Balanced)*	150 Ω		
Load Impedance *(Balanced,)*	>1 KΩ		
Insertion Loss *(Balanced Input/Outputs)*	No Load ≈0 dB		With load **24 outputs:** Line input impedance 10 KΩ Total insertion loss -0.7dB
THD + N *(+4dBu, 1KHz)*	12 outputs ≤ 0.05%		24 outputs ≤ 0.14%
IMD *(+4dBu, 60 Hz y 7KHz)*	12 outputs ≤ 0.06%		24 outputs ≤ 0.09%
Frequency Response *(+4 dBu, 100 Hz – 20 KHz)*	Deviation	12 outputs ± 0.8 dB	24 outputs ± 1.9 dB
SNR *(+4 dBu, 1KHz, BW 20 KHz)*	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 KΩ** is connected.
If is connected to a microphone input of **1.8 KΩ impedance**, for instance, the **total** insertion loss with all 24 outputs loaded would be **-2.4 dB.**

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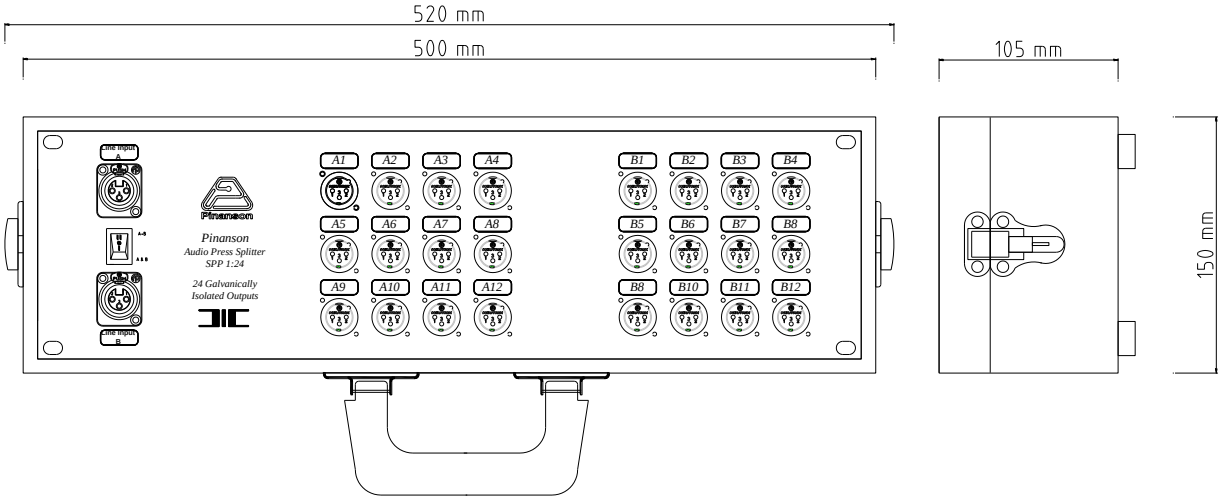
Physical Characteristics

Flight case Format

- Wood and PVC briefcase
- 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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1 Input – 24 Outputs & 2 Input – 12 Outputs

Measurements

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

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