

Tech Data

PRESS SPLITTERS

SMC

24 CHANNELS

SEVERAL FORMATS



Drawing: Flight Case format.

Description

- 1 XLR-F balanced by transformer **input**.
- 1 XLR-M balanced **output** for Link.
- 24 XLR-M balanced and insulated (by transformer) **outputs**.
- Gain potentiometer - ∞ to +6 dB.
- Headphones and visual monitoring.
- Intuitive and straightforward use.
- Reliable response.
- Several formats: *Flight Case* (Briefcase style), *AR Box* (Rack mount) and *Wall Rack* (Recessed mounted).

Description

The **SMC 24 Active Press Splitter** is made up of 1 line level input + 1 line level link output and 24-line level outputs with an output gain potentiometer and monitoring components (visual and by headphones) in groups of 3.

Splitting 1 line signal into 24 insulated (by transformer) line level outputs is possible with the **SMC 24 active splitter**. These 24 signals will be available for the press with the possibility of modifying output level and check the input/output ratio. You can test the signal of each channel by headphones.

Several formats are available:

- **Flight Case (Briefcase)** format by which move the splitter in a comfortable and safe way is possible.
- **AR (Rack Mount) Box** format for installation in 19" Rack.
- **Wall Rack (Recessed mounted)** format for install your press splitter on surface or recessed mounted.

This Pinanson splitter has a good frequency response (deviation in 20Hz-20KHz of ± 0.1 dB) and a low distortion (THD + N $\leq 0.01\%$).

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Applications

For **Press Room** when splitting 1 LINE Audio input signal into 24 insulated identical outputs (with level control and monitoring) and 1 link output, is needed.

Tech Specifications

Max. Input Level	30 Hz, 1% THD+N	+ 19 dBu
	1KHz, 1% THD+N	+20 dBu
Input Impedance (Balanced, +4 dBu, 1 KHz)	44 k Ω	
Output Impedance (Balanced, +4 dBu, 1 KHz)	600 Ω	
Gain (Balanced Input/Output)	- ∞ a +6dB 0.5 dB steps	
THD + N (G _{MAX} , 1KHz)	$\leq 0.04\%$	
IMD (G _{MAX} , 60 Hz y 7KHz)	$\leq 0.01\%$	
Frequency Response (+4 dBu, 20 Hz – 20 KHz)	± 0.1 dB	
SNR (+ 4 dBu, 1KHz, BW 20 KHz)	95 dB	
CMRR (+ 4 dBu, 1KHz)	>60 dB	
Power	Input Voltage	200-240 V _{AC} (*)
	Input Frequency	50-60 Hz
	Current (230 V)	100 mA

(*) Consult with Tech Support to work with lower voltages.

Tech Data

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24 CHANNELS

SEVERAL FORMATS

Physical Characteristics

Material

(Flight Case, AR and WR format)

- Extruded aluminium panels.
- Flight case made of plywood, PVC, and foam inner.
- Wall rack box made of steel.
- Finish: electrostatic powder painting and direct print

Working Temperature

0-45°C

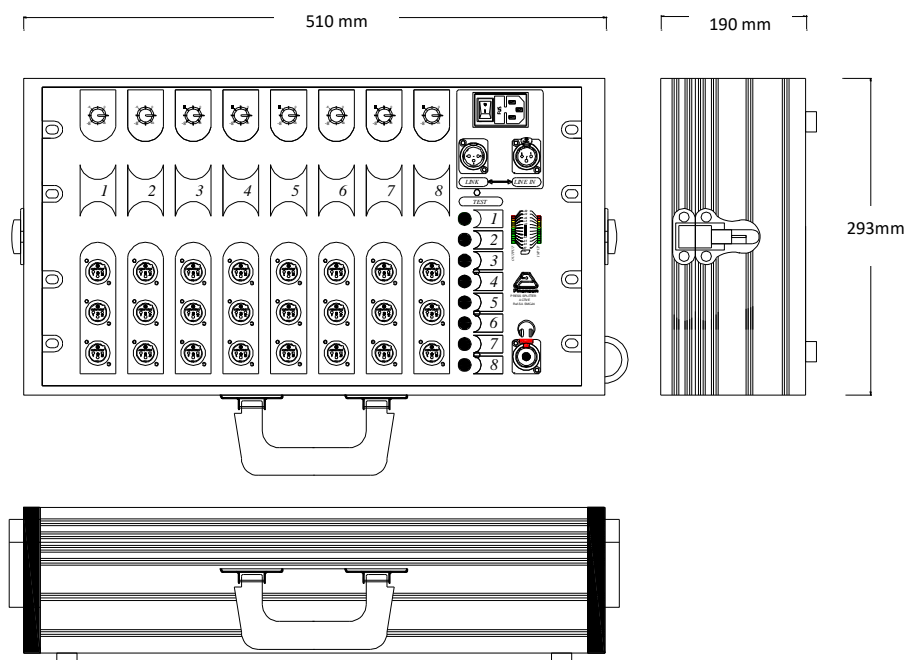
Flight Case format

Approx. Weight

9.5 Kg

Dimensions

510 x 190 x 293 mm



Tech Data

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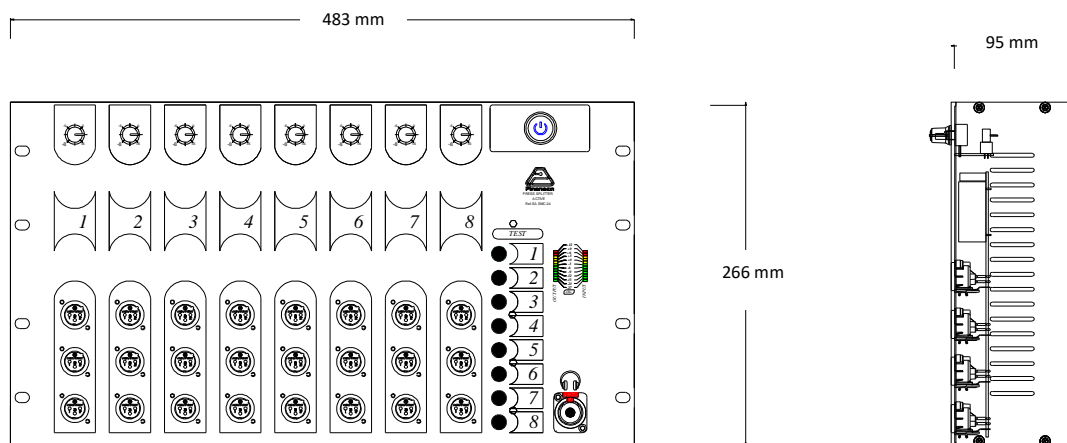
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SEVERAL FORMATS

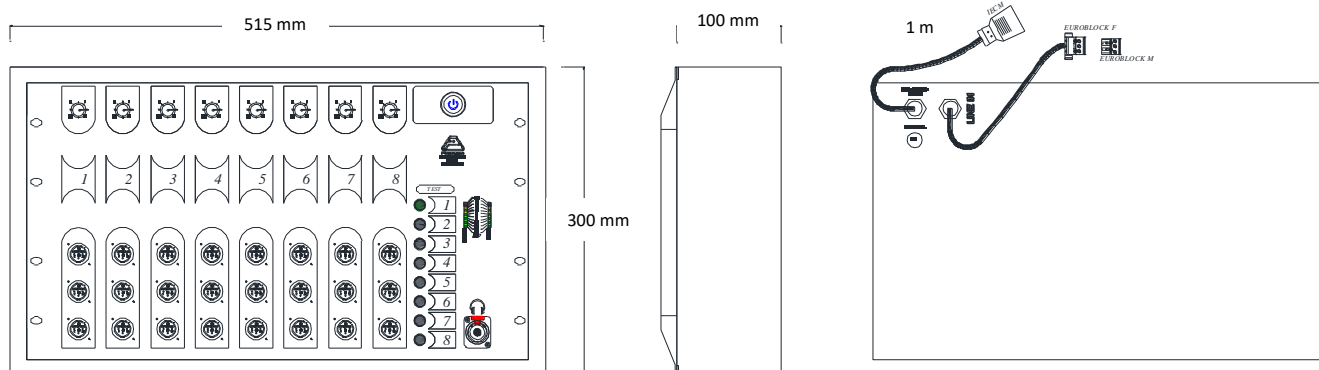
AR box format

Approx. Weight	5.10 Kg
Dimensions	483 x 95 x 266 mm



Wall Rack format

Approx. Weight	9.10 Kg
Dimensions	515 x 115 x 300 mm



Tech Data

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SMC

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SEVERAL FORMATS

RAEE



Once this device has reached the end of its useful life, it must be deposited in an electrical waste collection point.

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.

