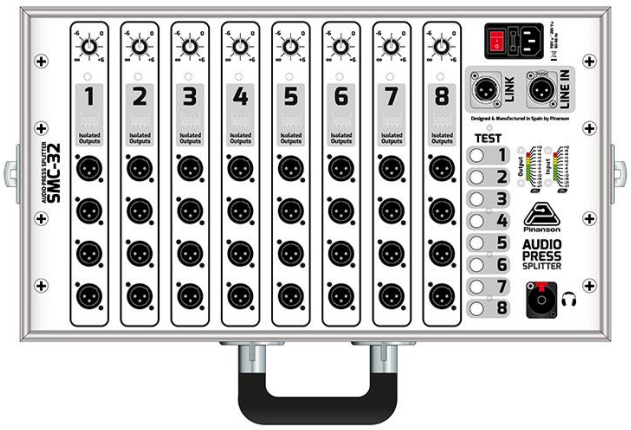
Tech Data

PRESS SPLITTERS
SMC
32 CHANNELS
SEVERAL FORMATS



Drawing: Flight Case format.

Description

- **1 XLR-F** balanced by transformer **input.**
- **1 XLR-M** balanced **output** for Link.
- **32 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 32 Active Press Splitter** is made up of 1 line level input + 1 line level link output and 32-line level outputs with an output gain potentiometer and monitoring components (visual and by headphones) in groups of 4.
Splitting 1 line signal into 32 insulated (by transformer) line level outputs is possible with the **SMC 32 active splitter**. These 32 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 ≤ 0.01%).

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Applications

For **Press Room** when splitting 1 line Audio **input signal into 32 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 kΩ	
Output Impedance *(Balanced, +4 dBu,1 KHz)*	600 Ω	
Gain *(Balanced Input/Output)*	- ∞ a +6dB 0.5 dB steps	
THD + N *($G_{MÁX.}$, 1KHz)*	≤ 0.04%	
IMD *($G_{MÁX.}$ 60 Hz y 7KHz)*	≤ 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.

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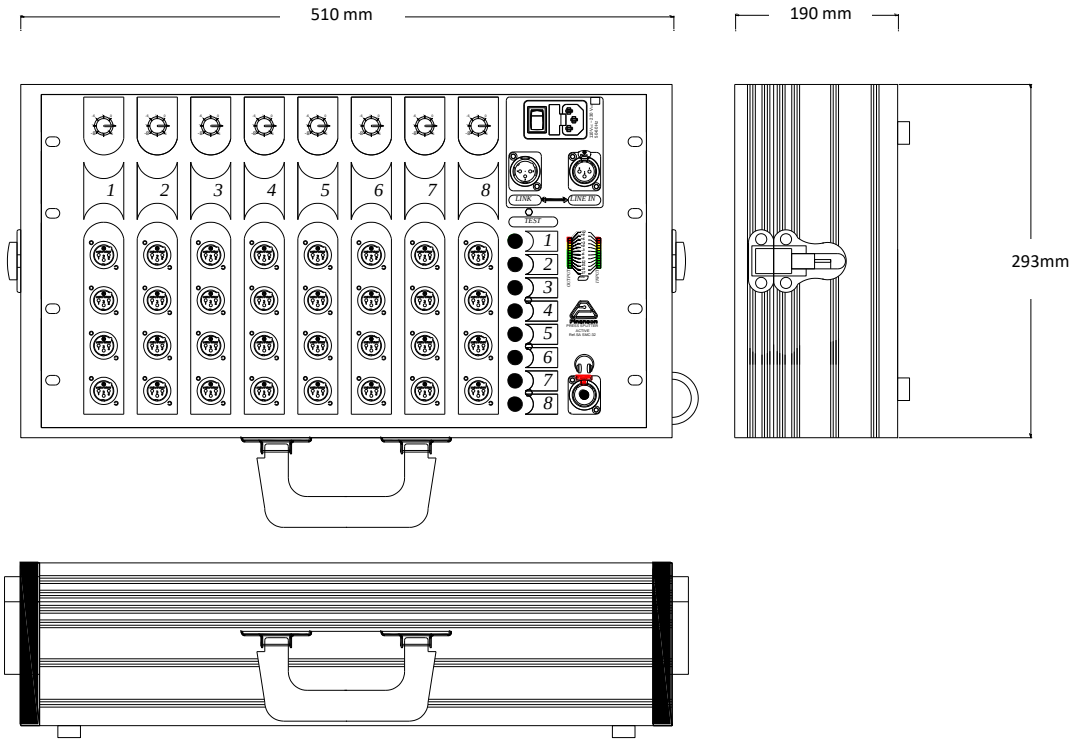
Physical Characteristics

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	9.8 Kg
Dimensions	510 x 190 x 293 mm



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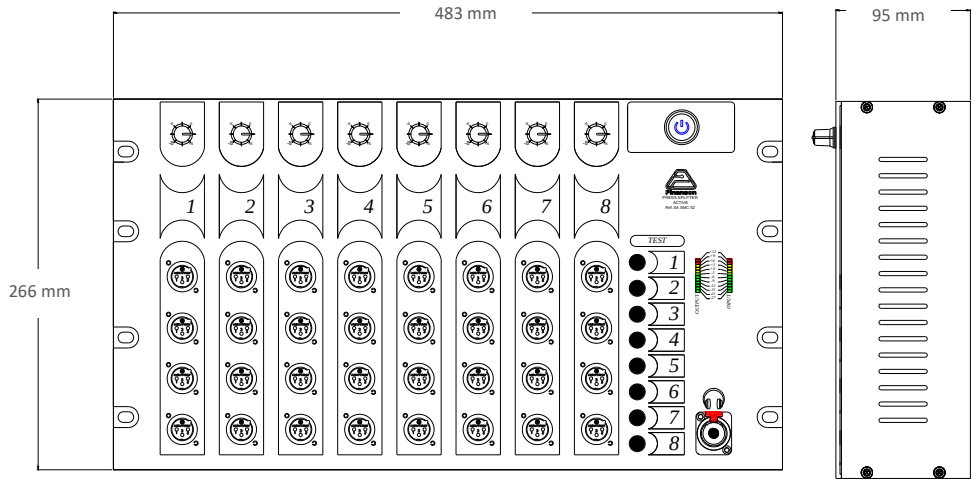
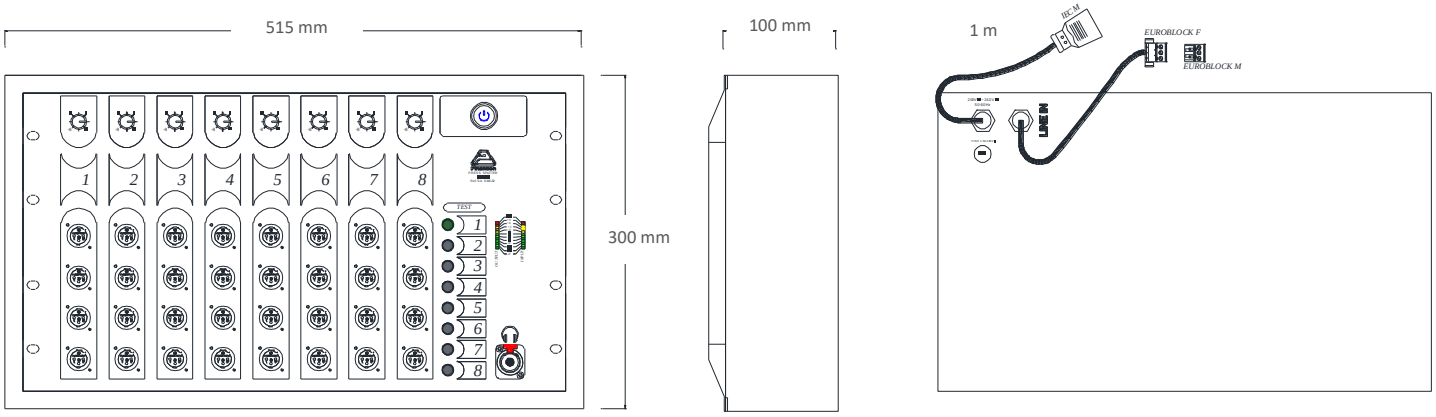
AR box format	
Approx. Weight	5.4 Kg
Dimensions	483 x 95 x 266 mm



Wall Rack format	
Approx. Weight	9.5 Kg
Dimensions	515 x 115 x 300 mm



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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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