Tech Data

PRESS SPLITTERS
SMC
16 CHANNELS
SEVERAL FORMATS

Drawing: Flight Case format.

Description

- **1 XLR-F** balanced by transformer **input.**
- **1 XLR-M** balanced **output** for Link.
- **16 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 16 Active Press Splitter** is made up of 1 line level input + 1 line level link output and 16-line level outputs with an output gain potentiometer and monitoring components (visual and by headphones).
Splitting 1 line signal into 16 insulated (by transformer) line level outputs is possible with the SMC 16 active splitter. These 16 signals will be available for the press with the possibility of modifying output level and check the input/output ratio. You can hear 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%).

Tech Data

PRESS SPLITTERS
SMC
16 CHANNELS
SEVERAL FORMATS

Applications

For **Press Room** when splitting 1 LINE Audio input signal into 16 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)*	≤ 0.03%	
IMD *($G_{MÁX.}$ 60 Hz y 7KHz)*	≤ 0.03%	
Frequency Response *(+4 dBu, 20 Hz – 20 KHz)*	± 0.3 dB	
SNR *(+ 4 dBu, 1KHz, BW 20 KHz)*	97 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

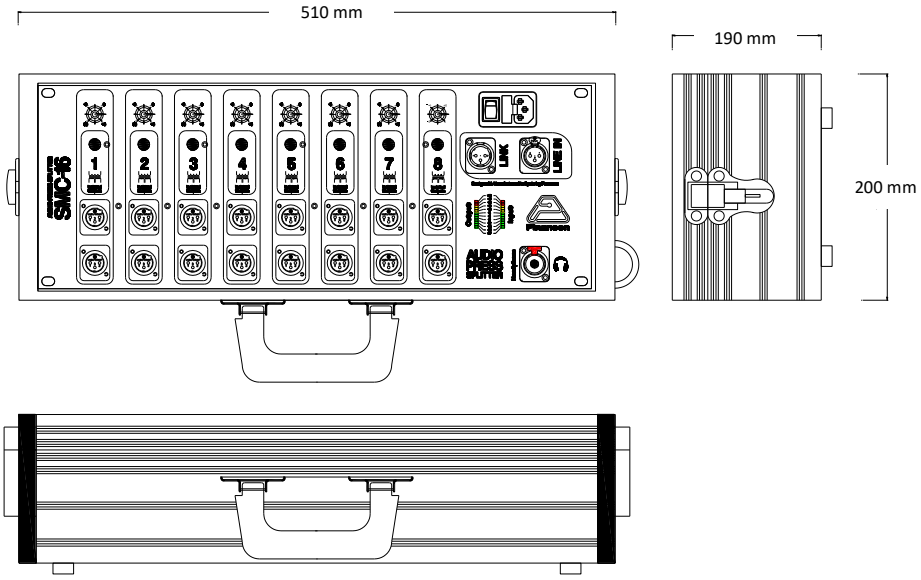
PRESS SPLITTERS
SMC
16 CHANNELS
SEVERAL FORMATS

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

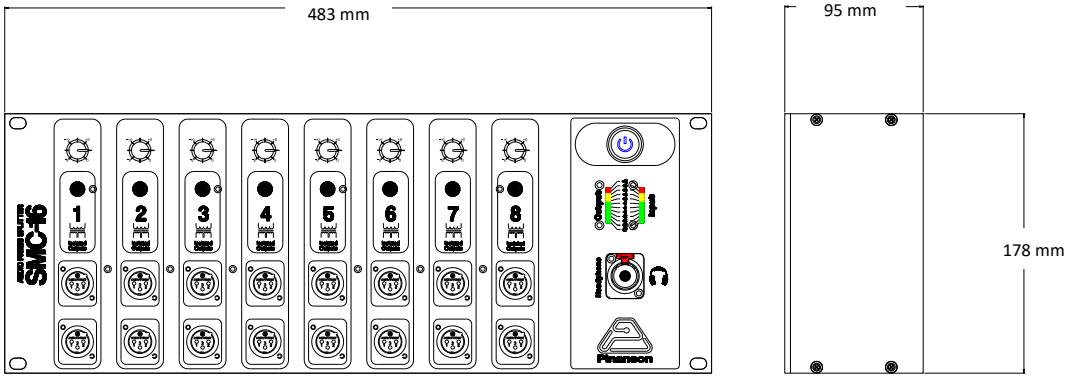
Approx. Weight	8.150 Kg
Dimensions	510 x 190 x 200 mm



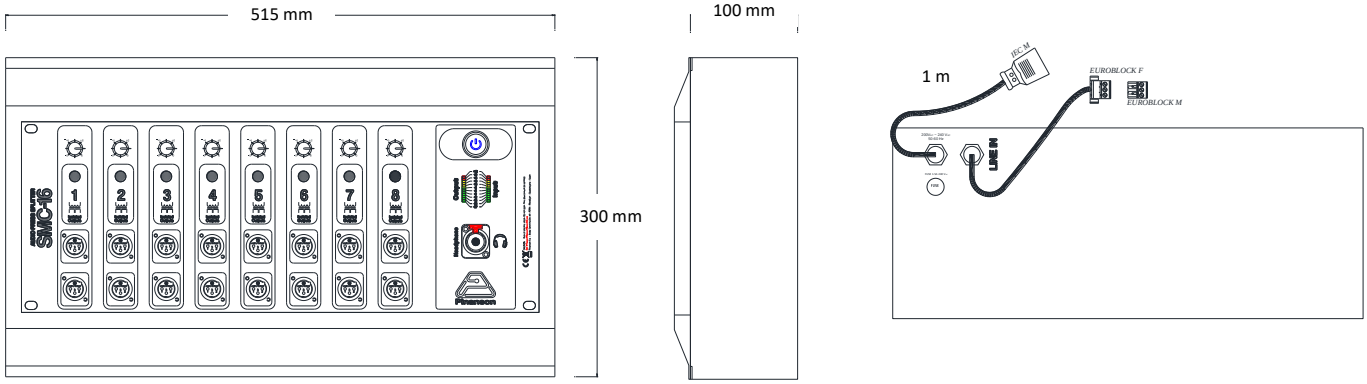
Tech Data

PRESS SPLITTERS
SMC
16 CHANNELS
SEVERAL FORMATS

AR box format	
Approx. Weight	6.150 Kg
Dimensions	483 x 95 x 178 mm



Wall Rack format	
Approx. Weight	11.3 Kg
Dimensions	515 x 100 x 300 mm



Tech Data

PRESS SPLITTERS
SMC
16 CHANNELS
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.***

Web: www.pinanson.eu
@: pinanson@pinanson.eu

PINANSON S.L
Avda. Constitución, 40. Mondéjar (Guadalajara). ESPAÑA.
Teléfono: +34 949 385 444 · Fax: +34 949 385 643

Review: January 2021