

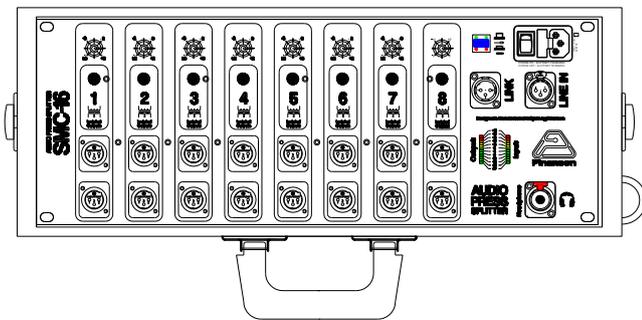
## Tech Data

## PRESS SPLITTERS

SMC BATTERY

16 CHANNELS

FLIGHT CASE FORMAT



## Description

- 1 XLR-F Mono-Balanced **Input**.
- 1 XLR-M Mono-Balanced **Output** for Link.
- 16 XLR-M Mono-Balanced and insulated (by transformer) **Outputs**.
- Gain potentiometer -  $\infty$  to +6 dB.
- Headphones and visual monitoring.
- Inner battery with 6 hours approx. of autonomy.
- Intuitive and straightforward use.
- Reliable response.

## Tech Data

## PRESS SPLITTERS

SMC BATTERY

16 CHANNELS

FLIGHT CASE FORMAT

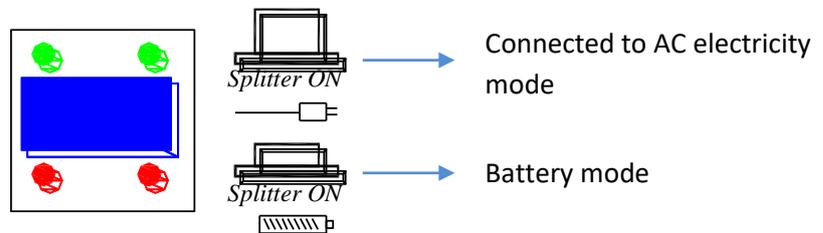
### Description

The **Active Press Splitter SMC 16 & Battery** 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 modify output level and check the input/output ratio. You can hear the signal of each channel by headphones.

This **Pinanson splitter** has a highly good frequency response (deviation in 20Hz-20KHz of  $\pm 0.3$  dB) and a really low distortion (THD + N  $\leq 0.03\%$ ).

Also this **SMC 16 & Battery** version allows you using it connected to the AC electricity or using it unplugged keeping its optimal working during 6 hours approx. thanks to its ION-LI battery.



### Applications

For **Press Rooms** when splitting 1 LINE Audio input signal into 16 insulated identical outputs (with level control and monitoring) and 1 link output, is needed. Also, you can have the option of use the splitter in an unplugged way during 6 hours.

## Tech Data

## PRESS SPLITTERS

SMC BATTERY

16 CHANNELS

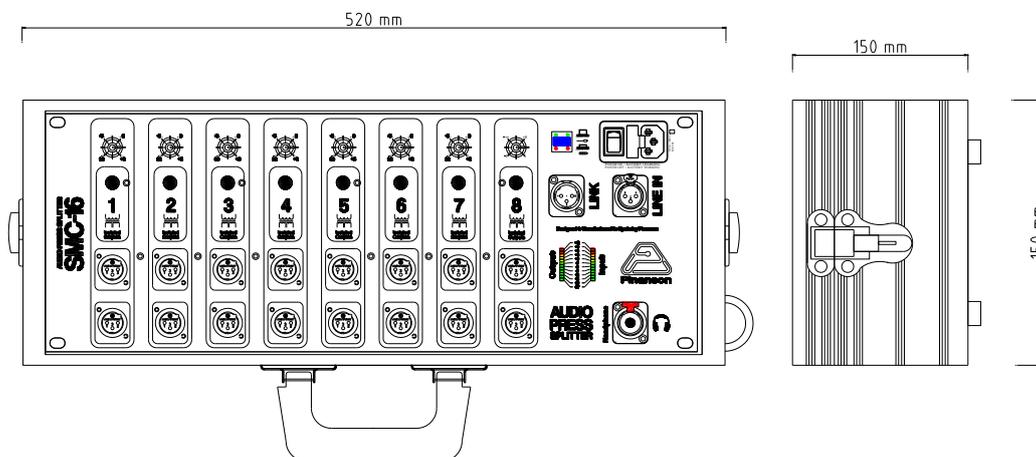
FLIGHT CASE FORMAT

### Tech Specifications

<b>Max. Input Level</b>	30 Hz, 1% THD+N	+ 19 dBu
	1KHz, 1% THD+N	+20 dBu
<b>Input Impedance</b> <i>(Balanced, +4 dBu, 1 KHz)</i>	44 k $\Omega$	
<b>Output Impedance</b> <i>(Balanced, +4 dBu, 1 KHz)</i>	600 $\Omega$	
<b>Gain</b> <i>(Balanced Input/Output)</i>	- $\infty$ a +6dB 0.5 dB steps	
<b>THD + N</b> <i>(G<sub>MAX.</sub>, 1KHz)</i>	≤ 0.03%	
<b>IMD</b> <i>(G<sub>MAX.</sub>, 60 Hz y 7KHz)</i>	≤ 0.03%	
<b>Frequency Response</b> <i>(+4 dBu, 20 Hz – 20 KHz)</i>	± 0.3 dB	
<b>SNR</b> <i>(+ 4 dBu, 1KHz, BW 20 KHz)</i>	97 dB	
<b>CMRR</b> <i>(+ 4 dBu, 1KHz)</i>	>60 dB	
<b>AC Power</b>	85 – 270 VAC 47 Hz – 63 Hz IEC 3 pins connector.	

### Physical Characteristics

- Extruded aluminium panel
- Finishing: direct print



## Tech Data

## PRESS SPLITTERS

SMC BATTERY

16 CHANNELS

FLIGHT CASE FORMAT

## Measurements



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



Web: [www.pinanson.com](http://www.pinanson.com)  
@: [pinanson@pinanson.com](mailto:pinanson@pinanson.com)

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

**Review: October 2017**

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.