

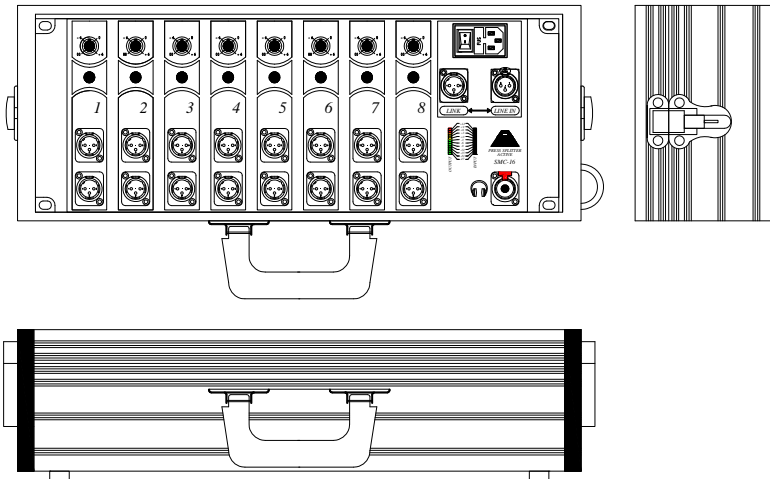
Tech Data

REF.: SA SMC I: 1H/1M O: 16

AUDIO PRESS SPLITTERS

ACTIVE SPLITTER

SMC 16



Drawing: 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 - ∞ 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).

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

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.

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Tech Specifications

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

Tech Data

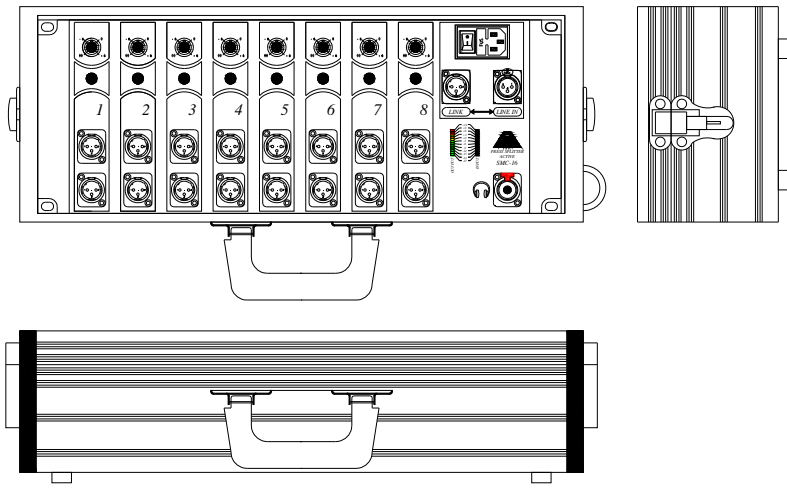
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Physical Characteristics

Flight Case format

Briefcase	AR Box
<ul style="list-style-type: none"> Material: Wood and PVC (Polyvinyl chloride). Frame: Al (aluminium). Ironworks: Zinc material. 	<p>Same materials of <i>AR Box format</i> (see below <i>AR Box format</i>).</p>



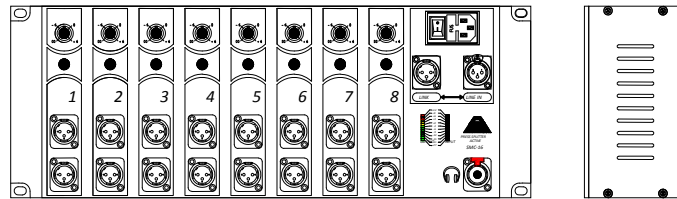
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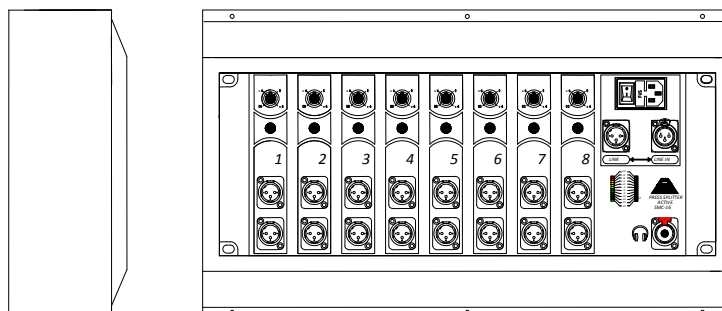
AR box format

Panel	Union plates
<ul style="list-style-type: none"> ▪ Extruded Aluminium. ▪ 6063 Alloy. ▪ T5 Treatment. ▪ Finish: <ul style="list-style-type: none"> ○ Electrostatic coating powder 100 – 150 µ. ○ Colour: textured matte black. 	<ul style="list-style-type: none"> ▪ Steel ▪ Finish: <ul style="list-style-type: none"> ○ Electrostatic coating powder 100 – 150 µ. ○ Colour: textured matte black. ▪ Serigraphy: screen-printed PVC 300µ.



Wall Rack format

Box	Panels
<ul style="list-style-type: none"> ▪ Steel sheet 1.5 mm. ▪ Finish: <ul style="list-style-type: none"> ○ Textured matte black colour: electrostatic powder covering 100 – 150 µ. ○ Grey colour RAL 7035: electrostatic powder covering 60 µ. 	<ul style="list-style-type: none"> ▪ Extruded aluminium. ▪ 6063 Alloy. ▪ T5 Treatment. ▪ Finish: <ul style="list-style-type: none"> ○ Electrostatic coating powder 100 – 150 µ. ○ Colour: textured matte black. ▪ Serigraphy: screen-printed PVC 300 µ.



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Components

Audio	Power
1 Neutrik XLR-3 F connector: Pin 3 (-), Pin 2 (+) y Pin 1 (Ground). 1 Neutrik XLR-3-M connector: Pin 3 (-), Pin 2 (+) y Pin 1 (Ground). 16 Neutrik XLR-3-M connectors: Pin 3 (-), Pin 2 (+) y Pin 1 (Ground). 1 TRS Jack for headphones: 'T' Tip (+), 'R' Ring (-) y Sleeve (Ground).	1 IEC AC input connector of 3 pins with voltage switch and fusible.
Monitoring	Potentiometer
8 monitoring buttons (one per group of 2). LEDs showing Input/output ratio.	8 output potentiometers (one per group of 2).

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Measurements

All tests are performed with calibrated tools according to
ISO 9001 (ISO 9001:2000/ISO 14001)
Audio measurements are done with **Audio Precision APx515 analyser**.

ALL PINANSON SPLITTERS IN OUR WEB SITE:

<http://www.pinanson.com/catalogue/es/179-splitters-de-prensa>

CONSULT OUR GLOSSARY:

<http://www.pinanson.com/glosario/>



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Review: May 2013

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.

