

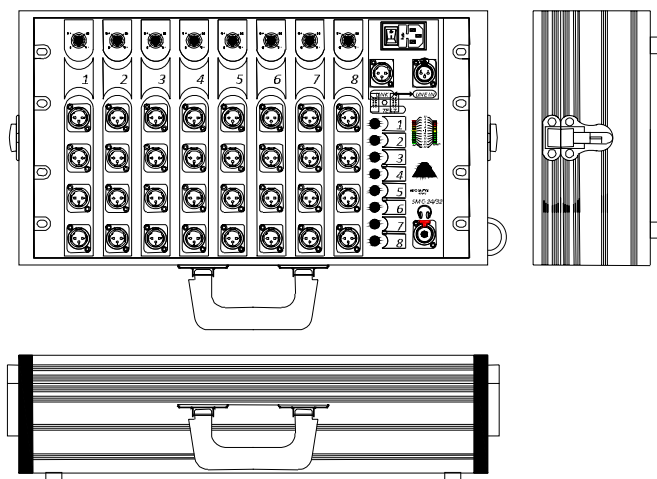
Tech Data

REF.: SA SMC I: 1H/1M O: 32

AUDIO PRESS SPLITTERS

ACTIVE SPLITTER

SMC 32



Drawing: Flight Case format.

Description

- **1 XLR-F Mono-Balanced Input.**
- **1 XLR-M Mono-Balanced Output** for Link.
- **32 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 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).

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 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 $\leq 0.04\%$).

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.

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Tech Specifications

Max. Input Level	50 Hz, 0.4% THD+N	+ 2 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 (+4 dBu, 1KHz)	$\leq 0.01\%$	
IMD (+4 dBu, 60 Hz y 7KHz)	$\leq 0.04\%$	
Frequency Response (+4 dBu, 20 Hz – 20 KHz)	± 0.3 dB	
SNR (+ 4 dBu, 1KHz, BW 20 KHz)	96 dB	
CMRR (+ 4 dBu, 1KHz)	>60 dB	
AC Power	85 – 270 VAC	
	47 Hz – 63 Hz	
	IEC 3 pins connector.	

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Physical Characteristics

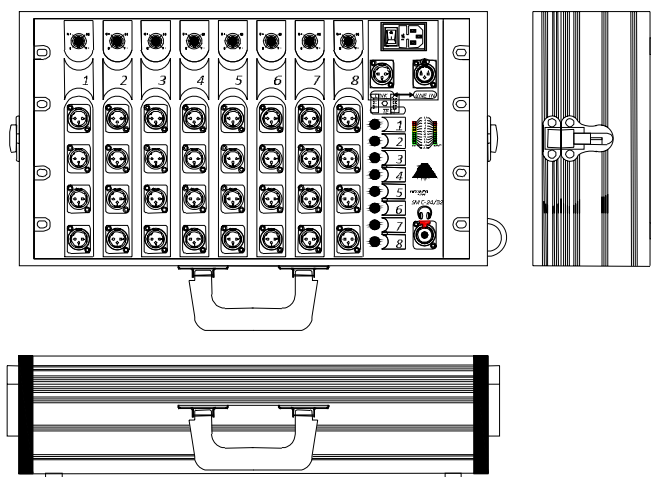
Flight Case format

Briefcase

AR Box

- Material: Wood and PVC (Polyvinyl chloride).
- Frame: Al (aluminium).
- Ironworks: Zinc material.

Same materials of *AR Box format* (see below *AR Box format*).



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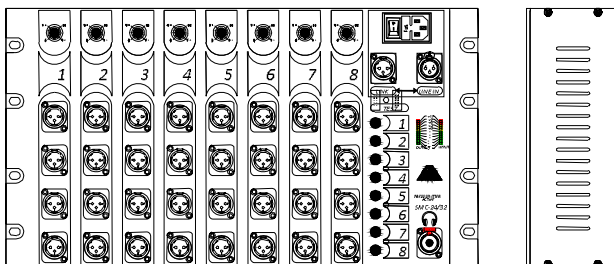
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AR box format

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.



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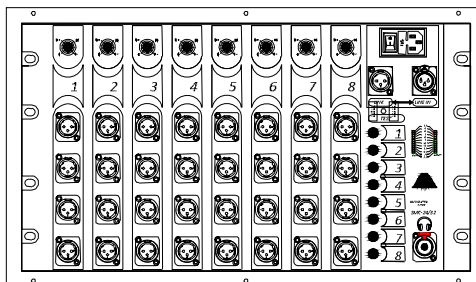
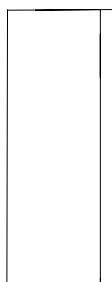
AUDIO PRESS SPLITTERS

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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.



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). 32 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 4). LEDs showing Input/Output ratio.	8 output potentiometers (one per group of 4).