

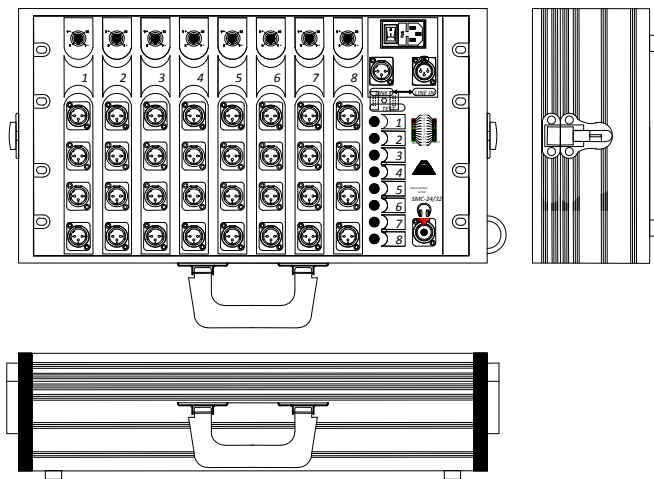
Tech Data

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).

Tech Data

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

AUDIO PRESS SPLITTERS

ACTIVE SPLITTER

SMC 32

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.

Tech Data

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

AUDIO PRESS SPLITTERS
ACTIVE SPLITTER
SMC 32

Tech Specifications

| | | |
|--|----------------------------|---------|
| Max. Input Level | 50 Hz, 0.4% THD+N | + 2 dBu |
| | 1KHz, 1% THD+N | +20 dBu |
| Input Impedance <i>(Balanced, +4 dBu, 1 KHz)</i> | 44 kΩ | |
| 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>(+4 dBu, 1KHz)</i> | ≤ 0.01% | |
| IMD <i>(+4 dBu, 60 Hz y 7KHz)</i> | ≤ 0.04% | |
| Frequency Response <i>(+4 dBu, 20 Hz – 20 KHz)</i> | ± 0.3 dB | |
| SNR <i>(+ 4 dBu, 1KHz, BW 20 KHz)</i> | 96 dB | |
| CMRR <i>(+ 4 dBu, 1KHz)</i> | >60 dB | |
| AC Power | 85 – 270 VAC | |
| | 47 Hz – 63 Hz | |
| | IEC 3 pins connector. | |

Tech Data

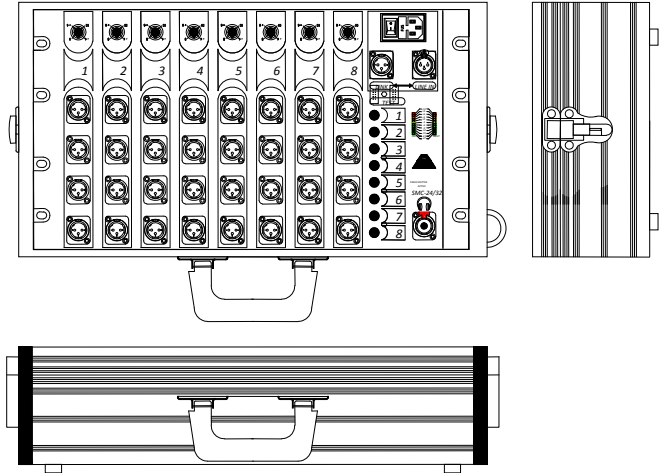
REF.: SA SMC I: 1H/1M O: 32

AUDIO PRESS SPLITTERS
 ACTIVE SPLITTER
 SMC 32

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> |



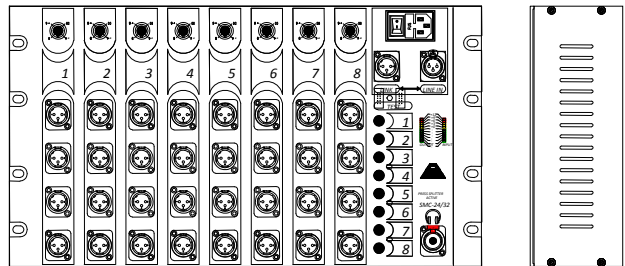
Tech Data

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

AUDIO PRESS SPLITTERS
 ACTIVE SPLITTER
 SMC 32

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. |



Tech Data

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

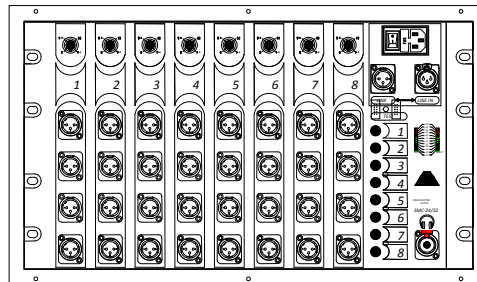
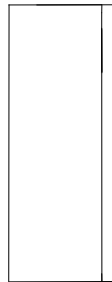
AUDIO PRESS SPLITTERS

ACTIVE SPLITTER

SMC 32

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). |

Tech Data

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

AUDIO PRESS SPLITTERS

ACTIVE SPLITTER

SMC 32

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/>



Web: www.pinanson.com
@: pinanson@pinanson.com

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

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.

