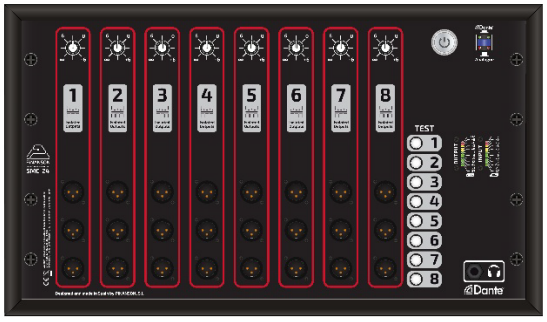
Tech Data

PRESS SPLITTER
SMC 24 DANTE
SEVERAL FORMATS



Description

The **SMC 24 Dante Press Splitter** of Pinanson offers to the user**:**

- **1 RJ45** Dante networked audio **input.**
- **1 XLR-F** balanced by transformer **input.**
- **24 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).

Tech Data

PRESS SPLITTER
SMC 24 DANTE
SEVERAL FORMATS

Description

The **SMC 24 DANTE** is designed to operate on a Dante digital audio network, as well as with **analogue audio.**
The equipment supports two types of inputs, selectable on the equipment:

- **Balanced analog line-level input** by XLR-H-3.
- **Dante network input** by RJ-45.

It converts the signal to analogue (if the selected input is Dante type) and distributes it in:

- **16 balanced line-level outputs**

- The **SMC 24 DANTE** for press consists of 1 line-level input + 1 Link output and 24 line-level outputs with output gain and monitoring (visual and headphones) in groups of 3.
- It is a device that makes it possible **to distribute an analogue or digital line signal on a Dante network, in up to 24 transformer-isolated outputs and the possibility of amplification of up to +6 dB, available for press equipment.**
- For operation with **Dante signal input, PoE 802.3af power is required**.
- This splitter is prepared to operate with **line signal.**
- The **flight case format** is a portable format for transporting using a handle.
- The **AR format** allows installation in a 19" rack cabinet.
- The **WR format** is designed for wall-hung installation.
- It has a **good frequency response** (deviation of 0.8 dB 20Hz-20KHz) and a very high CMRR (>100dB).

Applications

Installations with **Press Rooms** that need to distribute a **digital signal on a Dante network** or analogue signal on **24 line-level audio outputs** with gain **control per group**.
To distribute these signals to the press, **avoiding problems between the different devices** that will be connected to these outputs.

Tech Data

PRESS SPLITTER
SMC 24 DANTE
SEVERAL FORMATS

Tech Specifications

Dante Input		
Sample Rate	44.1 KHz, 48 KHz (default) y 96 KHz	
Bit depth	24 bits	
Network speed	100 Mbps	
Power	PoE (Power over Ethernet) Class 1 802.3af POE PD compliant	
Analogue Input		
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 kΩ	
Output Impedance *(Balanced, +4 dBu,1 KHz)*	600 Ω	
Gain *(Balanced Input/Output)*	- ∞ a +6dB 0.5 dB steps	
THD + N *(+4 dBu, 1KHz)*	≤ 0.03%	
IMD *(+4 dBu, 60 Hz y 7KHz)*	≤ 0.05%	
Frequency Response *(+4 dBu, 20 Hz – 20 KHz)*	± 0.05 dB	
SNR *(+ 4 dBu, 1KHz, BW 20 KHz)*	96 dB	
CMRR *(+ 4 dBu, 1KHz)*	>90 dB	
Power	**Input Voltage**	200-240 V_{AC}(*)
	Input Frequency	50-60 Hz
	Current (230 V)	100 mA

(*) For use below that voltage consult technical support

Tech Data

PRESS SPLITTER
SMC 24 DANTE
SEVERAL FORMATS

Physical Characteristics

Working Temperature	0-45°C
Finish	Electrostatic powder painting and direct print

Formats

Flight Case
Portable briefcase with lid

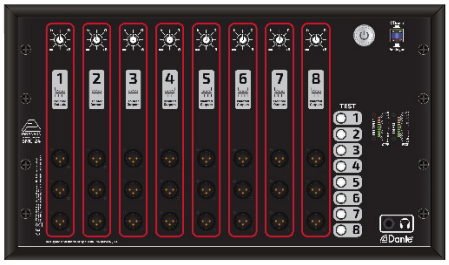
- Lid, metal clasps and harrd plastic handle
- Reinforced corners
- Base with non-slip rubber feet

Dimensions: 540 x 220 x 293 mm
Weight: 9.5 Kg

Wall Rack
Wall hanging box

- Extruded aluminium panels
- Wall rack box made of 1.5 mm steel sheet

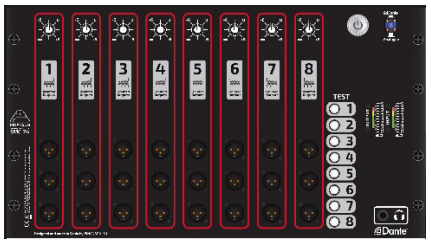
Dimensions: 515 x 300 x 100 mm
Weight: 9.10 Kg



Caja AR
Box for installation in 19" rack

- Extruded aluminium panels

Dimensions: 483 x 266 x 95 mm
Weight: 5.10 Kg



Tech Data

PRESS SPLITTER
SMC 24 DANTE
SEVERAL FORMATS

Environment

Once this device has reached the end of its useful life, it must be deposited in an electrical waste collection point.

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: March 2025