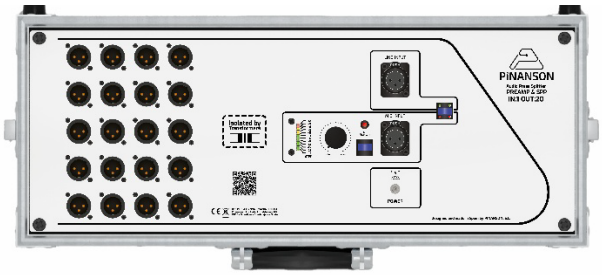
Tech Data

PRESS SPLITTERS
PREAMP & SPP20
FLIGHT CASE FORMAT



Description

- **1** XLR-F **MIC input**
- **1** XLR-F **LINE input**
- **20 transformer-isolated** XLR-M **outputs**.
- **Microphone preamplification with up to +60 dB** gain
- +48 V **Phantom Power**
- **Phantom power button**
- **MIC/LINE** signal **switch**
- **LED indicators** for splitter **input level**
- **Portable** flight case format

Description

- This unit offers a **microphone input** (with preamplification and phantom power) as well as a **line input** for passive distribution to **up to 20 outputs.**
- Selectable **+48 V phantom power** with LED indicator when active. Microphone preamplification with up to **+60 dB de gain**.
- **LED indicators** show the **input level (in dBu)** of the splitter.
- The **splitter** passively **distributes 1 input (mic or line) to 20 outputs** (transformer-isolated), making them **available for press equipment.**
  (**NOTE**: **line signal distribution** does **not require** a power connection)
- **This unit** is designed to operate with **both line and microphone signals.**
  A power connection is required for microphone signal distribution, while line signal distribution does not.
- The unit comes in a flight case with a lid and handle for easy transport.
  Con el formato maletín el equipo queda **protegido mediante una caja flight case con tapa y asa** para portarlo.

Applications

For press rooms where it is necessary to distribute **1 microphone or line signal to up to 20 line outputs** for the press media.

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Tech Specifications

MICROPHONE INPUT (-57 dBu)

INPUT Impedance *(Balanced)*	150 Ω to 600 Ω	
Gain	-16 to +65 dB	
THD + N *(-57 dBu, 1 KHz)*	0.3 %	
Respuesta en Frecuencia *(-57 dBu, 100 Hz – 20 KHz)*	± 0.7 dB	
SNR *(-57 dBu, 1 KHz, BW 20 KHz)*	60 dB	
CMRR *(-57dBu, 1KHz)*	75 dB	
Phantom *(IEC 61938:2013)*	P48, 48 V_{DC}	
Headroom	> 20 dB	

LINE INPUT/OUTPUT (+4dBu)

Max. Input Level	50 Hz, THD+N = 0.4%	+ 8 dBu
	1 KHz, THD+N = 1%	+26 dBu
Source impedance *(Balanced)*	150Ω	
Load Impedance *(Balanced)*	>1KΩ	
Insertion Loss *(Balanced Input/Outputs)*	With 20 loaded outputs: **Total insertion loss** -1.8 dB **(see NOTE)**	
THD + N *(4dBu, 1KHz)*	≤ 0.14%	
IMD *(+4dBu, 60 Hz y 7KHz)*	≤ 0.09%	
Frequency Response *(+4 dBu, 20 Hz – 20 KHz)*	**Deviation**	± 0.7 dB
SNR *(+ 4 dBu, 1KHz, BW 20 KHz)*	115 dB	
CMRR *(4dBu, 1KHz)*	90 dB	
POWER	24 V_{DC}, 0.4 $A_{MÁX}$	

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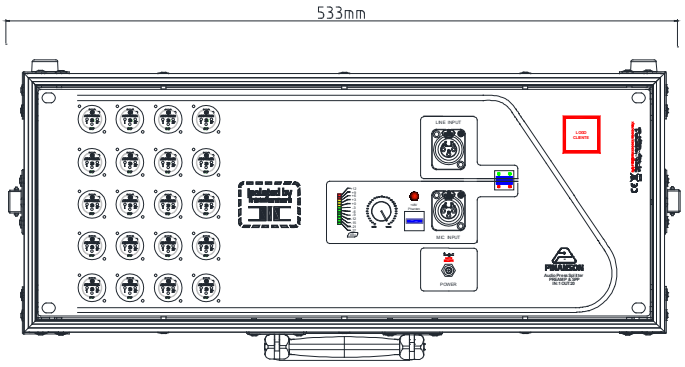
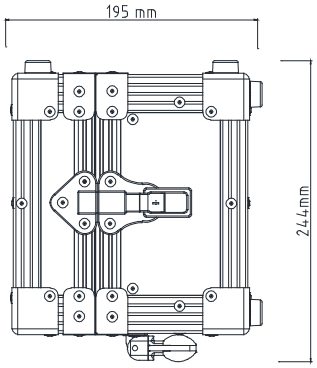
NOTE: this **audio signal distribution is done passively** so it is inevitable to increase the insertion loss as the loads on the splitter outputs increase.
As can be seen in the *Technical Specification* with the **20 outputs connected** there would be a total insertion loss of **-1.8 dB** if a **line input device of 10 KΩ** is connected.

Physical Characteristics

Material	• Flight case with lid, metal latches, and hard plastic handle. • Reinforced corners. • Base with non-slip rubber feet. • Direct print.
Approx. Weight	7.5 Kg
Working temperature	0-45 °C
Dimensions	533 x 195 x 244 mm





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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

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