Connectivity Solutions for:
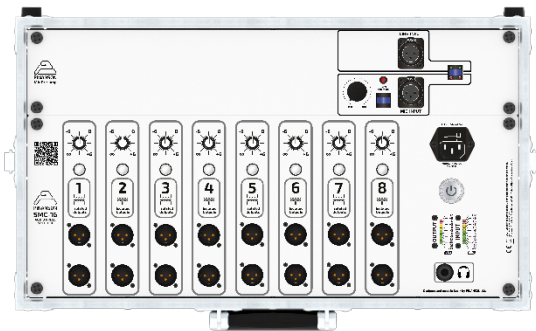Scenic Arts · Broadcast · Professional Sound · A/V

User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

Description

- **1** Balanced XLR-H **MICROPHONE** input.
- **1** Transformer-balanced XLR-F **LINE** input.
- **16** Transformer-isolated XLR-M **outputs.**
- **Microphone** signal **preamplification** with up to **+60 dB** gain
- **+48 V phantom power** (with ON/OFF switch)
- **LED indicators** for **input/output level** to the splitter
- **+6 dB** amplification in each output
- Portable flight case format

Description

- This equipment offers **1 microphone input** (with preamplification and phantom power), as well as **1 line input.**
- Active distribution in **16 outputs** (transformer isolated) with **gain adjustment** up to **+6 dB** in **groups of 2.**
- Selection of the input signal, **microphone or line**.
- **Selectable +48 V phantom power supply** with **LED indicator** when active.
- **Microphone** signal pre-amplification up to +60 dB of gain.
- **LED indicators** for the **output level** (in dBu) of the microphone preamp and **input** to the **16-output SMC splitter.**
- **LED indicators** of the **output level** (in dBu) **available for press equipment.**
- With the **briefcase format**, the equipment is protected by a **flight case with a lid** and **handle** for carrying.

User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

Applications

For press rooms where it is necessary **to distribute a microphone signal** (dynamic or condenser) or **a line signal** from a mixing console to up **to 16 outputs** with gain control on the outputs.

Technical Specifications

MICROPHONE INPUT (-57 dBu)

INPUT Impedance *(Balanced)*	150 Ω a 600 Ω
Gain	–16 a +65 dB
THD + N *(-57 dBu, 1 KHz)*	0.3 %
Frequency Response *(-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

INPUT/OUTPUT LINE (+4 dBu)

Max. Input level	**30 Hz, THD+N = 1%**	+19 dBu
	1KHz, THD+N = 1%	+20 dBu
Source Impedance *(Balanced)*	44KΩ	
Load Impedance *(Balanced)*	300Ω	
Gain *(Input/Output Balanced)*	– ∞ a +6dB (pasos de 0.5 dB)	
THD + N *(+4 dBu, 1 KHz)*	≤ 0.002%	
IMD *(+4 dBu, 60 Hz y 7 KHz)*	≤ 0.003%	
Frequency Response *(+4 dBu, 100 Hz – 20 KHz)*	±0.3 dB	
SNR *(+ 4 dBu, 1 KHz, BW 20 KHz)*	98 dB	
CMRR *(+ 4 dBu, 60Hz-1KHz-3KHz)*	>100 dB	

User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

Power	Input Voltage	200-240 V_{AC}(*)
	Input Frequency	50-60 Hz
	Consumption (230 V)	125 mA
Fusible	5 mm x 20 mm, 1.5 A, 250 V	

(*) For use below that voltage, consult technical support.

Physical Characteristics

Material	• Case made of plywood, PVC, and foam interior. • Reinforced corners • Base with non-slip rubber feet • Direct-to-garment screen printing
Approx. weight	10.5 Kg
Operating temperature	0-45°C
Dimensions	533 x 195 x 330 mm
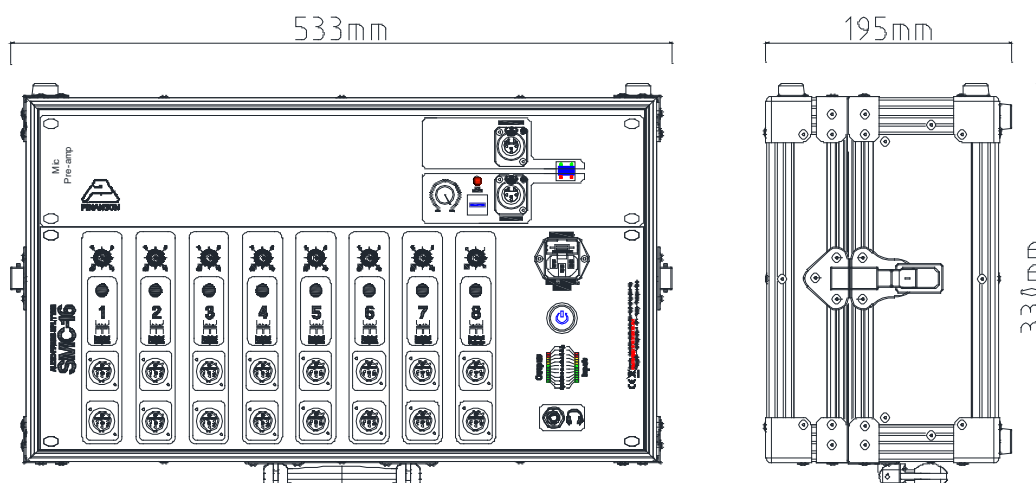
User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

ES - Una vez el equipo suministrado haya llegado al final de su vida útil, debe ser depositado en un punto de recogida de residuos eléctricos o electrónicos conforme a las disposiciones legales de su país.

EN - Once the supplied equipment has reached the end of its useful life, it must be deposited at an electrical or electronic waste collection point in accordance with the legal provisions of your country.

PT - Quando o equipamento fornecido atingir o fim da sua vida útil, deverá ser eliminado num ponto de recolha de resíduos elétricos ou eletrónicos, de acordo com as disposições legais do seu país.

FR - Une fois que le matériel fourni a atteint la fin de sa durée de vie utile, il doit être déposé dans un point de collecte des déchets électriques et électroniques conformément aux dispositions légales de votre pays.

NL - Zodra het geleverde apparaat het einde van zijn levensduur heeft bereikt, moet het worden ingeleverd bij een inzamelpunt voor elektrisch of elektronisch afval, overeenkomstig de wettelijke bepalingen in uw land.

DU - Når det leverede udstyr er udtjent, skal det afleveres på et indsamlingssted for elektrisk og elektronisk affald i overensstemmelse med dit lands lovbestemmelser.

User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

Environment

WEEE Management – Waste Electrical and Electronic Equipment

In the area of waste management, thousands of tons of environmentally harmful electronic components are generated each year and end up in landfills. To address this problem, the European Union has implemented the WEEE Directive, which governs the management of Waste Electrical and Electronic Equipment. This system is similar to the "Clean Point" system we have used for years.

As manufacturers, at Pinanson we are committed to proper waste management from the moment we launch our products onto the market. Our contribution translates into financial resources that will be allocated to the development of a common system for managing this waste, thus ensuring a cleaning and recycling program that is responsible to both the industry and the environment.

We are part of the IMPLICA SCRAP scheme, number **AEE684-RPP**, which manages waste in Spain. This means that all Pinanson products can be returned to collection points free of charge, and they will be properly recycled through this system. The WEEE Directive, like the RoHS regulations, represents an important step towards environmental protection, and at Pinanson we are happy to contribute to cleaning up our environment through this waste management system. We are always happy to answer any questions you may have and welcome your suggestions at: **pinanson@pinanson.eu**

Restriction of Hazardous Substances - RoHS

At our company, we are proud to state that all of our products comply with the European Union's RoHS (Restriction of Hazardous Substances) directive. This directive aims to limit the use of harmful substances in electrical and electronic equipment, such as lead, mercury, and cadmium, among others.

By adhering to this regulation, we not only guarantee the quality and safety of our products but also contribute to environmental protection and public health. Reducing these hazardous substances minimizes environmental impact and promotes a more sustainable environment.

Our commitment to the RoHS directive reflects our responsibility to our customers, the community, and the planet. We are constantly working to innovate and improve our processes, ensuring that every product that leaves our company meets the most demanding safety and sustainability standards.

User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

Packaging and container management

Pinanson, with registration number **ENV/2023/000013723**, complies with European industrial packaging regulations (EU Regulation 2025/40), allowing us to contribute to the environment through sustainable and responsible practices. By designing more recyclable packaging and reducing waste, we not only protect our ecosystems but also offer our customers the option of choosing products that support a greener future. Together, we are building a commitment to sustainability that benefits everyone.

ISO 14001

Purchasing Pinanson products, **certified under ISO 14001**, guarantees users a direct commitment to the environment, as our processes are sustainable and reduce ecological impact. Furthermore, they ensure quality and safety, complying with standards that protect both the user and the environment. By choosing us, customers support responsible and sustainable practices. In short, our products are a safe and planet-friendly choice.

User's manual

PRESS SPLITTERS
MIC/LINE & SMC16
FLIGHT CASE FORMAT

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: January 2026

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.