

Tech Data

DIGITAL AUDIO SPLITTERS

AES/EBU

SDA XLR AR I:1 O:8

AR FORMAT

Description

- **1 XLR-F** Balanced by transformer Input.
- **8 XLR-M** Balanced by transformer Outputs.
- **Isolated (by transformer)** Input and Outputs.
- For AES/EBU or AES3 digital audio distribution.
- Input **equalization** to compensate the cable length.
- LED monitoring.
- Intuitive and straightforward use.
- Several formats: MF Box (portable) and AR Box (rack mount) formats.



Description

The SDA XLR AR/MF I:1 O:8 offers distribution of **1 input into 8 outputs of digital audio in AES/EBU or AES3 format.**

- The device provides **signal equalization** so that allows compensating losses that may happen using long cable lengths. This equalization is activated or deactivated by an ON/OFF switch and its operation is indicated by LED indicator "EQ_ON".
- It has a **bypass relay** which drives the signal to the **output 1 although it is switched off.**
- **Isolated** (by transformers) input and outputs which provides a **high CMRR** (Common Mode Rejection Ratio).
- The device operation does not manipulate the audio data frame.
- The outputs **are copies** of the input signal.
- The **input signal presence** can see by LED named "SIGNAL"

Applications

AES/EBU signal distribution:

- **LIVE SOUND:** distribution of digital audio signal coming **from digital processors** to the signal amplification and sending to speakers.
- **STUDIO:** distribution of signal coming **from digital audio console** output to sending to different **digital signal recorders.**

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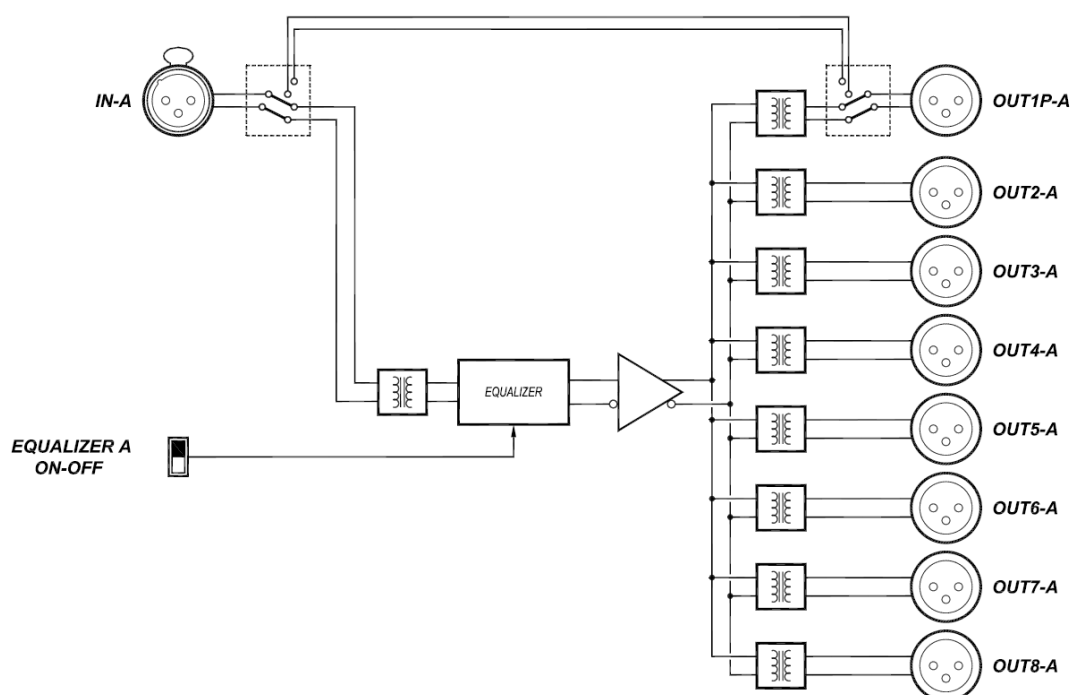
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Tech Specifications

Output Impedance	110 Ω ± 20 % Balanced					
Input Impedance	110 Ω ± 20 % Balanced					
Sample rates	32 KHz	44.1 KHz	48 KHz	64 KHz	88.2 KHz	96 KHz
Signal Level	2-7 V _{pp} (up to 10 V _{pp})					
Codification and Electrical Characteristics	According to EBU Tech 3250-E/AES3 standard					
General	AC Voltage 110-220 V	Max. Current (12 V, 8 loaded outputs) 300 mA See NOTE		Temperature 0-50 °C		

Operation Diagram



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Physical Characteristics

Material

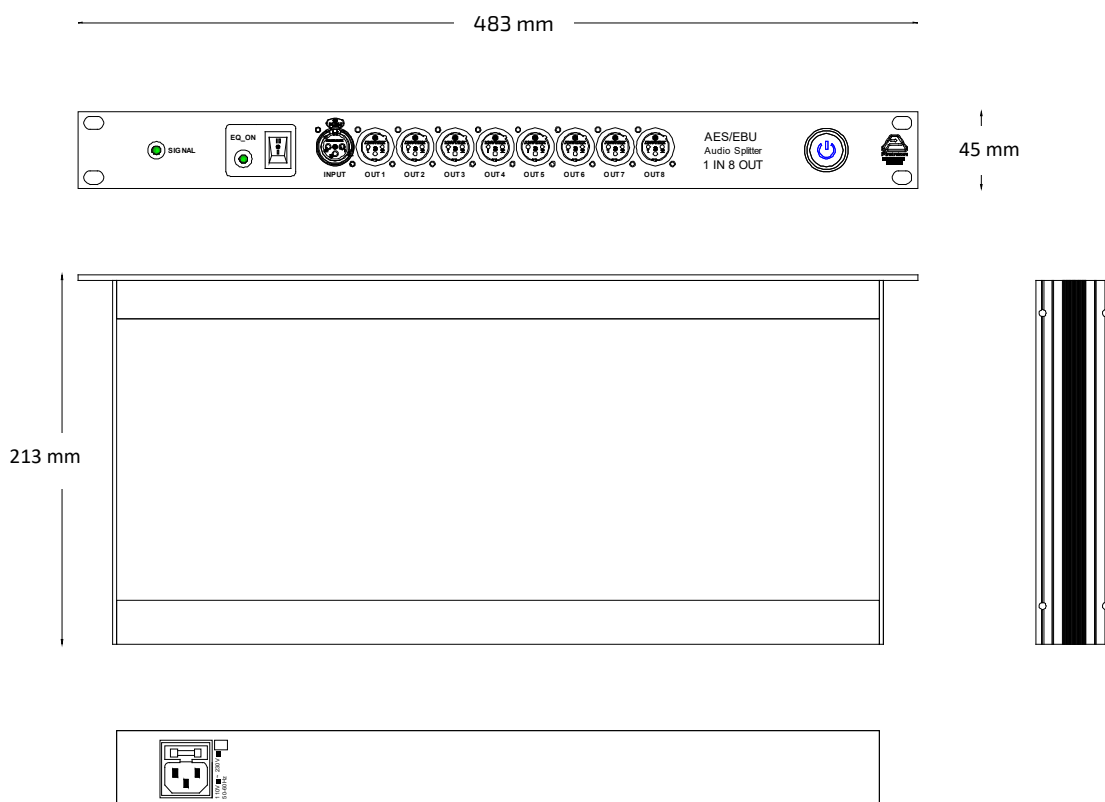
- Extruded aluminium panels.
- Finishing: electrostatic powder painting and direct printing.

Approx. Weight

3.5 Kg

Working temperature

0-45°C



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RAEE



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



www.pinanson.eu
pinanson@pinanson.eu

PINANSON S.L
Avda. Constitucion, 40. Mondejar (Guadalajara). SPAIN.
Phone: +34 949 385 444 · Fax: +34 949 385 643

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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.

