

# AUDIO DISTRIBUTORS

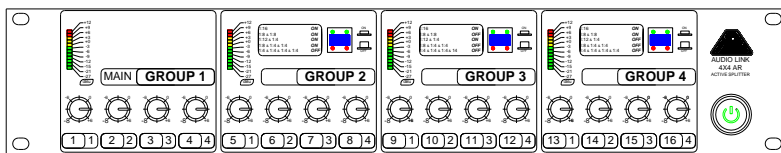
## ANALOGUE

### SPLITTER LINK 4X4

AR BOX FORMAT

### Description

The *Active Audio Link 4x4 Splitter* of Pinanson offers to user **4 splitters in 1** with the following configurations:



- Distribution of **1** line signal into **16** outputs.
- Distribution of **2** line signals into **8** outputs per signal.
- Distribution of **2** line signals into **12** outputs and **4** outputs.
- Distribution of **3** line signals into **8** outputs, **4** outputs and **4** outputs.
- Distribution of **4** line signals into **4** outputs per signal.

- Potentiometer per each output, within that range: **-∞ a +6 dB**.
- Buttons for input link and per group of 4 depending on configuration required.
- **Visual Monitoring** per input.
- By Transformer Insulated outputs (**optional**).
- **High Versatility** with up to **5** configuration options in the same device.
- It offers the **Great Flexibility** which you need in an audio installation.
- Intuitive and straightforward use.
- Reliable response.
- AR Box Format

## Tech Data

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The *Active Audio Link 4x4 Splitter of Pinanson* can work of **5 different ways**:

	Nº CHANNELS	Nº OUTPUTS per channel
OPTION 1	1	16
OPTION 2	2	8
OPTION 3	2	12
		4
OPTION 4	3	8
		4
		4
OPTION 5	4	4

Working with the *Active Audio Link 4x4 Splitter* is like doing it with **4 different splitters: 1→16, 1→12, 1→8, 1→4** which combined (depending on user's preferences) could cover a huge number of events no matter how different they are.

The configuration can be done in a very easy way pressing the *Link* button of each input.

This Splitter works at **line level** as inputs as outputs.

The user will have the outputs with the possibility to **modify the level with a potentiometer** per output and **check the output level** thanks to visual monitoring by *LEDS*.

This is an **AR Box model** for installation in 19" Rack. You can have Fly Case format (if you want to move your splitter to any event in a comfortable and safe way) and Wall Rack format (for surface or recessed mounted) <sup>(Note 1)</sup>.

The *Audio Link 4x4 Splitter* of Pinanson has a highly good Frequency Response (deviation in 20Hz-20KHz of  $\pm 0.2$  dB), low distortion (THD + N  $\leq 0.01\%$ ) and really high Signal to Noise ratio (*SNR*) of 97 dB.

**Note 1:** Consult other formats on the website [www.pinanson.com](http://www.pinanson.com).

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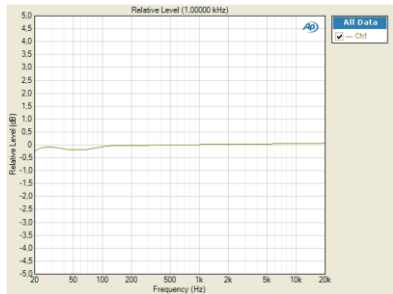
AR BOX FORMAT

## Applications

For **Press rooms**, **PA signals distribution for different rooms**, **Mono/Stereophonic signals**, **Different Languages distribution**, **Different Instruments for recording**, etc., where is necessary the quickly and flexibly distribution of different input signals into several outputs depending on the configuration for each different event changing easily the number of inputs/outputs.

(See page 9)

## Tech Specifications

<b>Max. Input Level</b>	1 KHz, THD+N = 1%	+20 dBu
<b>Input Impedance</b> <i>(Balanced, +4 dBu, 1 KHz)</i>	44ΩKΩ	
<b>Output Impedance</b> <i>(Balanced, +4 dBu, 1 KHz)</i>	300ΩΩ	
<b>Max. Gain</b> <i>(Balanced Input/Output)</i>	- ∞ a +6dB (steps of 0.5 dB)	
<b>THD + N</b> <i>(+4 dBu, 1 KHz)</i>	≤ 0.002%	
<b>IMD</b> <i>(+4 dBu, 60 Hz y 7 KHz)</i>	≤ 0.003%	
<b>Frequency Response</b> <i>(+4 dBu, 20 Hz – 20 KHz)</i>	Deviation	± 0.2 dB
	<p style="text-align: center;">Relative Level (@1000 Hz)</p> 	
<b>SNR</b> <i>(+ 4 dBu, 1 KHz, BW 20 KHz)</i>	98 dB	

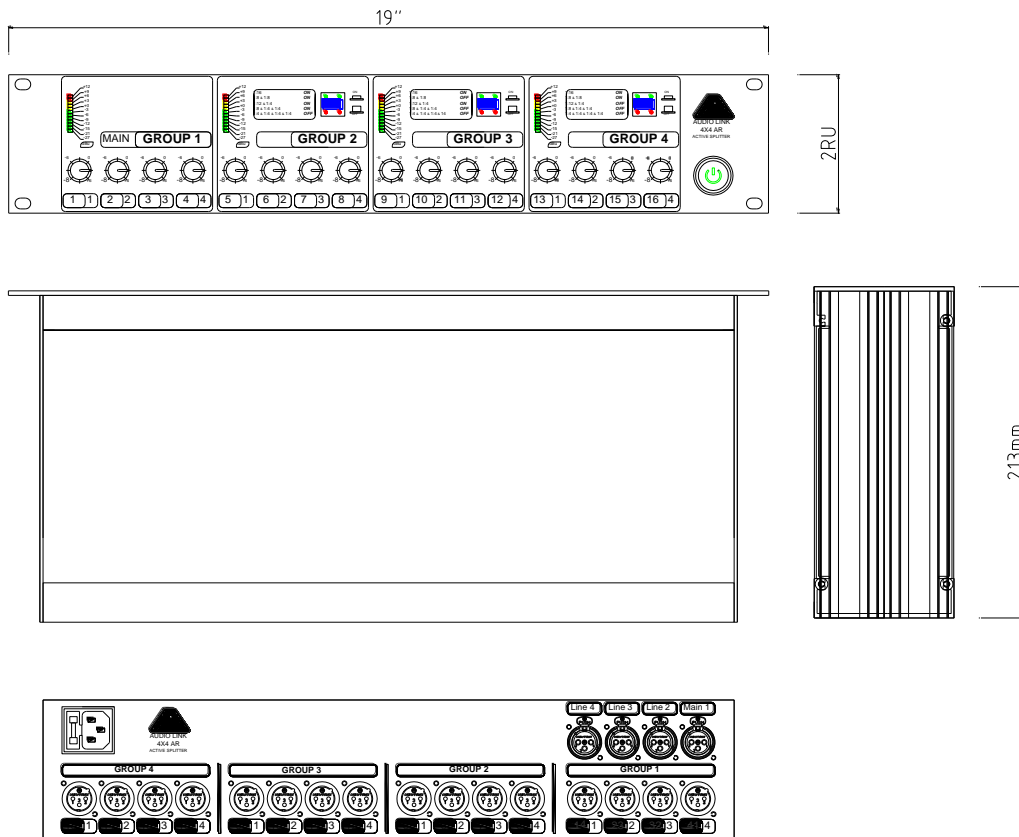
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<b>CMRR</b> (+4 dBu, 1 KHz)	>60 dB	
<b>Crosstalk</b> (+ 4 dBu, 10 KHz)	-85 dB	
<b>Power</b>	Input Voltage	85 VAC to 270 VAC
	Input Frequency	47 Hz to 63 Hz

## Physical Characteristics

- Extruded aluminium panel.
- Finish: sheet vinyl screen.



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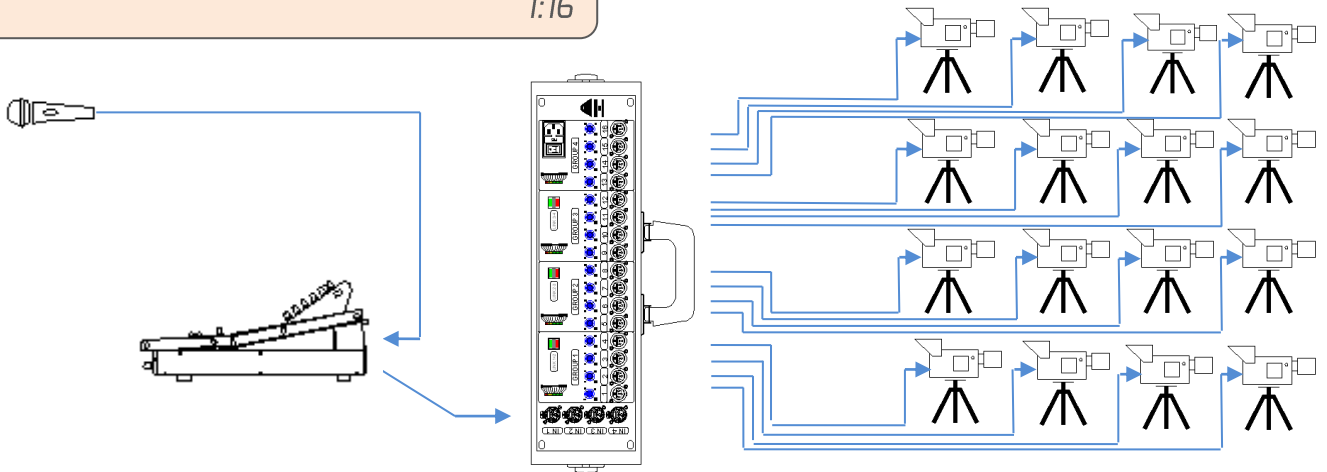
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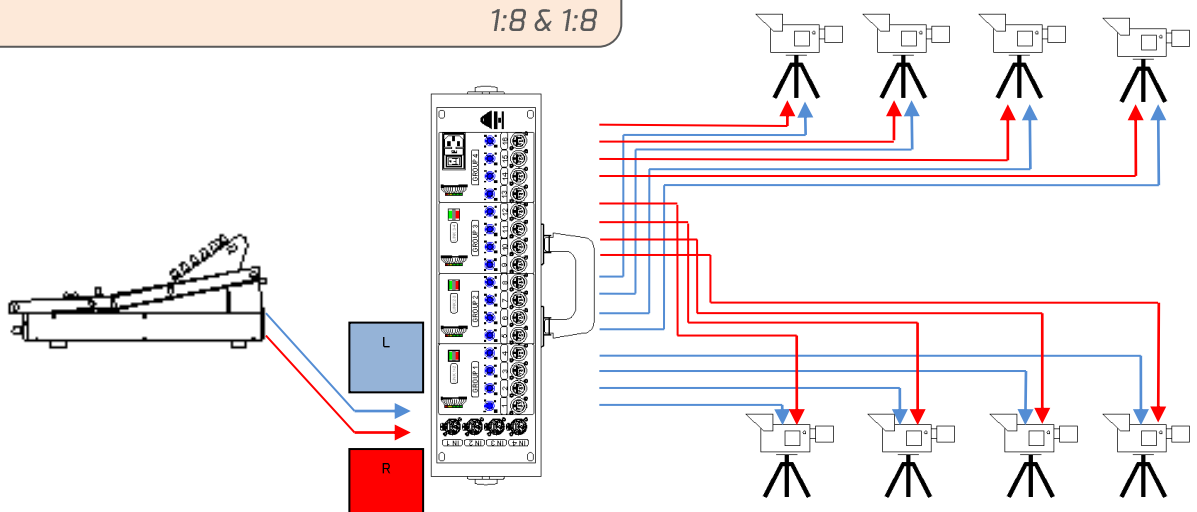
AR BOX FORMAT

## Examples of Working Modes

OPTION 1: Distribution of 1 signal into 16 outputs.  
1:16



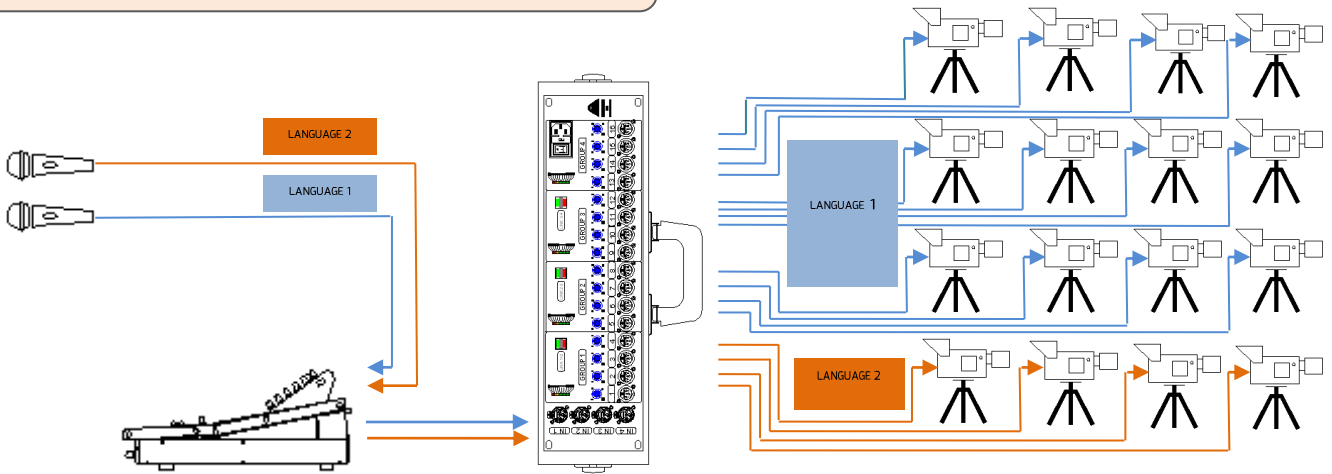
OPTION 2: Distribution of 1 STEREO signal into 8 STEREO outputs.  
1:8 & 1:8



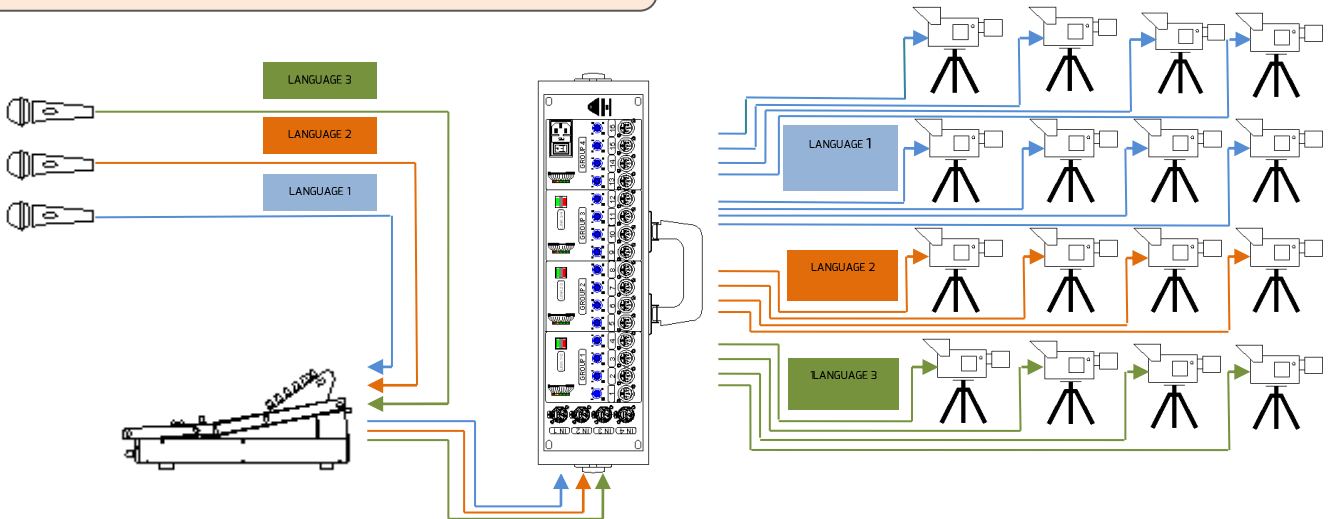
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OPTION 3: Distribution of 2 different LANGUAGES  
1:12 & 1:4



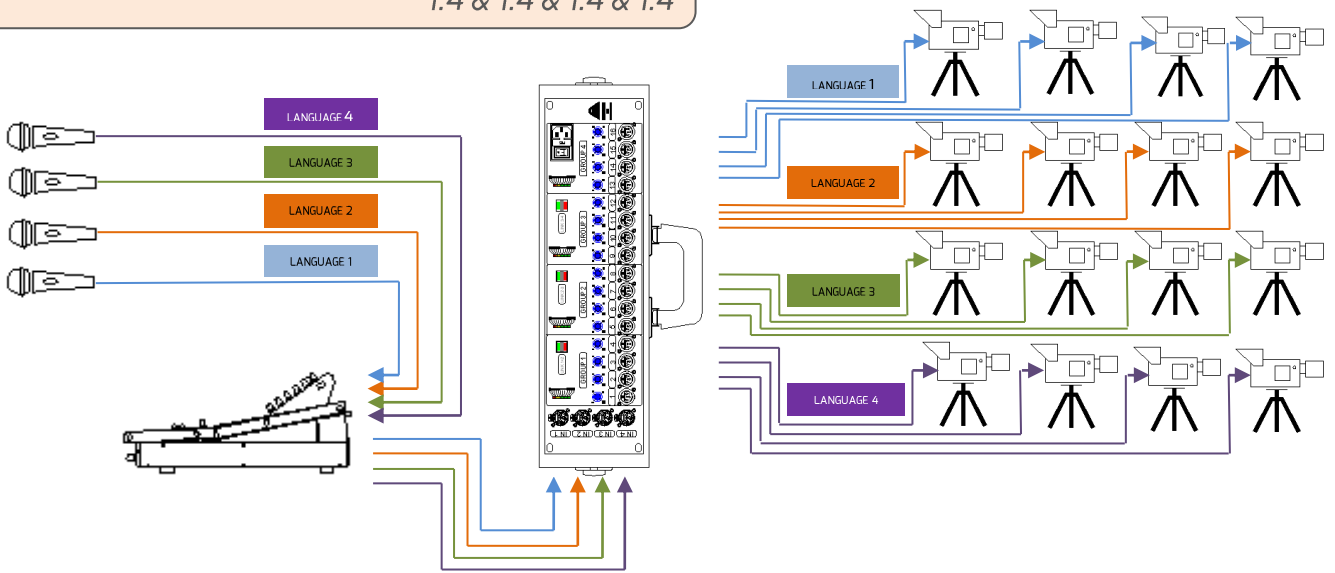
OPTION 4: Distribution of 3 different LANGUAGES  
1:8 & 1:4 & 1:4



Tech Data

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ANALOGUE  
SPLITTER LINK 4X4  
AR BOX FORMAT

OPTION 5: Distribution of 4 different LANGUAGES  
1:4 & 1:4 & 1:4 & 1:4



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## Measurements



Audio measurements are done with *Audio Precision APx515 analyser*.



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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.