

SP-260

STEREO DISTRIBUTION SPLITTER



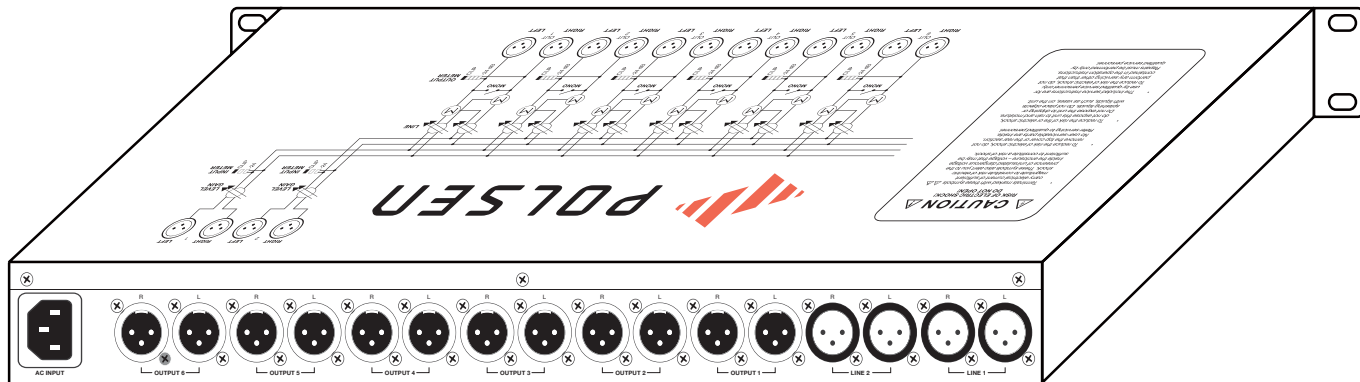
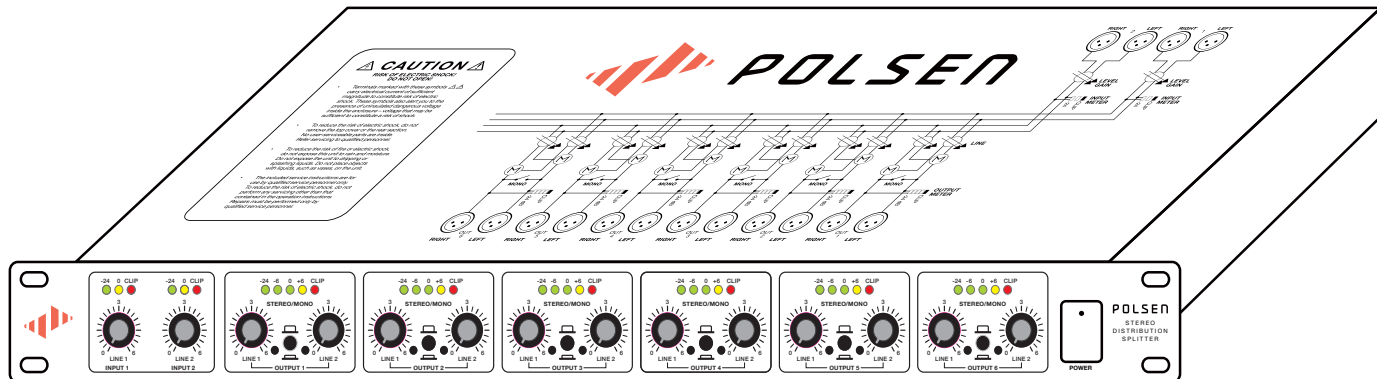
PRODUCT
MANUAL

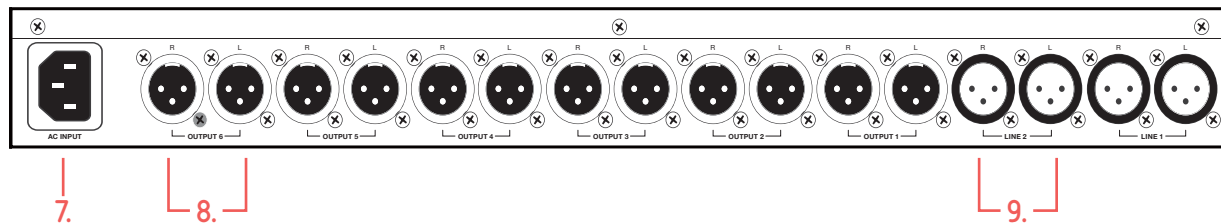
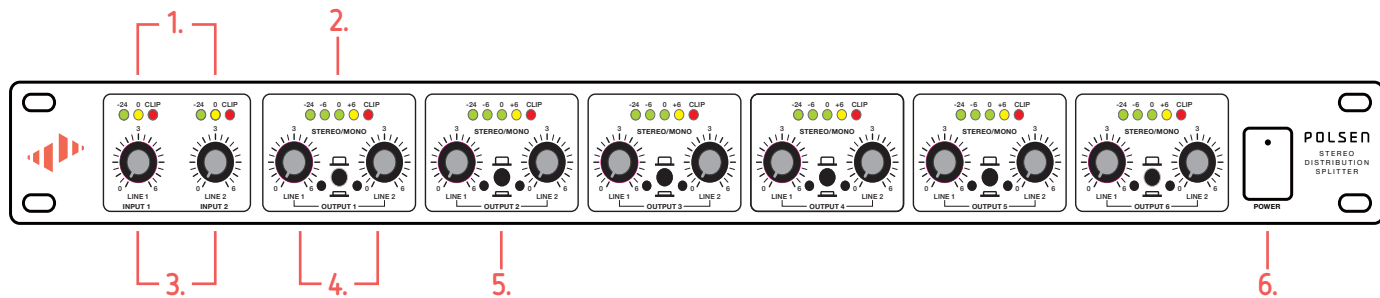
THANK YOU FOR CHOOSING POLSEN.

Polsen's SP-260 2×6 Stereo Distribution Switcher routes line-level audio signals from two sources, like a mixing board or playback device, to six pairs of speakers or headphones. The SP-260 allows you to distribute the sound and adjust the volume for each individual zone or location. This is ideal for offices and homes where different audio programs play in different rooms, or for large spaces that need more than two speakers. The unit is equipped with balanced XLR inputs and outputs that assure an audio signal that's free of distortion from EMI and RFI, even with long cable runs. For control over audio quality, the SP-260 has level indicators that display signal strength for all input and output channels.

PRECAUTIONS ⚠

- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this unit away from water and any flammable gases or liquids.
- Clean the unit with only a soft, dry cloth.
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty, and Polsen will not be responsible for any damage.
- Exposure to high sound levels can cause permanent hearing loss. Avoid listening at high volumes for extended periods of time.
- Use only parts provided by the manufacturer.
- All images are for illustrative purposes only.





OVERVIEW

1. Input Level Indicators

Displays the signal level of the connected devices.

- -24 indicates a weak signal level.
- 0 indicates a strong signal level.
- Clip indicates a level that's too high and distorted.

2. Output Level Indicators

Displays the output signal level for each individual pair of speakers or headphones.

3. Input Volume Knobs

Adjusts the volume of the devices connected to the Line 1 and Line 2 inputs. The volume should be set so the Clip indicator does not light up at the loudest moments.

4. Output Volume Knobs

Adjusts the volume of each individual pair of connected speakers or headphones.

5. Mono/Stereo Selector

Selects the playback mode of each individual pair of speakers or headphones.

- In stereo mode, the green indicator lights up.
- In mono mode, the yellow indicator lights up.

Note: Mono mode is a good option when the input signal is stereo, but the left and right speakers are placed far apart or in different rooms. It's also a good option when monitoring audio that's recorded on discrete channels, like dialogue.

6. Power Switch

7. AC Power Input

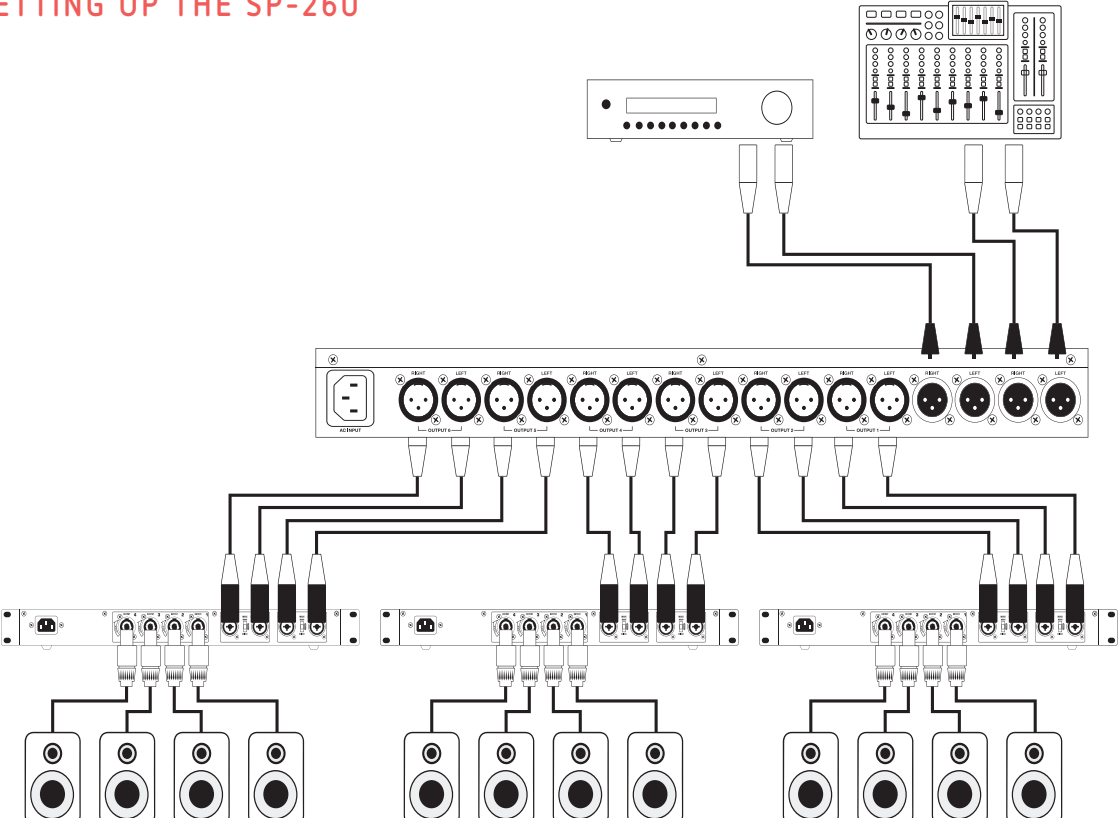
8. XLR Outputs

Use the balanced XLR outputs to connect the SP-260 to a power amplifier, powered speakers, or headphone amplifier.

9. XLR Inputs

Use the balanced XLR inputs to connect line-level sources such as a mixing board, preamp, or playback device.

SETTING UP THE SP-260



SPECIFICATIONS

INPUT	
INPUTS	XLR, balanced (×2)
INPUT IMPEDANCE	44 kΩ (balanced) 22 kΩ (unbalanced)
MAX INPUT LEVEL	+21 dBu
MAX GAIN	+10 dB
CROSSTALK	>80 dB @ 1 kHz
COMMON MODE REJECTION	>40 dB @ 1 kHz, 22 Hz to 22 kHz

POWER	
VOLTAGE	100 to 240 VAC, 50/60 Hz
POWER CONSUMPTION	15 W

OUTPUT	
TYPE	XLR, balanced (×12)
MAX GAIN	0 dB
MAX GAIN (INPUT/OUTPUT)	+10 dB
IMPEDANCE	50 Ω (balanced and unbalanced)
MAX OUTPUT LEVEL	+21 dBu (balanced and unbalanced)
CROSSTALK (L/R)	>80 dB @ 1 kHz
NOISE (ALL LEVEL CONTROLS DOWN)	-104 dBu A-weighted
SNR	97 dB @ 0 dB A-weighted

GENERAL	
FREQUENCY RESPONSE	<10 Hz to 25 kHz ± 0.5 dB
THD+N	<0.008%
CONTROLS	Stereo input level (×2) Stereo output (×2) Mono/stereo switch (×6) Power switch
DISPLAY	Input: -24 dB, 0 dB, Clip LEDs Output: -24 dB, -6 dB, +6 dB, clip LEDs
DIMENSIONS (H × W × D)	1.7 × 19 × 6.3 in. (44 × 483 × 160 mm)
WEIGHT	4.7 lb. (2.1 kg)

ONE-YEAR LIMITED WARRANTY

This Polsen product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Polsen Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Polsen along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.polsenaudio.com or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.

www.gradusgroup.com

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