



## 2:4 Audio Management Speaker Selector

Item ref: 128.303UK

User Manual

This matrix switcher for stereo amplifiers has 2 inputs and 4 outputs. Any of the inputs may be routed to any of the outputs, or the same input may be routed to all outputs or any combination. Simply connect the output of the amplifiers to the inputs, these inputs can then be routed to four different stereo speaker sets in four different locations, each speaker set can be individually activated via the push buttons on the front of the box and individual volume controls.

### Features:

- Enables four pairs of speakers to be connected to two separate amplifiers.
- Heavy-duty push buttons.
- Built-in overload protection.
- Designed for 4-16 ohms speakers.
- Black aluminium housing.
- Individual volume controls with black aluminium finish.
- Accepts up to 14-gauge speaker cable.
- Individual A/B switch per zone.

### Installation consideration:

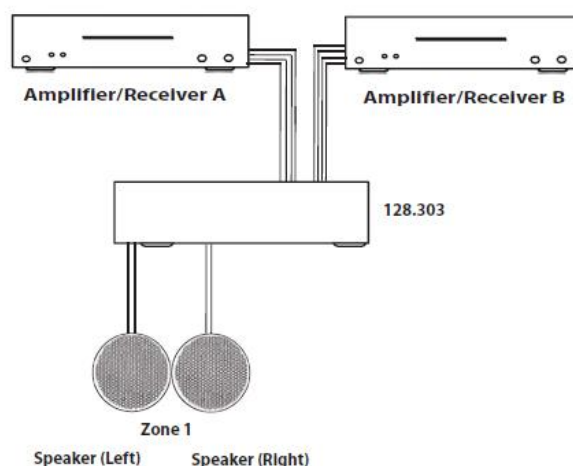
The AD-SPK2:4 is designed for use with an amplifier with a maximum power of 180 Watts per channel at 8 ohms respectively. If you are uncertain about the power rating of your amplifier, consult the appliance's manufacturer.

It is recommended to use only 8-ohm speakers when using the AD-SPK2:4. We do not recommend installing more than 1 pair of speakers per pair of channels. Each pair of channels or terminal block is designed for 1 pair of speakers using up to 14-gauge wire.

Speaker wires can act as an antenna for electrical noise. Locating speaker wires too close to light dimmers or switches may cause a buzzing or popping sound to be heard through the speakers. If you must locate the AD-SPK2:4 wiring near electrical devices, route the speaker wires several inches away.

### Installation:

- Insert each wire into the appropriate hole on the removable terminals.
- Strip 1/4" of insulation from the end of each wire and tightly twist the ends until no frayed ends remain. Use a small screwdriver to tighten each wire in place.
- Insert the connector plug into the socket and lock in place by tightening captive screws on the side of each connector. The inputs of AD-SPK2:4 are the connecting terminals for the amplifiers. Be sure not to reverse these connections or the AD-SPK2:4 will not function properly.
- Each zone gets connected to a pair of speakers. Make sure you connect negative (-) to negative (-) and positive (+) to positive (+).



## Operation:

It is important to properly adjust an impedance-matching system to avoid distortion or DC clipping (DC voltage will be produced from an amplifier that is overworked or that has an improper load). These can cause the amplifier to go into protection and can cause the AD-SPK2:4 to heat up, damaging the system components. To set up the system, the amplifier volume should be at its lowest volume setting, and the selector volume control should be the highest setting. Slowly adjust the amplifier volume to a level that is acceptable without clipping.

- Make sure the amplifier power is OFF and set volume to minimum.
- Set the volume control for the speaker pair you wish to play to maximum (Fully clockwise).
- Locate the on/off button which corresponds to the speaker pair you wish to play and set in the ON position.
- Gradually turn up the amplifier volume and set it to an acceptable listening level. Be careful not to overdrive your amplifier.
- You can turn off the speakers by turning the appropriate volume control on the AD-SPK2:4 full anti-clockwise, or by pressing the on/off button.

## Technical Specifications:

|                          |                           |
|--------------------------|---------------------------|
| <b>Wiring gauge</b>      | 14 to 22 gauge            |
| <b>Inputs</b>            | 2x Stereo                 |
| <b>Outputs</b>           | 4 x stereo @ 4 to 16 ohms |
| <b>Power per channel</b> | 100W max.                 |
| <b>Dimensions</b>        | 432 x 133 x 64mm          |
| <b>Weight</b>            | 2.67kg                    |

## Warning:

- For reasons of electrical safety this device must never be immersed in water, exposed to damp conditions or excessive force.
- Please do not use this device if you find that it is damaged in any way and only use the batteries recommended by the manufacturer.
- Do not attempt to repair this device or take apart under any circumstances, as this will invalidate your warranty.



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

### Errors and omissions excepted.

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Taylor Road, Trafford Park, Manchester. M41 7JQ.

AVSL (Europe) Ltd, Unit 3D North Point House,  
North Point Bus. Park, New Mallow Road, Cork, Ireland.