

# 2 Way Speaker Switch with Banana Connector



## PACKAGE CONTENTS:

- Main unit x1
- User Manual x1

## INTRODUCTION:

The product is used to distribute loudspeaker output signals from audio amplifiers to different loudspeakers for selection and control the volume.

This product is only approved for connection to loudspeaker outputs of audio amplifiers and inputs of passive loudspeakers.

## CONNECTION:

- 1) Connect only loudspeaker outputs of audio amplifiers to the loudspeaker terminals AMP INPUT.
  - 2) Connect only passive loudspeakers with impedance between 4 and 8 ohms to the loudspeaker terminals SPEAKER OUTPUT.
  - 3) Use only suitable speaker cables with a maximum cross-section of 6 mm<sup>2</sup> for cabling.
  - 4) Carefully check the relevant operating instructions of the devices that are to be connected in regards to input and output wiring.
  - 5) If these instructions are not observed, the device or connected devices (amplifier or loudspeaker) may get damaged.
  - 6) Switch off the power switch of the amplifier before connecting it and do not switch the amplifier on again until you have made all the necessary connections and checked them. Proceed in the same way when changing the circuit.
  - 7) Make sure to introduce neatly the stranded wires into loudspeaker terminals to exclude short circuits. Do not remove more than 6 mm of insulation from the speaker line.
- Note the identification for connecting the loudspeaker terminals:
    - red = positive terminal
    - black = negative terminal
    - RIGHT = right terminal
    - LEFT = left terminal
  - Connect loudspeaker terminals SPEAKER OUTPUT PAIR 1 and PAIR 2 to the speakers.
  - Connect loudspeaker terminals AMP INPUT to the loudspeaker outputs of the amplifier.

## OPERATION:

Loudspeakers connected can be switched on individually or at the same time using the SPEAKERS selectors. Speaker pair 1 is still running when both SPEAKERS selectors are in the OFF position. This circuit protects your amplifier against damage during idle operation.

- Turn on your amplifier and start the music programme you want.
- Use the SPEAKERS selectors to select the desired loudspeaker pair (PAIR 1 or PAIR 2).
  - Position ON > Loudspeaker pair switched on
  - Position OFF > Loudspeaker pair switched off
- The SPEAKER PAIR 2 VOLUME controller is used to adjust the volume of speaker pair 2.
- The overall volume is adjusted with the volume control on the amplifier.

## SPECIFICATIONS:

Load.....	60 W per channel
Impedance.....	4 – 16 Ω
Cable length.....	max. 50 m
Wire cross section.....	max. 2.5 mm <sup>2</sup>
Operating conditions.....	-25 to +85 °C, 20 – 75 % RH
Storage conditions.....	-25 to +85 °C, 20 – 75 % RH