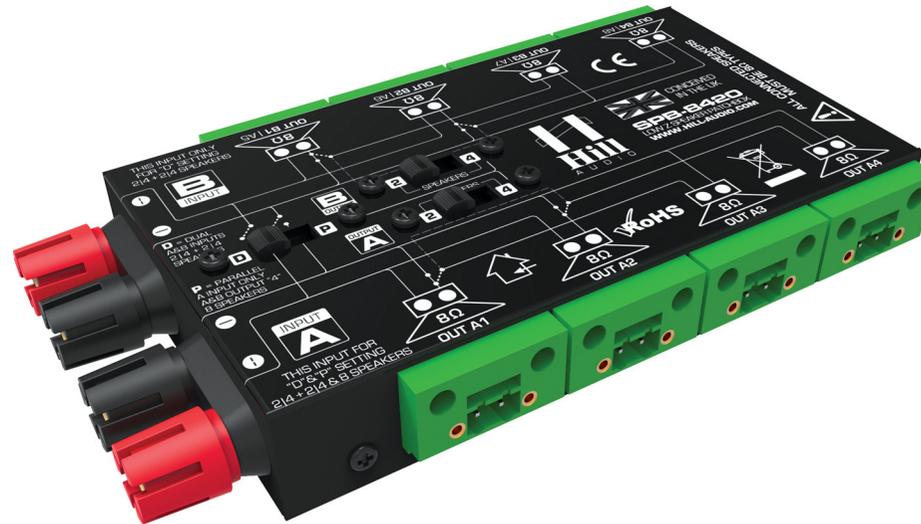
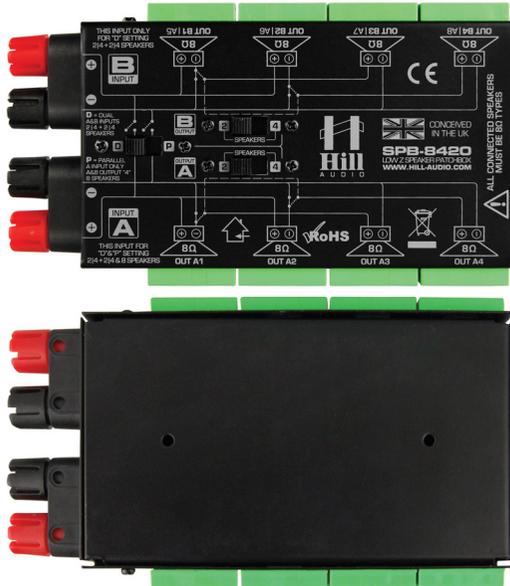


FEATURES

- Low Impedance Speaker Patch Box
- 2x Binding post inputs for 2.5 sqmm cables from a 4-Ohm capable amplifier output
- 8x 5.08mm speaker outputs on Phoenix-style terminals
- Designed for 8-Ohm speakers
- Output configuration settable by 3 slide switches, available configurations:
 - A: 2x2 speakers, load impedance 2x4Ω
 - B: 2x4 speakers, load impedance 2x8Ω
 - C: 1x8 speakers, load impedance 1x4Ω
- Terminal plugs for outputs supplied with unit
- No power supply required
- Simple wall or ceiling mounting
- Full metal case
- CE/ROHS compliant



TECHNICAL DATA

Max. Power Handling.....2x100W or 1x200W
 Speaker Impedance8 Ohms
 Dimensions.....L175xH25xD95mm
 Weight.....0.6 kg

LOGISTICS DATA

Order Number.....2007901
 Single unit EAN-13.....5060502920140
 Single Carton size.....200x110x35mm
 Single Carton gross weight.....0.75kg
 Units per master carton.....8
 Master carton size.....215x235x160mm
 Master carton gross weight.....6.5kg

CONCEPT

Many installed sound systems work with 4, 8 or a maximum of 16 speakers, and serve relatively limited areas of up to 300sqm, with the main target of music replay. Typical installations of this nature encompass retail shops, restaurants and bars. While 100V line systems are a possible choice for such applications, the required transformers can prove to be expensive while limiting audio bandwidth and causing saturation losses. A low impedance system is hence a viable alternative, and to reduce the complication of installation with required parallel and serial wiring, Hill Audio offers a solution with the SPB-8420. This low impedance speaker installation patch box takes away the hassle of determining the correct combination of parallel and series wiring, and also solves the problem of wire impedance load balancing by keeping the wire lengths, cross-sections and impedances the same for every connected speaker. The SPB-8420 is designed for the use with 8 Ohm speakers. The necessary configuration can be selected via 3 top-panel switches, and can be set between a stereo mode with either 2x2 or 2x4 speakers, or a mono mode with 8 speakers. For 16-speaker installations, the use of two units is required. The SPB-8420 is intended to be placed in the center of the speaker arrangement, with cables running from the driving amplifier into the input binding posts. Speakers are connected via 5.08mm Phoenix-style connectors, with the necessary plugs supplied with the unit. The unit is passive, requires no power supply and sports a mounting system for simple mounting on walls or ceilings. The SPB-8420 is the perfect solution for contractors who are determined to provide the best sound for an attractive cost by opting for a low-impedance system.