

## QED SS21 2 WAY SPEAKER SWITCH

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Šifra: 11799

Kategorija proizvoda: Ostalo

Proizvođač: QED

Cena: **15.120,00** rsd

### FEATURES AND BENEFITS

Minimum Load Impedance - 4  $\Omega$  (using two pairs of 8  $\Omega$  speakers)

Power Rating: 150 Watts RMS

Silver Plated Switch Contacts

Binding Post Terminals (Can Be Used with 4 mm Speaker Plugs)

Dimensions (HxWxD): 55 mm x 157 mm x 170 mm

Suitable for Use with the WM14 Wall Mounted Volume Control

Suitable for Bi-Wiring (Spade + Banana)

### QED SWITCHING FAQ

What are the differences between the speaker switches in terms of impedance?

All the speaker switches are configured so that if you use 8  $\Omega$  speakers the minimum impedance seen by the amplifier will be 4  $\Omega$

What are the benefits of series vs parallel ?

The switches which have more than two sets of speakers use a combination of series and parallel switching to achieve the minimum impedance of 4  $\Omega$  no matter what combination of speakers are switched on. For the two way switches there is a choice between exclusively series or parallel versions. If you have 8  $\Omega$  speakers (and a 4  $\Omega$  min amp) you should always use the parallel switch. If you have 4  $\Omega$  speakers and a 4  $\Omega$  min amp you should always use the series switch.

All QED switches load on 4  $\Omega$  using 8  $\Omega$  speakers. What happens if my speakers are 6  $\Omega$ ?

1. Check your amp - if it can cope with a 3  $\Omega$  load or less (and some can) then you are alright. The rule is you must always use speakers with double the impedance of the amp minimum. 2. If you only have two pairs of speakers then use the two way SERIES switch.

How do the switches deal with power, e.g. if I have an amplifier with more than 150 watts?

These accessories use mains switches which are rated at 6A which means the max power they can handle is 288W given an 8  $\Omega$  load

If my amp is rated 6-16  $\Omega$  should I really be running a 4  $\Omega$  load?

NO, NEVER - you should use 12  $\Omega$  minimum speakers. You can get 16  $\Omega$  speakers though - but it may just be easier to change the amp.

Can I use them in reverse e.g. as an amplifier switcher (we know the answer is no, but why?)

NO - because the speaker switches are designed to have two sets or more of speakers attached to one amp, if used in reverse there is always the possibility of connecting two amps at once to one pair of speakers resulting in damage to one or both amps.

What is the technical definition of 'transmatch'?

For the 5 way speaker switch we don't use parallel or series switching but use transformer coupling instead. Again you have to use 8  $\Omega$  speakers minimum if your amp is a 4  $\Omega$  minimum amp. The impedance is then matched by the transformer (hence the name) so that a net 1.6  $\Omega$  load (all 5 sets of 8  $\Omega$  speakers switched on) is converted back to a 4  $\Omega$  load. One pair of speakers (A) is not connected to the transformer but is directly connected to the amp, these will be the main speakers. The four B pairs are connected via the transformer.