VP7501 VP7810
Speaker Patch

improved

VP7501 Local Speaker Patch Panel

VP7501 is used to isolate a group or a zone of speakers such as in meeting room, restaurant, outlets in shopping mall, etc., from central PA system to allow a separate localized PA amplifier to utilize those local speakers. However, during essential paging from central PA, VP7501 shall allow the broadcast to bypass the local audio by triggering an overriding relay at the panel through 24V DC sent by central system.

VP7810 100V - 8 Ohm Speaker Patch Unit

VP7810 works similarly as VP7501 but the local speaker shall be 8 Ohm. With essential broadcast from central PA together with 24V DC VC overriding signal, it shall trigger the overriding relay and step down the 100V audio to suit the 8 Ohm speaker to avoid damaging it.
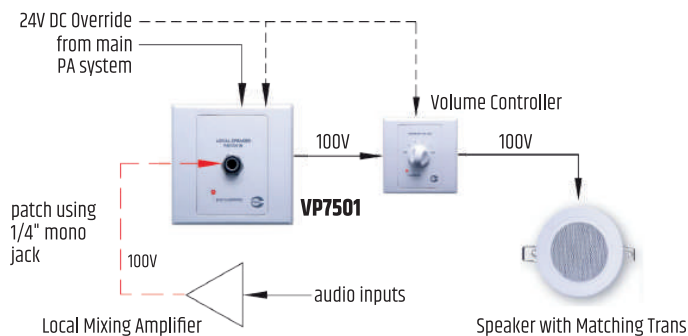
Among common application is in hotel TV music extension to bathroom speaker of 8 Ohm. VP7810 is used in between them for interface with central PA system.
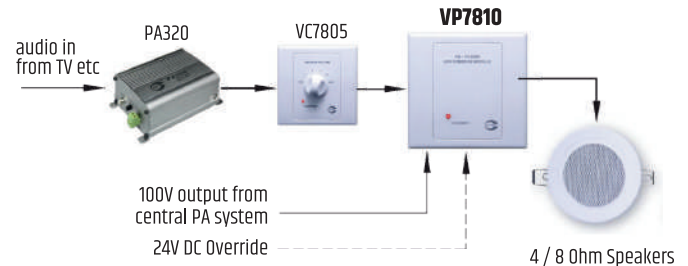
Technical Specifications

	VP7501	VP7810
Power rating	100W 100V Max	10W 8 Ohm
Overriding voltage	24V DC : 15 mA	
Patch connection	1/4" phone jack-front patch	Hardwired
Cabling	4 wire system (2 audio ; 2 overriding)	
Dimensions (W x H x D)	86 x 86 x 40 mm 70 x 120 mm face plate available upon request	
Weight	80 g	200 g
Optional back enclosure :		
Concealed (W x H x D)	77 x 77 x 60 mm	
Surface (W x H x D)	85 x 85 60 mm	

Application Schematic

Application for VP7501

24V DC Override from main PA system

Volume Controller

100V   100V

patch using 1/4" mono jack

VP7501

100V

Local Mixing Amplifier   audio inputs   Speaker with Matching Trans

Application for VP7810

audio in from TV etc   PA320   VC7805   **VP7810**

100V output from central PA system

24V DC Override   4 / 8 Ohm Speakers

Packing Information

Carton size : 550 (L) x 425 (W) x 220 (H) mm

Gross weight : VP7501 - 10.5 kg
                         : VP7810 - 23.1 kg

90 units per carton