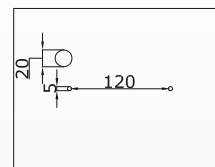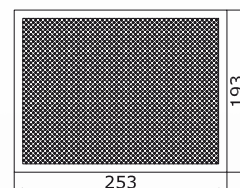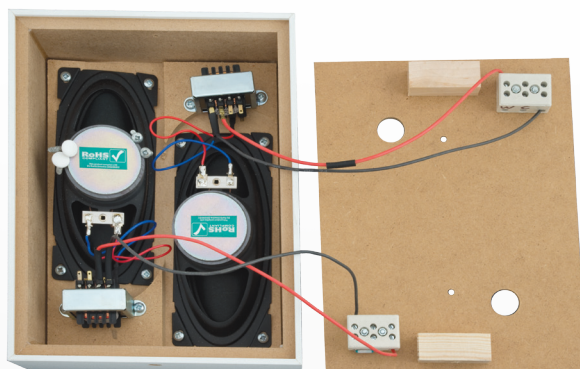# WAL 165/10-A/B PP   WAL 165/10-A/B PP1

WAL 165/10-A/B PP – this elegant, rectangular wall A/B-line loudspeaker is made of a high-grade MDF and it is an ideal solution for both music and voice evacuation announcements. WAL 165/10-A/B PP is equipped with two independent full-range 10W speakers and 100V transformers to enable operation of 2 separate speaker lines in one loudspeaker enclosure. This is a perfect solution to limit the number of loud-speaker "boxes" in the project and makes installation more economic. Also from the security point of view this solution ensures the highest standard – in case of one speaker failure the second one will ensure the same independent operation. The connection unit has two 3-pin ceramic terminal blocks with thermal fuses. The loudspeaker has IP 54 rating. It is optionally offered in PP1 version – it means instead of ceramic block and thermal fuse it is equipped just with a 2-pin plastic connection blocks.

Model	WAL 165/10-A/B PP WAL 165/10-A/B PP1
Type	wall
Application	wall
Certificate Number	1438-CPR-0800
Speaker Type	2x 164/69 mm full-range
Rated power [W]	2x10
Driver impedance [Ω]	8
Impedance 100V [Ω]	1000/1667/3333/6128
Tappings 100V [W]	2x 10/6/3/1,5
Frequency Range (-10dB) [Hz]	130-17300*
SPL 1W/1 m [dB]	92**
SPL Pmax/1 m [dB]	102**
Sensitivity 1W/4 m EN 54-24 [dB]	73,9 (single), 77,0 (double)
SPL max (rated noise power/4 m) EN 54-24 [dB]	80,8 (single), 86,7 (double)
Dispersion -6dB, 500 Hz/1 kHz/2 kHz/4kHz [°]	H: 210/155/105/85, V: 240/210/155/105 (single)
	H: 215/140/80/85, V: 230/160/65/30 (double)
Connection PP/PP1	2x 2x3 pole ceramic cube, 2x 2x2 pole connector
Temperature range [°C]	<-10, +55>
Type A/B/C	A
IP Rating according to EN 54-24 / IP Rating***	21C/54***
Dimensions [mm]	253x193x83
Weight [kg]	2,4
Material	MDF
Colour	RAL 9010
Packing Unit	8

* meassured in institiute other than BIP CNBOP - following PN-EN 60268-5:2005
**parameter calculated   ***tested in institute other than BIP-CNBOP

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