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## BPV-SERIES

### 100V Outdoor Speakers

### User Manual



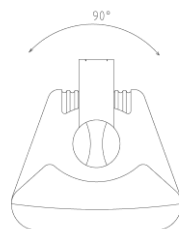
BP3V	75mm (3"), 60Wmax	White	952.810
		Black	952.811
BP4V	100mm (4"), 70Wmax	White	952.812
		Black	952.813
BP5V	130mm (5.25"), 90Wmax	White	952.814
		Black	952.815
BP6V	165mm (6.5"), 120Wmax	White	952.816
		Black	952.817

#### Introduction

Thank you for choosing the BPV-series outdoor speakers. These weatherproof speakers have been designed to offer high quality sound for 100V line or low impedance installations. Please read and follow the instructions in this manual to achieve the best results and avoid damage through misuse.

#### Installation

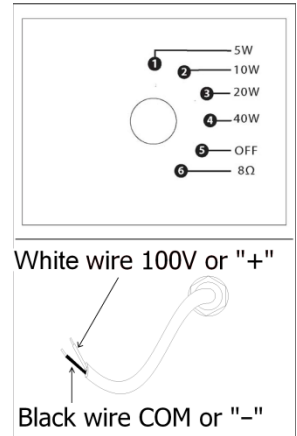
The BPV-series speakers are each supplied with a wall-mounting bracket which allows 90° lateral adjustment. When fixing to a wall or ceiling, use the bracket to mark out the fixing points and use appropriate fixings for the substrate that the speaker will be attached to, ensuring that the fixing is strong enough to bear the weight load.



Once the bracket is fitted, support the speaker in position and attach top and bottom using the supplied M6 screw caps and adjust to the required angle. Further M6 mounting points are available at the rear of the speaker, should it be preferred to use different mounting methods (e.g. 129.130 – 129.124UK)

## Connection

BPV-series speakers are connected via a hard-wired cable from the rear of the enclosure. For 100V operation, use double insulated cable rated to the total maximum current, calculated as total max tapped power divided by 100V. With the amplifier switched off, strip the speaker wire ends and connect 100V or "+" to the white wire and connect Common or "-" to the black wire. Insulate any connecting joints adequately and seal from moisture if connected outdoors. Each model has a 100V transformer with various volume settings or "tappings" available via a rotary switch at the rear (BP6V example shown).



When used with a 100V line amplifier, select the required maximum wattage that the speaker should demand from the amplifier. Ensure that the sum of the wattages of all the speakers attached to the amplifier does not exceed the recommended output of the amplifier.

When used with a standard (non-100V) amplifier, select the "8Ω" setting and refer to the amplifier manufacturer's manual to ensure that total speaker impedance (Ω) is not less than recommended for the amplifier. It is imperative that the amplifier does not deliver more power than can be handled by the BCV speaker. Refer to the amplifier manual and specifications below to calculate this. Normally, it is recommended that the amplifier is capable of the RMS power rating of the speaker but cannot ever exceed the Max power rating.

## Specifications

Model	BP3V	BP4V	BP5V	BP6V
Woofers	75mmØ (3")	100mmØ (4")	130mmØ (5.25")	165mmØ (6.5")
Tweeter	50mmØ (2")	25mmØ (1")	25mmØ (1")	25mmØ (1")
Freq response	120Hz - 20kHz	110Hz - 20kHz	100Hz - 20kHz	90Hz - 20kHz
Power max : 8Ω	60W	70W	90W	120W
Power rms : 8Ω	30W	35W	45W	60W
Tappings	1.5/3/6W, 8Ω	2.5/5/10/20W, 8Ω	5/10/20/30W, 8Ω	5/10/20/40W, 8Ω
Dimensions (mm)	106 x 153 x 106	150 x 195 x 150	180 x 240 x 180	220 x 280 x 220
Weight	900g	1.63kg	2.38kg	3.08kg
SPL @ 1W/1m	88dB	88dB	88dB	89dB

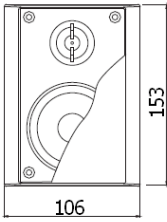
## Caution

BPV-series speakers are weatherproof IP54 rated. Avoid immersion or direct water jets to the speaker. Avoid excess heat and exposure to direct sunlight.

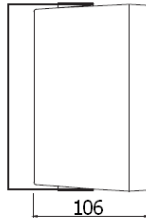
Take care not to overload speakers. HF drivers are especially prone to damage through overload.

For 100V installation, take proper care to insulate any contacts within reach of users.

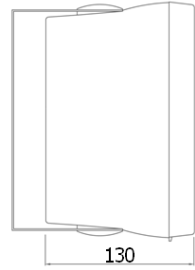
Seal any outdoor speaker connections from moisture ingress.



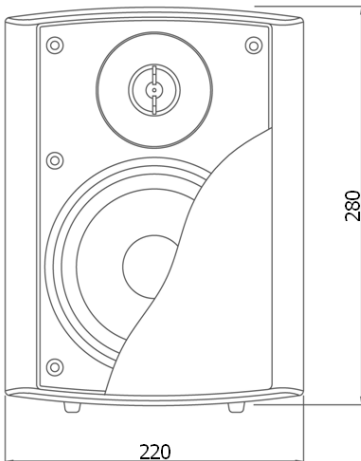
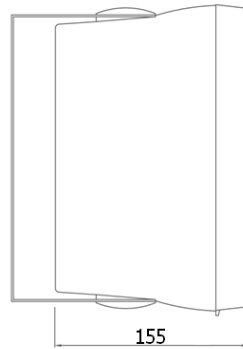
**BP3V**



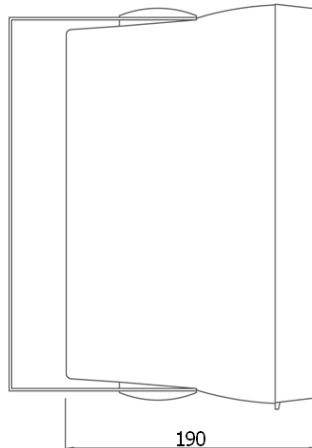
**BP4V**

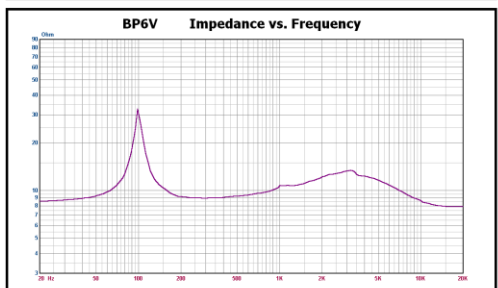
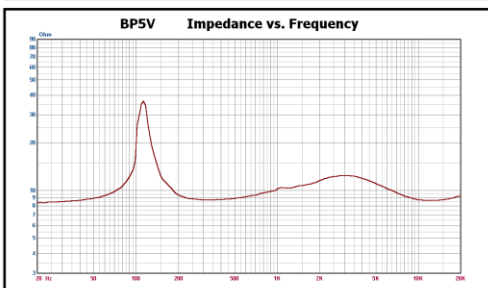
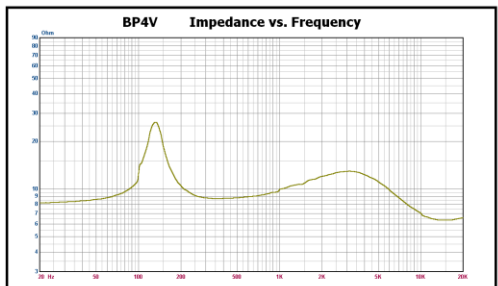
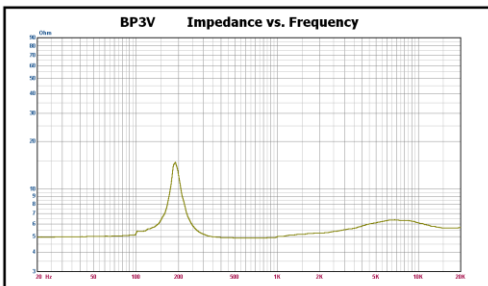
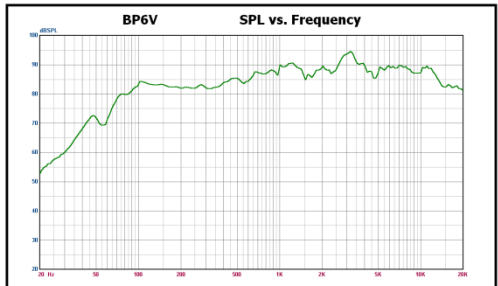
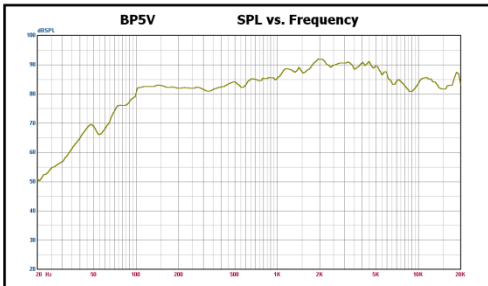
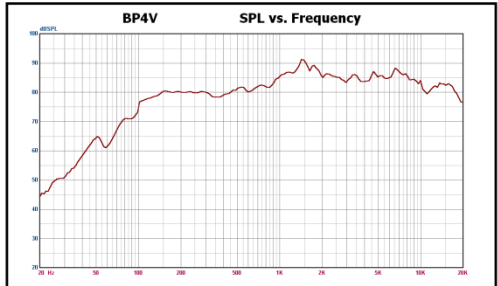
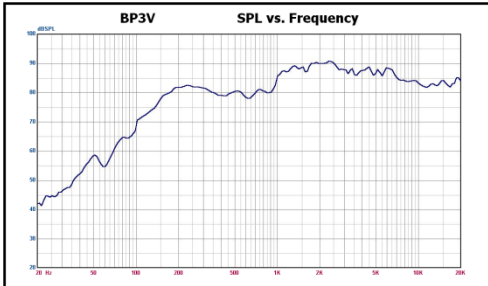


**BP5V**



**BP6V**





*Errors and omissions excepted.  
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