




# BLAUPUNKT BPS-E452 2 Way Car Speaker System User Manual

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BLAUPUNKT BPS-E452 2 Way Car Speaker  
System User Manual



## 2 Way Car Speaker System

### E-Series

BPS-E452, BPS-E552, BPS-E652

### X-Series

BPS-X6520

**BP Americas Corp.**  
9590 NW 40th St Road  
Doral, FL 33178



Model:	BPS-E452	BPS-E552	BPS-E652	BPS-X6520
Speaker Design	4" 2Way	5" 2Way	6" 2Way	6.5" 2Way
Woofer [in, mm]	4in 102mm	5in 128mm	6in 157mm	6.5in 165mm
Mid [in, mm]	—	—	—	—
Tweeter [in, mm]	1.2in 30mm	1.2in 30mm	1.2in 30mm	1.2in 30mm
Rated Impedance	4ohm	4ohm	4ohm	4ohm
Peak Power Handling [Watts]	40W	40W	40W	70W
Continous Power Handling [Watts]	20W	20W	20W	35W
Sensitivity [1W, 1m]	84dB	84dB	84.5dB	88.5dB
Frequency Response [Hz]	90~20000Hz	80~20000Hz	55~20000Hz	55~20000Hz
Mounting Hole Diameter [in, mm]	3.74in 95mm	4.57in 116mm	4.88in 124mm	5.59in 142mm
Top Mount Depth [in, mm]	1.102in 28mm	1.102in 28mm	1.102in 28mm	1.26in 32mm
Bottom Mount Depth [in, mm]	1.65in 44mm	1.81in 46mm	1.65in 42mm	2.28in 58mm
Tweeter Protrusion [in, mm]	0	0	0	0
Grilles	Yes	Yes	Yes	Yes
Tweeter Magnet Material	Neodymium	Neodymium	Neodymium	Neodymium
Tweeter Dome Material	PET	PET	PET	PEI
Tweeter Design	Balanced Dome	Balanced Dome	Balanced Dome	Balanced Dome
Woofer Cone Material	PP	PP	PP	Carbon Fiber
Woofer Surround Material	Rubber	Rubber	Rubber	Rubber

## Contents

### 1 WIRING

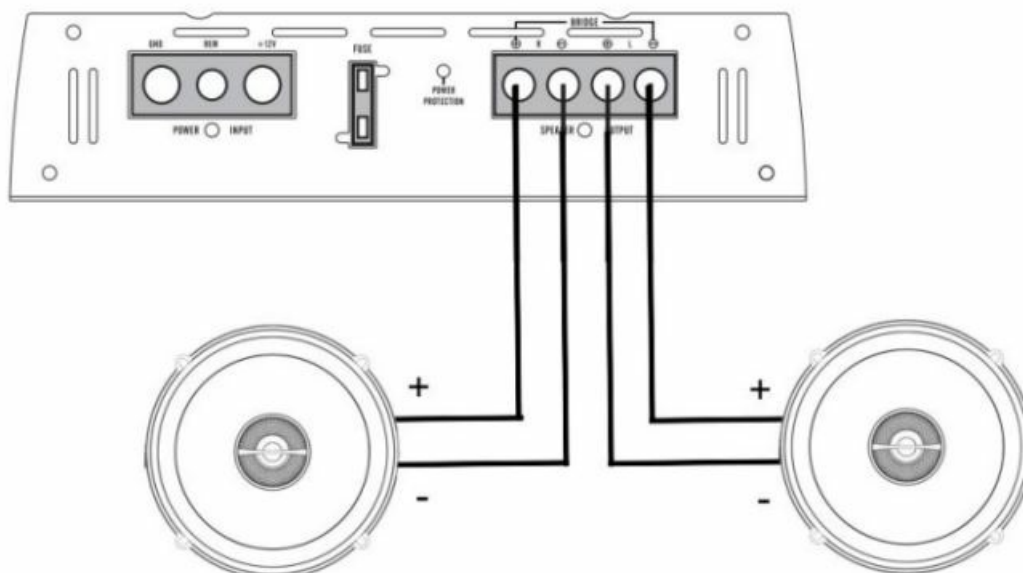
### 2 MOUNTING

### 3 Documents / Resources

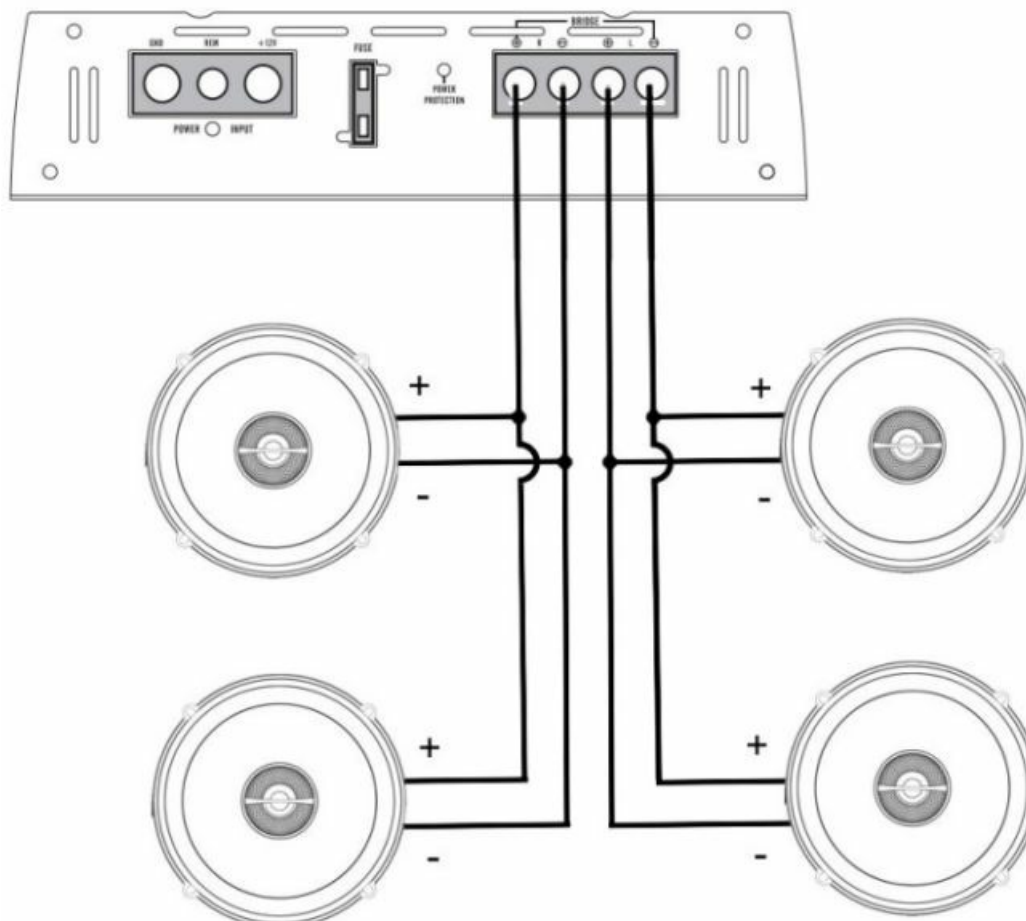
#### 3.1 References

## WIRING

Blaupunkt Speaker wired to a single channel Total Impedance: 4 ohms x channel



Blaupunkt Speakers wired in parallel to a single channel Total Impedance: 2 ohms x channel



## MOUNTING

**NOTE:** BLAUPUNKT strongly recommends that you operate your system at low volume levels prior to the complete installation of your BLAUPUNKT speakers.

**CAUTION:** Make sure that all of the speaker wiring is fully protected from cuts, tears or possible wear. Any short circuit caused from cuts, tears or wears, could severely damage the source unit or amplifier. Make sure all speaker wires easily reach the speaker terminals with no stress on the wires or connectors.


**IMPORTANT:** Never cut any metal that is an integral part of the vehicle's safety or structural support system. If you are unsure of the importance of any components of your vehicle, it is recommended that you have your speaker professionally installed.

**CHOOSING A LOCATION:** It is always best to plan the complete installation prior to attempting to install any product. The routing of wires, power connections, and mounting location, should be planned first. As with any car stereo installation, all work performance should be checked thoroughly and carefully prior to the operation of the system.

BLAUPUNKT Speakers are designed to fit in almost any factory location. If at all possible, it is recommended that you use factory locations. This applies mostly to later model cars. For those earlier model cars, that do not have factory location or are limited to just front speakers, it is recommended that you choose a location with a sufficient amount of air space.

If there's not enough air space, the woofer of the speaker may not reproduce low frequencies very well. It is recommended to mount the speakers in the door panels, kick panels, rear deck, etc. Ideally, the speakers should be mounted where it will be in an enclosed airspace. This allows for an extended bass response.

## Documents / Resources

	<p><a href="#">BLAUPUNKT BPS-E452 2 Way Car Speaker System</a> [pdf] User Manual BPS-E452 2 Way Car Speaker System, BPS-E452, 2 Way Car Speaker System, Car Speaker System, Speaker System, System</p>
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## References

- [User Manual](#)