

BLAUPUNKT BPS-E650C Component Speakers System



BLAUPUNKT BPS-E650C Component Speakers System User Manual

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BLAUPUNKT BPS-E650C Component Speakers System



Product Information

Specifications

- **Model:** BPS-E650C / BPS-X65P
- **Speaker Type:** Component Speakers System
- **Driver Size:** 6.5 inches
- **Cone Material:** PP Rubber (BPS-E650C) / Carbon Fiber Rubber (BPS-X65P)
- **Tweeter Size:** 2.4 inches (61mm) Silk
- **Power Handling:** 60W RMS / 30W RMS (BPS-E650C) | 70W RMS / 35W RMS (BPS-X65P)
- **Frequency Response:** 55Hz – 20,000Hz
- **Sensitivity:** 85.1dB (BPS-E650C) | 88.2dB (BPS-X65P)

Product Usage Instructions

Wiring

Attenuation switch for the tweeter volume (0dB, 3dB and 6dB) –

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.

Frequently Asked Questions (FAQ)

- **Q: Can these speakers be installed by a non-professional?**

A: While it is possible for a non-professional to install these speakers, BLAUPUNKT recommends professional installation for optimal results and to prevent any damage to the vehicle or the speakers.

- **Q: What is the difference between BPS-E650C and BPS-X65P?**

A: The main differences lie in the cone material, power handling, and sensitivity of the speakers. BPS-E650C features a PP Rubber cone, 60W RMS power handling, and a sensitivity of 85.1dB, while BPS-X65P features a Carbon Fiber Rubber cone, 70W RMS power handling, and a sensitivity of 88.2dB.

Component Speakers System

- **E-Series** BPS-E650C
- **X-Series** BPS-X65P

BP Americas Corp.

9590 NW 40th St Road Doral, FL 33178

Specifications

Model:

BPS-E650C

BPS-X65P

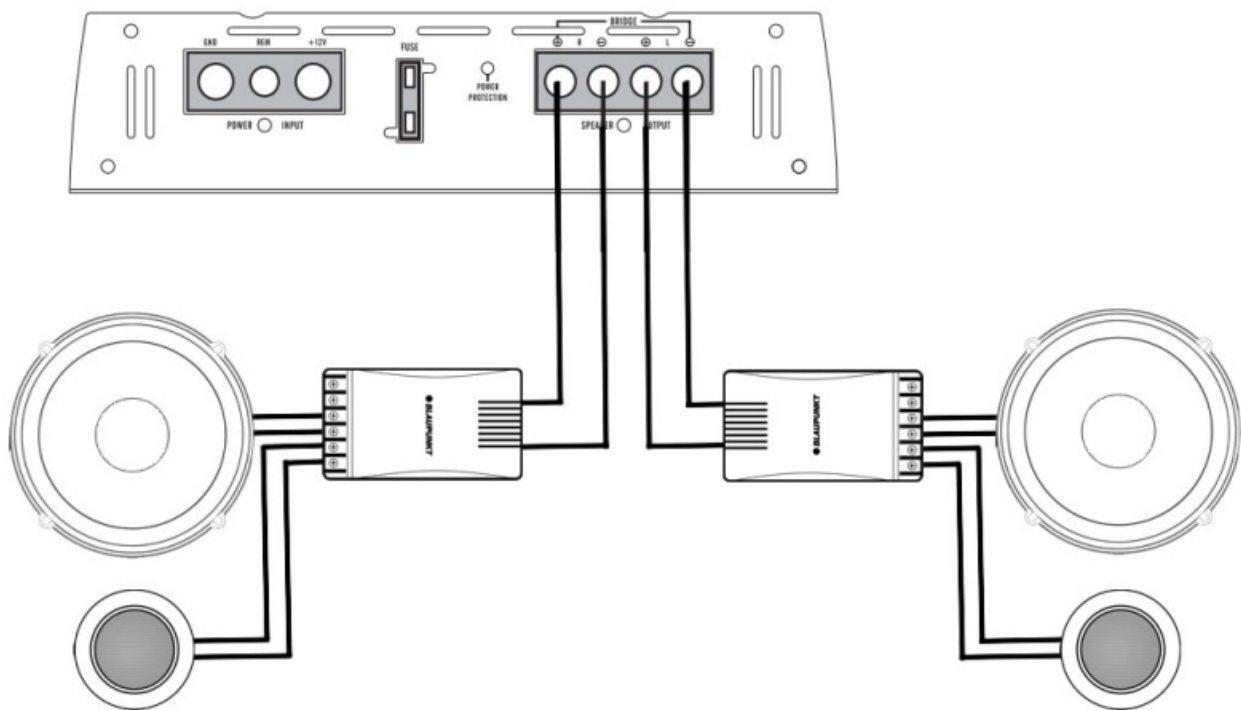
- Speaker Design
 - 6.5" component
 - 6.5" component
- Woofer [in, mm]
 - 6.5in 165mm
 - 6.5in 165mm
- Woofer Material
 - PP
 - Carbon Fiber
- Woofer Surround Material

- Rubber
- Rubber
- Tweeter [in, mm]
 - 2.4in 61mm
 - 2.4in 61mm
- Dome Material
 - Silk
 - Silk
- Peak Power
 - 60W
 - 70W
- Recommended Amplifier Power [Watts RMS]
 - 30W
 - 35W
- Effective Frequency Range [Hz]
 - 55~20000Hz
 - 50~20000Hz
- Woofer Mounting Hole Diameter [in, mm]
 - 5.59in 142mm
 - 5.59in 142mm
- Top Mount Depth [in, mm]
 - 1.10in 28mm
 - 1.26in 32mm
- Bottom Mount Depth [in, mm]
 - 2.28in 58mm
 - 2.28in 58mm
- Flush Mounting Tweeter Hole Diameter
 - 2.09in 53mm
 - 2.09in 53mm
- Flush Mounting Tweeter Depth [in, mm]
 - 0.91in 23mm
 - 0.91in 23mm
- High Pass [dB] @ Hz
 - 12dB, 4000Hz
 - 12dB, 4000Hz
- Low Pass [dB] @ Hz
 - 12dB, 4000Hz
 - 12dB, 4000Hz
- High Frequency Output Attenuation [dB]
 - 0, 3&6
 - 0, 3&6
- Bolt Through Grills – Yes or No
 - Yes

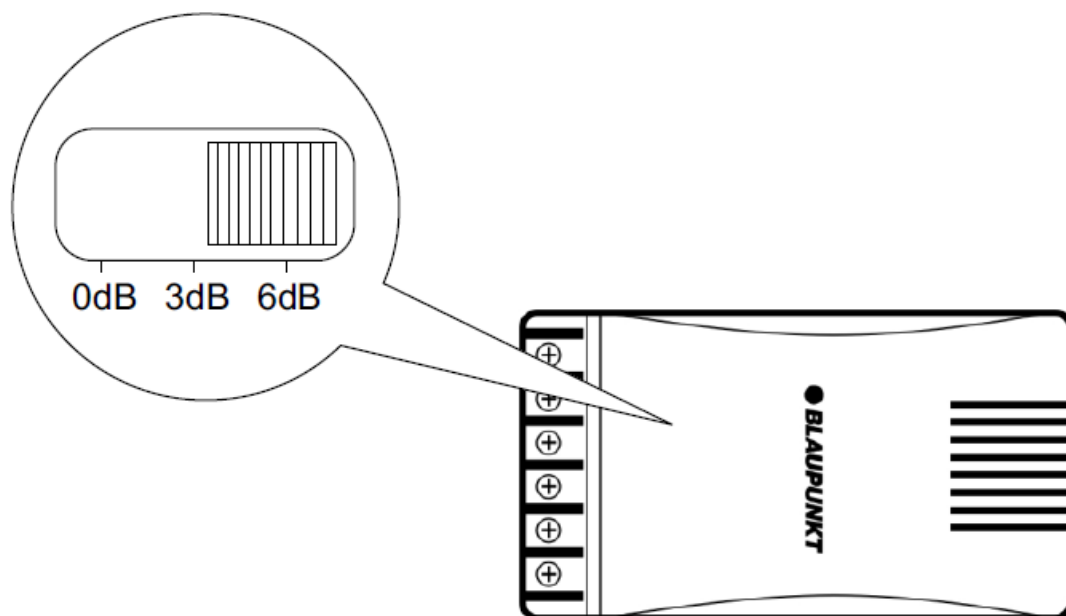
- Yes
- $Z_n [\Omega]$
 - 4.1ohm
 - 4ohm
- $R_e [\Omega]$
 - 3.2ohm
 - 3.7ohm
- $Splo [dB] @ 1W, 1M$
 - 85.1dB
 - 88.2dB

WIRING

- One component set per channel
- At least two amplifier channels are needed for stereo operation
- **Total Impedance:** 4 ohms




- Attenuation switch for the tweeter volume (0dB, 3dB and 6dB)



MOUNTING

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Documents / Resources

	<p>BLAUPUNKT BPS-E650C Component Speakers System [pdf] User Manual BPS-E650C Component Speakers System, BPS-E650C, Component Speakers System, Speakers System, System</p>
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References

- [User Manual](#)

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