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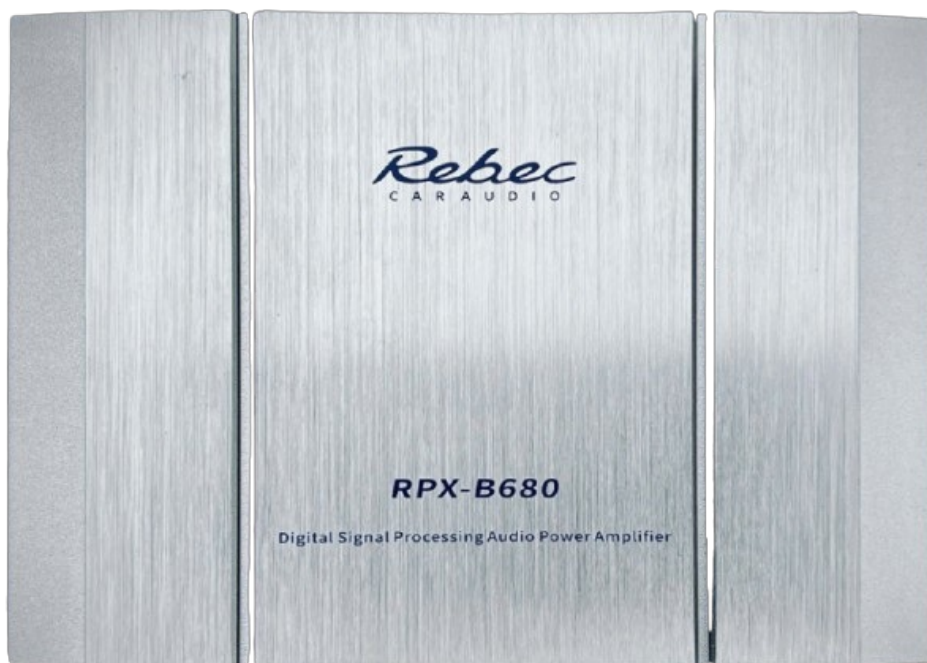
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*Rebec*

**Rebec RPX-B680 Digital Signal Processing Amplifier**



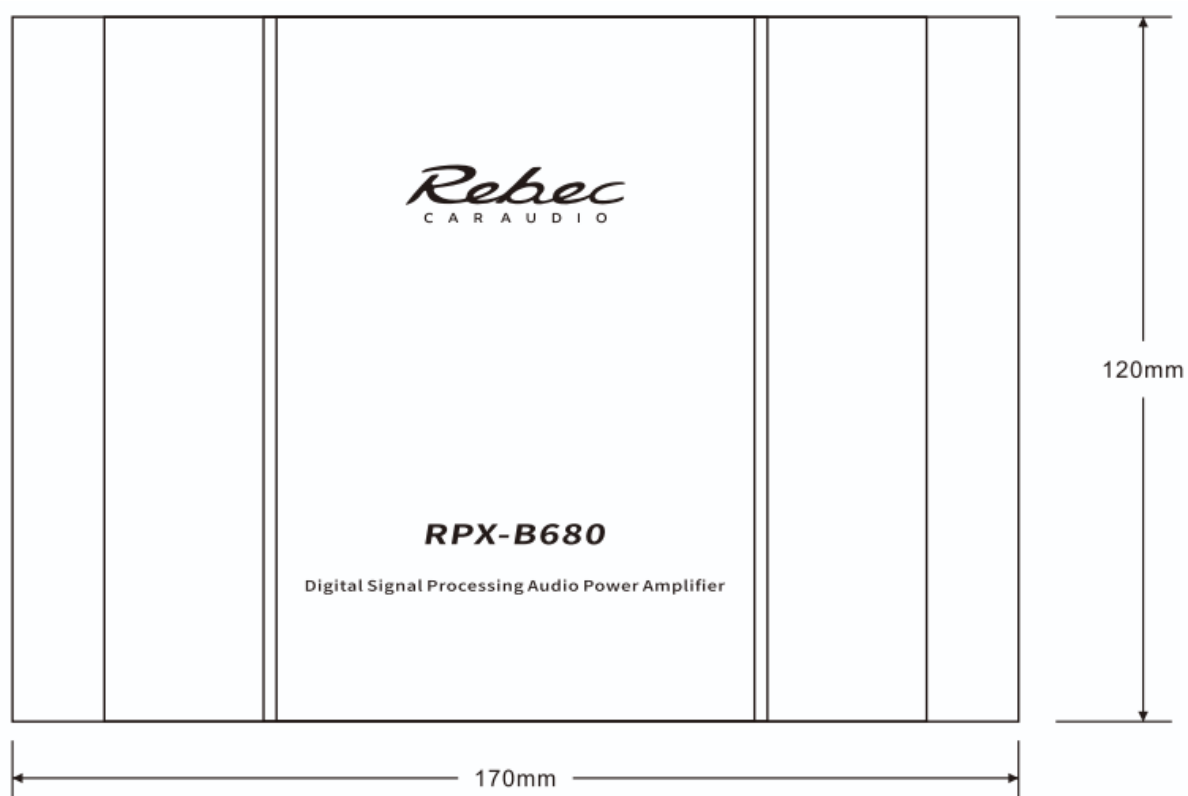
## Overview

The RPX-B680 and RPX-B480 are digital signal processing audio power amplifiers designed for car audio systems.

## Specifications

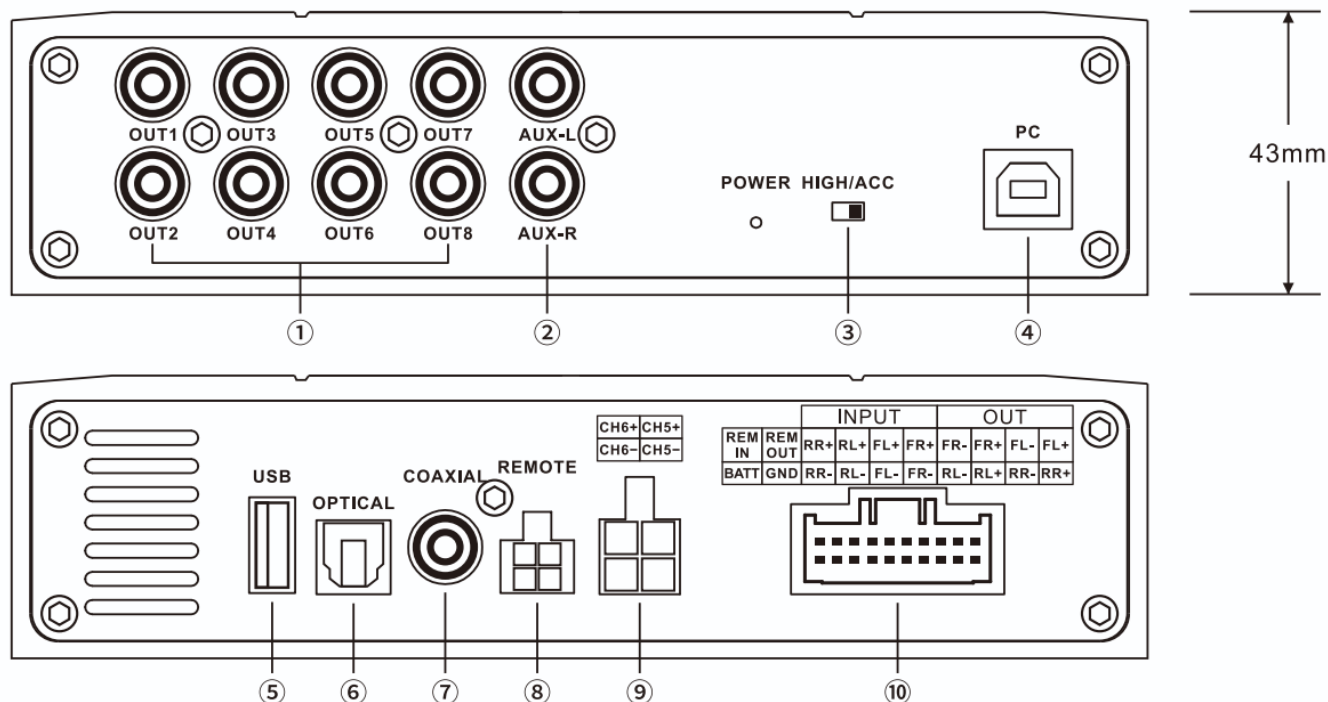
Specification	RPX-B680	RPX-B480
Dimensions	170mm x 120mm x 43mm	170mm x 120mm x 43mm
Output Power ( MAX)	65W x 4ch + 50W x 2ch	65W x 4ch
Frequency Res ponse	20Hz~20KHz	20Hz~20KHz
DSP Frequenc y Sampling	192KHz	192KHz
Signal to Noise Ratio	105dB	105dB
Total Harmonic Distortion	<0.01% (low level output), <0.03 % (high level output)	<0.01% (low level output), <0.03 % (high level output)

Bluetooth Version	Bluetooth 5.0	Bluetooth 5.0
Operating Voltage	10-16 Volts	10-16 Volts
RCA Output Voltage	2.35 Volts	2.35 Volts



## Dimensions & Terminals

1. Low Level Output
2. Low Level Input
3. Activate Selection Button: ACC or HOST
4. Computer Connection Port
5. USB Playback Port
6. Optical Input
7. Coaxial Input
8. Control Panel Connection Port
9. High Level Output
10. Dedicated Docking Port



## Bluetooth Connection Tutorial

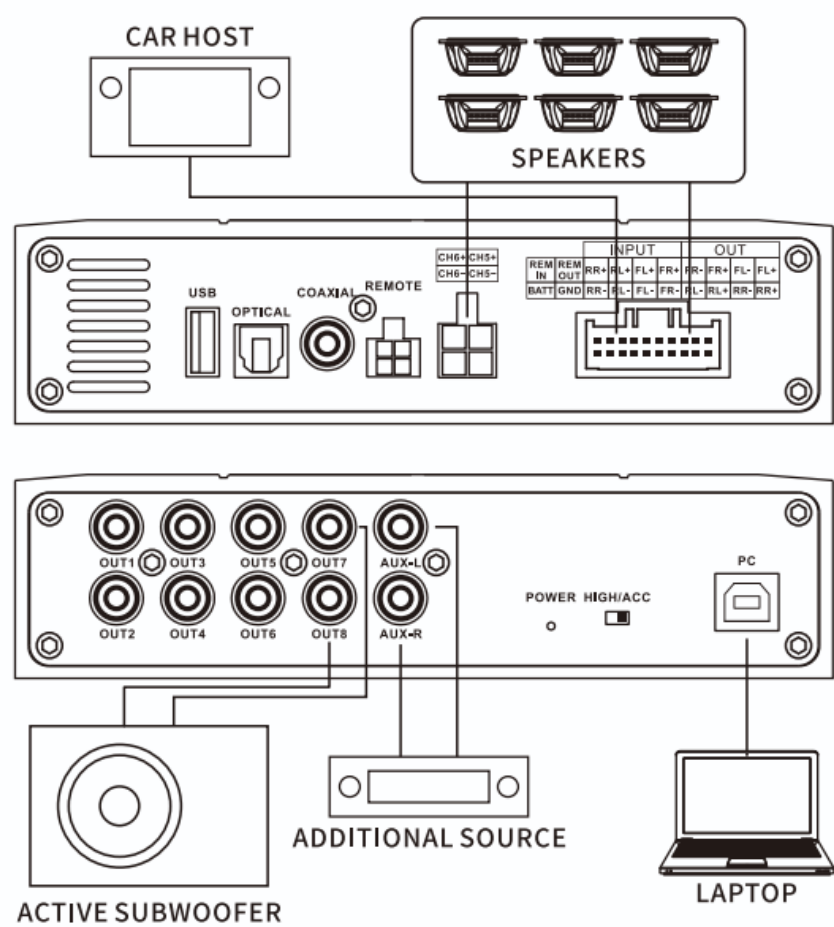
When the amplifier is in working mode, the phone can search for the device name "CAR\_DSP\_C5.2" through Bluetooth function, and click this option to perform Bluetooth pairing.

## INSTALLATION TIP

- It is forbidden to dismantle and change the product by oneself. disassembly and modification of the product may cause accidents, fire or electric shock.
- This product is recommended for use in automotive environments with a DC voltage range of 12-14.4 v beyond which failure may occur.
- Before wiring, be sure to disconnect the cable from the Power Terminal First, other-wise it is easy to cause short circuit and cause fire.
- Do not use the screws and nuts in the brake system when installing and grounding cables. This will cause the brake system to fail and cause an accident.
- Protect the cable from damage caused by pulling, cutting and short-circuiting.

## Connection Indicator Diagram

The diagram shows connections for car host, speakers, active subwoofer, additional source, and laptop, indicating the input and output ports on the amplifier.



Input	USB lossless playback
	2-channel low level input
	4-channel high level input
	Optical input
	Coaxial Input
Output	6-channel high level output
	8-channel low level output
RCA Output Voltage	2.35Volts

Output Power(MAX)	65W×4ch+50W×2ch
Frequency Response	20Hz~20KHz
DSP Frequency Sampling	192KHz
Signal to Noise Ratio	105dB
Total Harmonic Distortion	<0.01% (low level output)
	<0.03% (high level output)
Bluetooth Version	Bluetooth 5.0
Operating Voltage	10-16 Volts

## FAQ

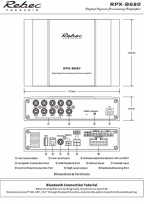
**How do I connect my phone via Bluetooth?**

**Search for the device name CAR\_DSP\_C5.2 through Bluetooth and select it to pair.**

**What is the operating voltage range?**

**The amplifier operates between 10-16 Volts.**

## Documents / Resources

	<p><a href="#">Rebec RPX-B680 Digital Signal Processing Amplifier [pdf]</a> Owner's Manual</p> <p>RPX-B480, RPX-B680 Digital Signal Processing Amplifier, RPX-B680, Digital Signal Processing Amplifier, Signal Processing Amplifier, Processing Amplifier, Amplifier</p>
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## References

- [User Manual](#)

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🔍 Amplifier, Digital Signal Processing Amplifier, Processing Amplifier, Rebec, RPX-B480, RPX-B680, RPX-B680 Digital Signal Processing Amplifier, Signal Processing Amplifier

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