

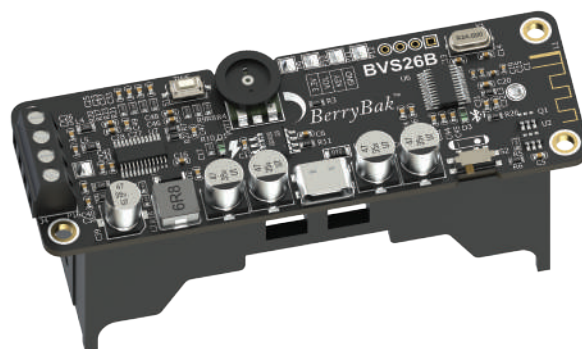
BVS26B

2x6W Bluetooth 5.0 Stereo Amplifier Board with 26650 Battery Socket.

The BVS26B is a compact and powerful audio amplifier board that is capable of delivering stereo sound with a total output power of 12 watts (2 x 6 watts).

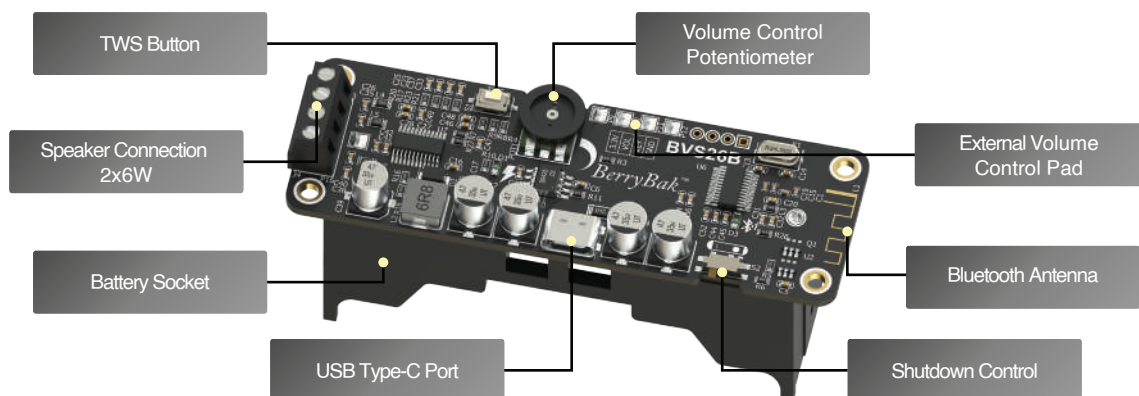
Features:

- Compact Size and Light Weight
- Supporting TWS for Wireless Connection
- Product's longevity is approximately 7 hours.
- USB Type-C Port for Power

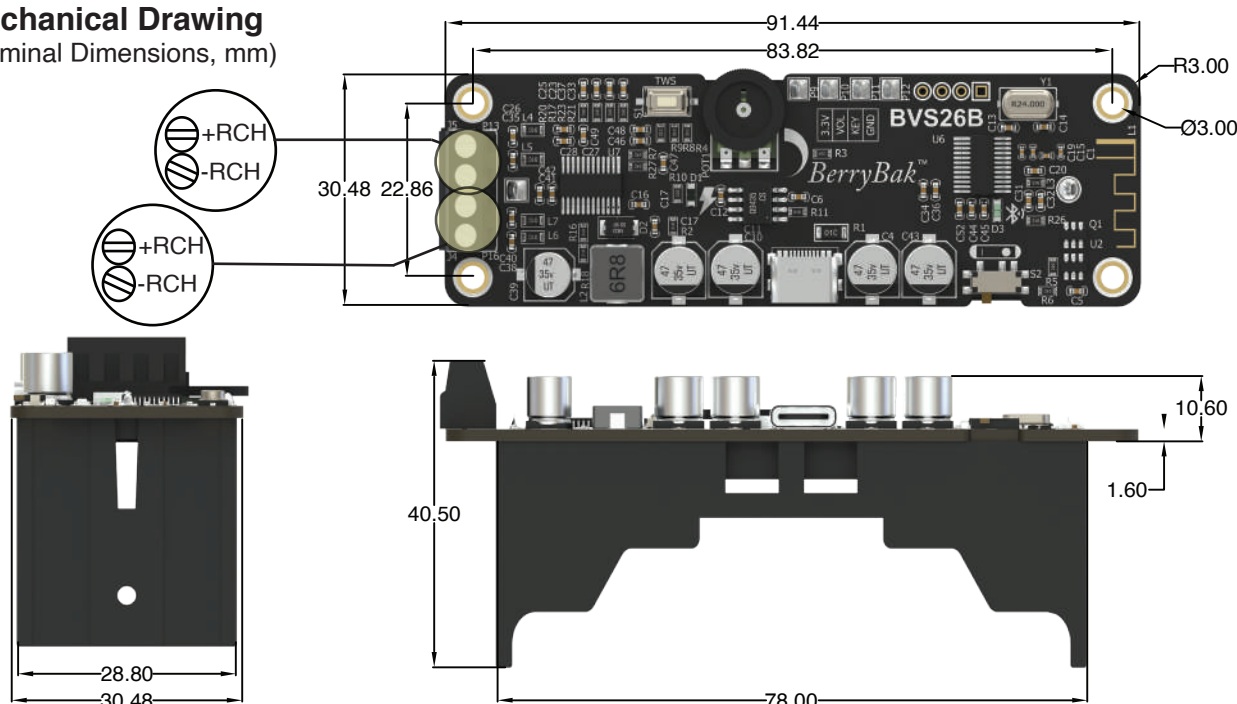


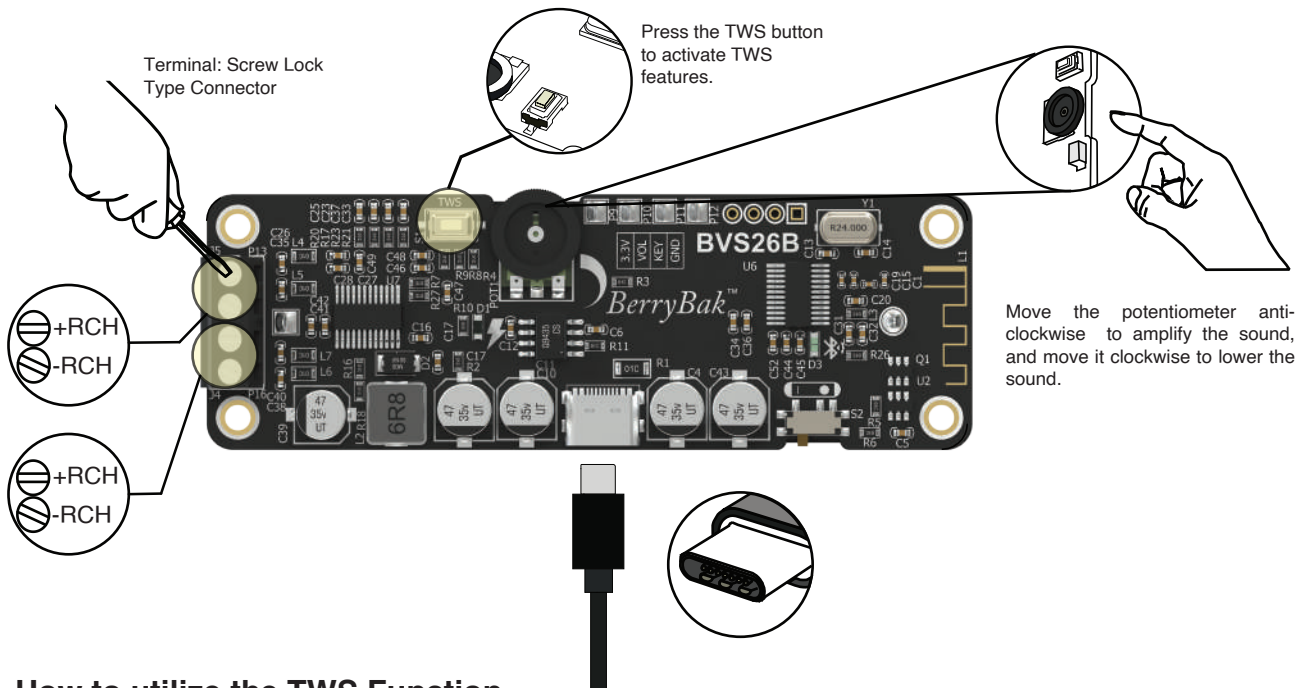
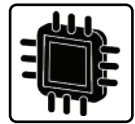
Parameters:	
Bluetooth Version	V5.0
Bluetooth Name	BVS26B
Supply Voltage	USB Type-C DC 5V
Audio Input Source	BT TWS

Parameters:	
Output Channel	2.0CH Terminal: Screw Lock Type
Output Power	6W per each Channel
Product Size	91.44 (w) x 30.48 (d) x 40.50 (h) mm
Weight	26.5g



Mechanical Drawing (Nominal Dimensions, mm)





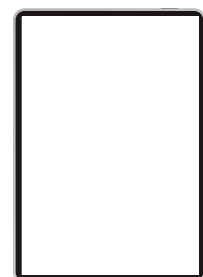
How to utilize the TWS Function

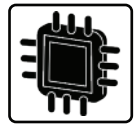
1. Obtain two BVS26B audio amplifier boards.
2. Turn on both amplifier boards. The LED blue light on each board will blink, and you'll hear a sound indicating successful power-on.
3. Simultaneously press the TWS button on both BVS26B boards until you hear a different sound.
4. Release your finger from the TWS button after hearing the sound to activate TWS mode.
5. Observe the BVS26B boards to ensure certainty. One board's blue LED light will blink, while the other will remain lit.
6. On your mobile phone, open Bluetooth settings and connect to one of the BVS26B boards. Play the "LR1kHz 3 second.mp4 - 10 hours" file.
7. Pay close attention to the 1kHz sound and the left and right channels. You should hear the sound from the left channel on the left side of the BVS26B board and the sound from the right channel on the right side of the BVS26B board.



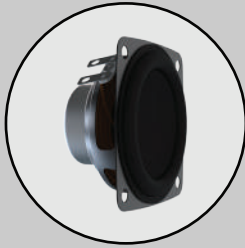
Audio Source Device(s)

- Smartphone, laptop, personal computer, tablet and etc.

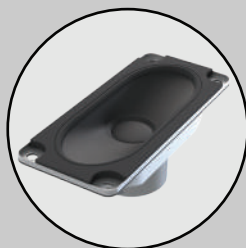




Suggested Speaker


SUFR4004

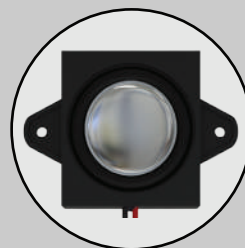
- 4 Ohm 4 Watt
- 1.50"x1.50"


SUFR7302

- 8 Ohm 2 Watt
- 2.75"x1.25"


SUPB5005

- 4 Ohm 5 Watt
- 2.00"x2.00"


SUPB2503

- 4 Ohm 3 Watt
- 1.00"x1.00"

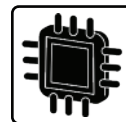
Audio Test Performance

Parts Product BVS26B Electrical Performance Parameters

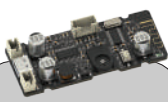





Parameter	Conditions	Min.	Typ.	Max.	Units
Number of Channels	-	-	2	-	-
Minimum Load Impedance	-	-	4	-	Ω
Nominal Power Requirement	@1kHz, 4Ohm	-	2x6	-	W
Operating Voltage	@1kHz, 4Ohm	-	5	-	V
Charging Current	@5V	-	-	1.2	A
Switching Frequency	SD Floating	-	420	-	kHz

Parts Product BVS26B Audio Performance Parameters

Parameter	Conditions		Min.	Typ.	Max.	Units
Output Noise Level	BT Connected@ A-weighting, Input Connected to GND	L&R	-	4	-	uV
	NO BT Connected @ A-weighting, Input Connected to GND	L&R	-	4	-	uV
DC Offset	-		-	5	-	mV

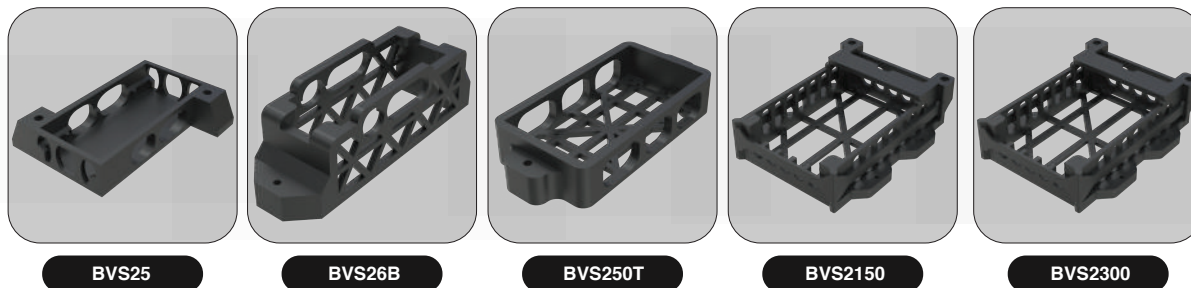


BVS Series Product Overview

					
BVS25	BVS26B	BVS250T	BVS255TB	BVS2150	BVS2300
Output Power 2x5W	Output Power 2x6W	Output Power 2x50W	Output Power 2x50W	Output Power 2x150W	Output Power 2x300W + 2x300W
Power Supply USB Type-C DC 5V	Power Supply USB Type-C DC 5V/ Battery	Power Supply DC 12-19V	Power Supply DC 12-19V	Power Supply DC 15-36V	Power Supply DC 15-48V
BT V5.0 BT TWS	BT V5.0 BT TWS	BT V5.0 BT V5.0	BT V5.0 BT V5.0	BT V5.0 BT V5.0	BT V5.0 BT V5.0
PC UI N	PC UI N	PC UI Y	PC UI N	PC UI Y	PC UI Y

BVS Series Product Accessories

Product accessories can be downloaded on our website. We provide STL files for the purpose of 3D printing. If you have a 3D printer, you can continue to print them on your own. Alternatively, if you don't have a printer, you can send the STL file we provided to a store that offers 3D printing services.



Warranty Terms and Product Usage Restrictions

Berrybak products come with a one-year warranty starting from the date of purchase. Customers are responsible for the cost of returning the goods to the seller, and by making a purchase, you agree to this condition. Due to the nature of DIY products, visible damage or use on screw holes or tinning of solder pads directly invalidates the warranty. Damage caused by the use of incorrect power sources, such as exceeding the specified voltage range or reverse polarity, is not covered under warranty. All Berrybak products undergo thorough testing before shipment. We do not accept bulk returns after a bulk purchase. If you are unsure of the quantity you need, please purchase the appropriate quantity as needed. All Berrybak products are intended for DIY use only and do not support any industrial applications. The rated operating temperature range is 0-40°C. Please refrain from using Berrybak products in industrial or any special industrial environments. If you require products tested for industrial operating temperature ranges, we recommend seeking products clearly labeled to support operating ranges such as -20-65°C or -40-85°C.

Designed by:

BerryBak™

Berrybak Sdn. Bhd. (1326482-V)
No.58, 7-2, Jalan Cantonment,
Wisma Fortune Heights,
10250 George Town, Pulau Pinang.

+04-2189323 | service@berrybak.com

(Please use phone calls or email instead of WhatsApp or iMessage.)

To view our products and purchase, please check the Taobao or Aliexpress website by searching for the product name (example: BVS25).

Bulk Purchase Rights

All rights for bulk purchases are limited to the quantity purchased in a single transaction and are not related to the annual or cumulative purchase quantity. Due to cost considerations, any customization and pricing are determined based on the quantity purchased in a single transaction. Retail purchases can only be made through Taobao and AliExpress platforms, and there are no other purchasing channels. The listed prices visible on the platform are the retail prices, which may fluctuate at any time.

For purchases that meet the minimum quantity of 100 units, you can find the bundled price for 100 units of the product on Taobao and AliExpress platforms. We do not provide any form of modification to existing products or additional price discounts for quantities below 500 units. The bundled price for quantities of 100 units may vary.

For purchases that meet the minimum quantity of 500 units, you can send an email to our contact mailbox to customize the PCB color and silk screen for products with enclosures, and have your brand logo placed on the PCB or enclosure. Berrybak does not provide any other form of customization services such as changing PCB dimensions or adding/removing ports. There is a standard price list for purchases of 500 units or more, which can be requested from our contact mailbox. You can sell at a price you deem appropriate, but there is not a significant difference between the bulk price and the bundled price based on 100 units.

Origin and Design Location

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