

ZK-502H ZK-502M ZK-1002M 50WX2 100WX2 Mini 2.0 Stereo Bluetooth 5.0 Digital Power Amplifier Board Audio AMP Amplificador Module

ZK-502H Description: Product name: HIFI level 2x50W Bluetooth 5.0 power amplifier module Product model: ZK-502H Chip solution : TPA3776D2 (with AM interference suppression function) Audio input: Bluetooth + AUX + U disk + computer USB sound card (plug and play) Adapter power supply: 9-24V (high voltage is recommended for high power) Adapter speaker : 10-100W; 4-8Ω Number of channels : Left and right two channels (stereo) Bluetooth version : 5.0 (>15 meters, unobstructed) Bluetooth name : wuzhi Audio Protection mechanism : overvoltage, undervoltage, overheating, DC detection, short circuit protection Product size : 60x60x29mm Product weight: about 104g (including packaging) Tips: There will be enough output power only when the audio input is enough and the power supply/current is enough. The higher the power supply voltage, the higher the relative power, and speakers with different impedances will have different output powers. In the case of sufficient voltage and current, the greater the ohms of the speaker, the lower the relative sound power, please pay attention! Power supply voltage: 12V-8 ohms / 12W (left channel) + 12W (right channel), 4 ohms / 20W + 20W 15V-----8 ohms/18+18W, 4 ohms/30+30W 19V-----8 ohm/32+32W, 4 ohm/40+40W 24V-----8 ohm/38+38W, 4 ohm/50+50W

ZK-502M Description: Product name: MINI2*50W Bluetooth 5.0 power amplifier module Product model: ZK-502M Chip scheme: domestic power amplifier chip Audio input: Bluetooth + AUX + U disk + computer USB (plug and play) Adapter power supply: DC5-24V (high voltage is recommended for high power) Adaptation speaker: 10-100W; 4-8Ω Number of channels: left and right dual channels (stereo) Bluetooth version: 5.0 (>15 meters, unobstructed) Bluetooth name: Wuzhi Audio Protection mechanism: overheating, overcurrent, short circuit protection Product size: 60x60x29mm Product weight: about 96g (including packaging) Tips: There will be enough output power only when the audio input is enough and the power supply/current is enough. The higher the power supply voltage, the higher the relative power, and speakers with different impedances will have different output powers. In the case of sufficient voltage and current, the greater the ohms of the speaker, the lower the relative sound power, please pay attention! Voltage: 12V-----8 ohms/12W+12W, 4 ohms/20W+20W 15V-----8 ohms/18W+18W, 4 ohms/30W+30W 19V-----8 ohms/30W+30W, 4 ohms/40W+40W 24V-----8 ohms/40W+40W, 4 ohms/50W+50W

ZK-1002M Description: Product name: MINI 2*100W Bluetooth 5.0 power amplifier module Product model: ZK-1002M Chip scheme: domestic power amplifier chip Audio input: Bluetooth + AUX + U disk + computer USB (plug and play) Adapter power supply: DC5-24V (high voltage is recommended for high power) Adapted speakers: 20-200W; 4-8Ω Number of channels: left and right dual channels (stereo) Bluetooth version: 5.0 (>15 meters, unobstructed) Bluetooth name: Wuzhi Audio Protection mechanism: over current, over heat, short circuit protection Product size: 60x60x29mm Product weight: about 104g (including packaging) Tips: There will be enough output power only when the audio input is enough and the power supply/current is enough. The higher the power supply voltage, the higher the relative power, and speakers with different impedances will have different output powers. In the case of sufficient voltage and current, the greater the ohms of the speaker, the lower the relative sound power, please pay attention! Voltage: 12V-----8 ohms/20W+20W, 4 ohms/40W+40W 15V-----8 ohms/35W+35W, 4 ohms/60W+60W 19V-----8 ohms/55W+55W, 4 ohms/80W+80W 24V-----8 ohms/70W+70W, 4 ohms/100W+100W

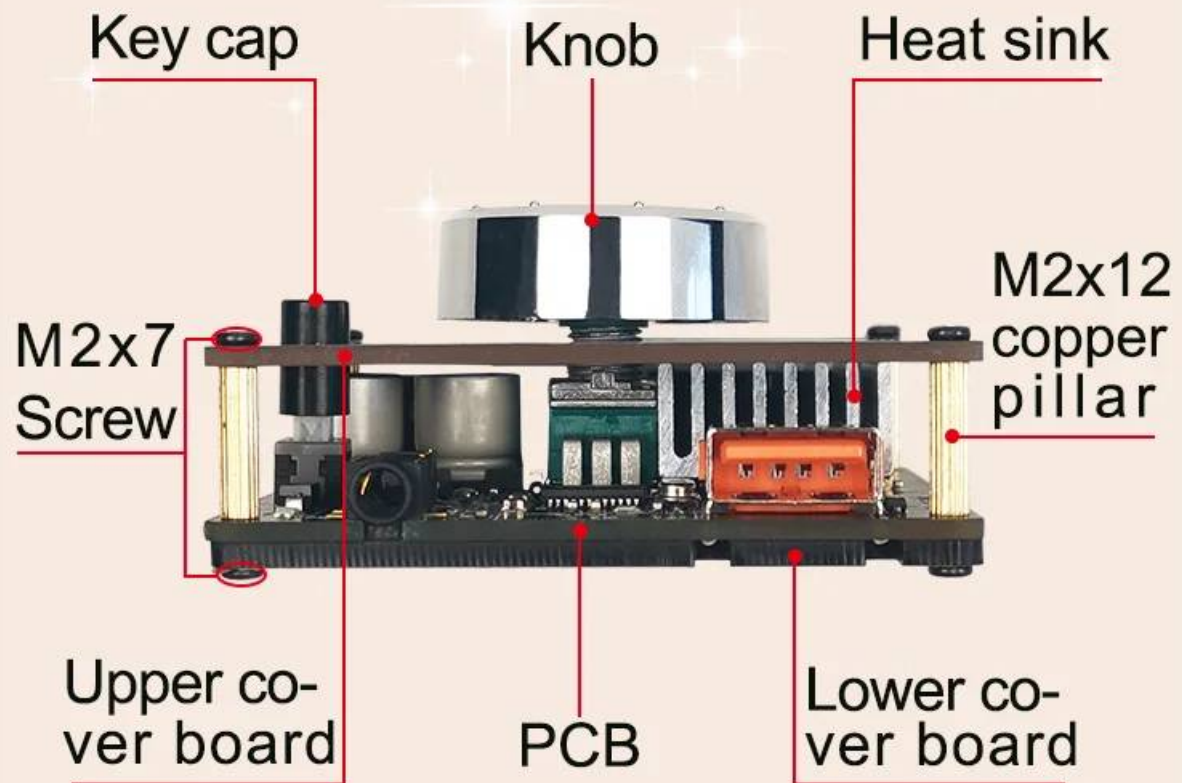
Bluetooth amplifier module selection table

Model	502M MINI	502H HIFI	1002M MINI
Picture			
Feature	1、 Domestic chip 2、 Unfiltered, standard sound quality	1、 Imported chip 2、 With filter, high performance filter , HIFI sound quality	1、 Domestic chip 2、 Unfiltered, general filter, high quality sound quality
Audio input	Bluetooth+AUX+U-SB flash disk+Computer USB	Bluetooth+AUX+U-SB flash disk+Computer USB	Bluetooth+AUX+U-SB flash disk+Computer USB
Power	50W*2	50W*2	100W*2
Cooling fin	Large	Large	Large
Speaker	10~100W;4~8Ω	10~100W;4~8Ω	20~200W;4~8Ω
Protection	Overheat,Overcurrent、 Short circuit	overvoltage, undervoltage, overheating, DC detection, short circuit protection	Overheat,Overcurrent、 Short circuit
Size	60*60*29mm(shell)	60*60*29mm(shell)	60*60*29mm(shell)
Weight	60g(shell)	68g(shell)	66g(shell)

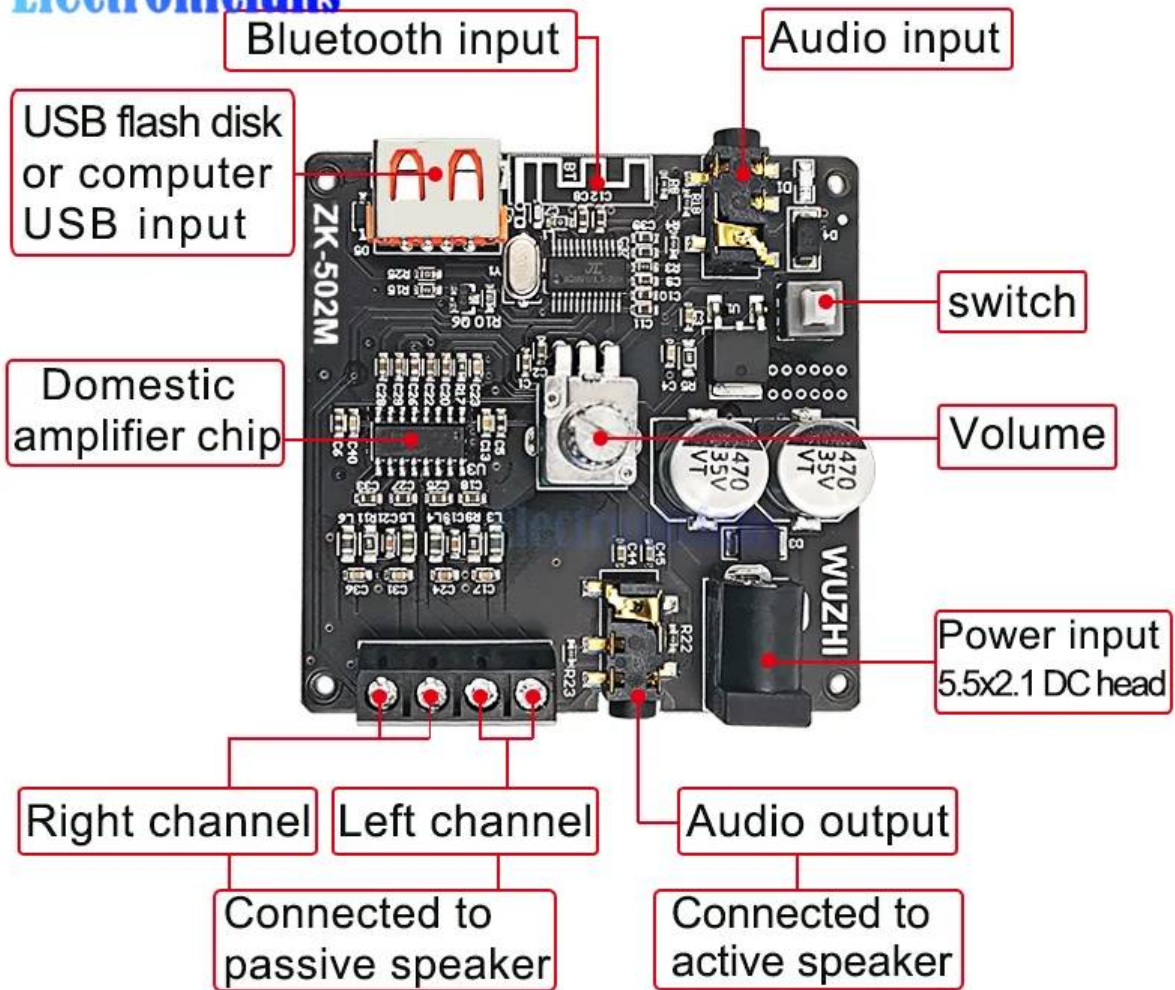
Product Parameters

Product Name	MINI 2*50W Bluetooth5.0 power amplifier module
Product model	ZK-502M
Chip model	Domestic amplifier chip
Audio input	Bluetooth+AUX+USB flash disk+Computer USB(plug and play)
Power Supply	DC5-24V(high power recommended high voltage)
Adapter speaker	10-100W;4-8Ω
Channels	left and right stereo (stereo)
Bluetooth version	5.0(>15 meters without occlusion)
Bluetooth name	Wuzhi Audio
Protection mechanism	Overheat, Overcurrent, short circuit protection
Product size	60x60x29mm
Product weight	about 96g(packaging)
Tip: To have enough output power if the audio input is sufficient and the supply voltage/current is sufficient. The power supply voltage is higher and the relative power will be larger. The speakers with different impedances will have different output power. In the case of sufficient voltage and current, the larger the ohms of the horn, the smaller the relative sound power. Please pay attention!	
Power supply voltage: 12V-----8Ω/12W+12W,4Ω/20W+20W 15V-----8Ω/18W+18W,4Ω/30W+30W 19V-----8Ω/30W+30W,4Ω/40W+40W 24V-----8Ω/40W+40W,4Ω/50W+50W	

Installation Diagram



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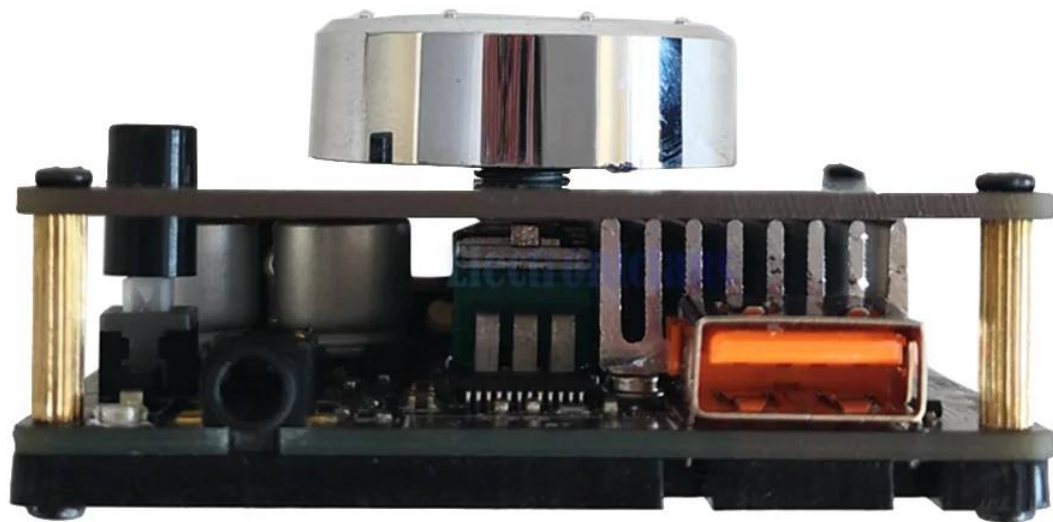


Note: Passive speakers and active speakers can only choose one
Usb flash drive file system must be FAT32, maximum support 32GB

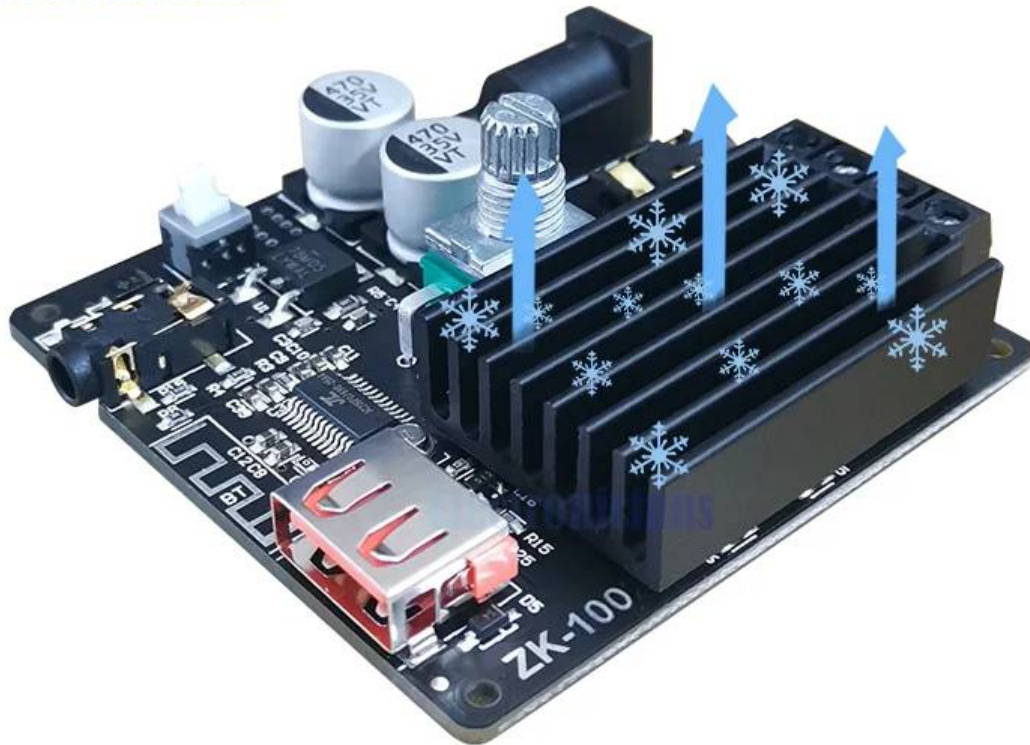
Electronicfans



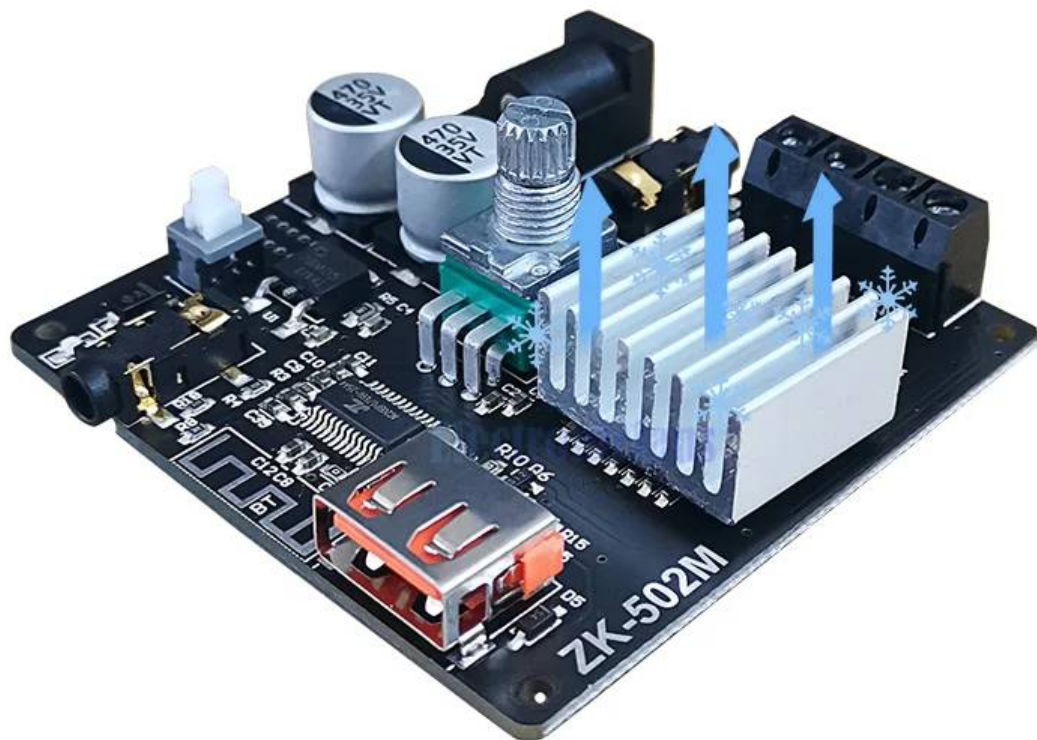
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Electronicfans



Large heat sink
36mm*25mm*10mm



Large heat sink
18mm*20mm*10mm

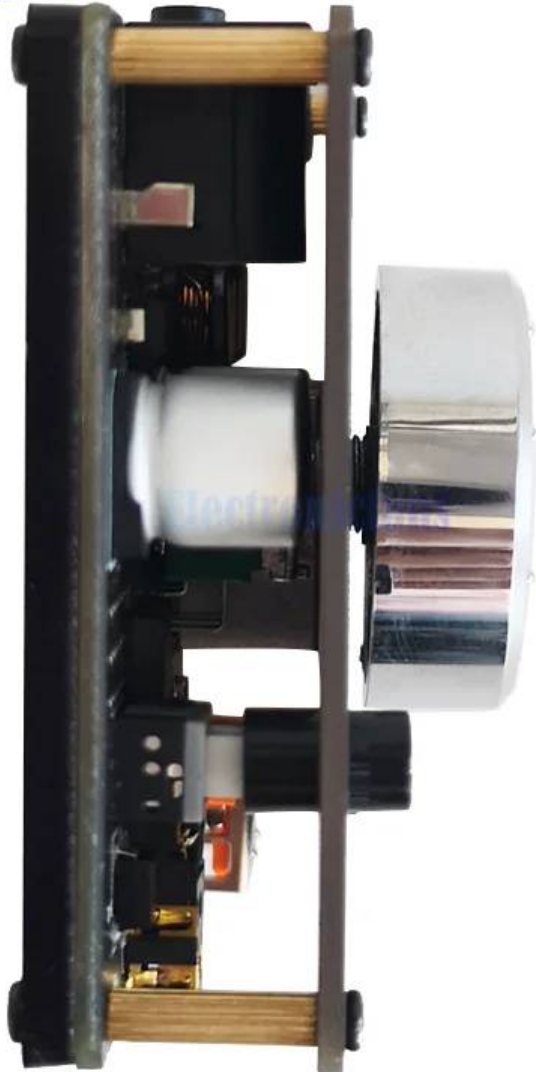
Electronics



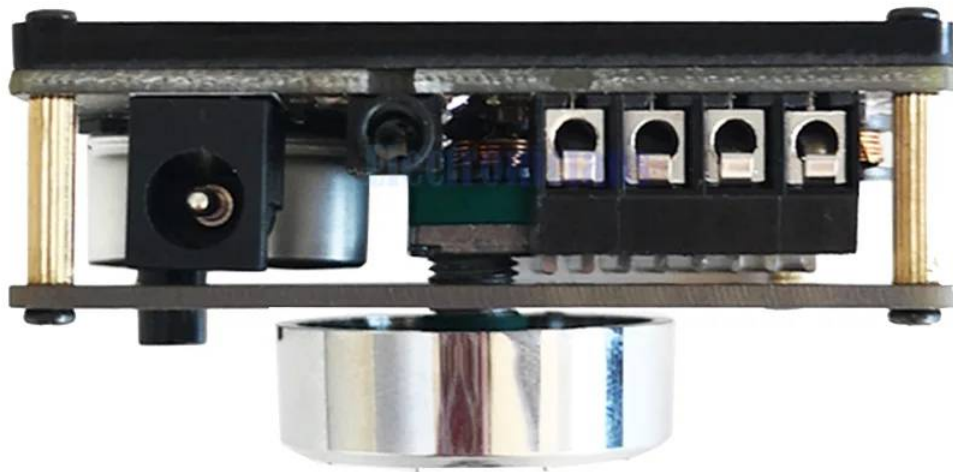
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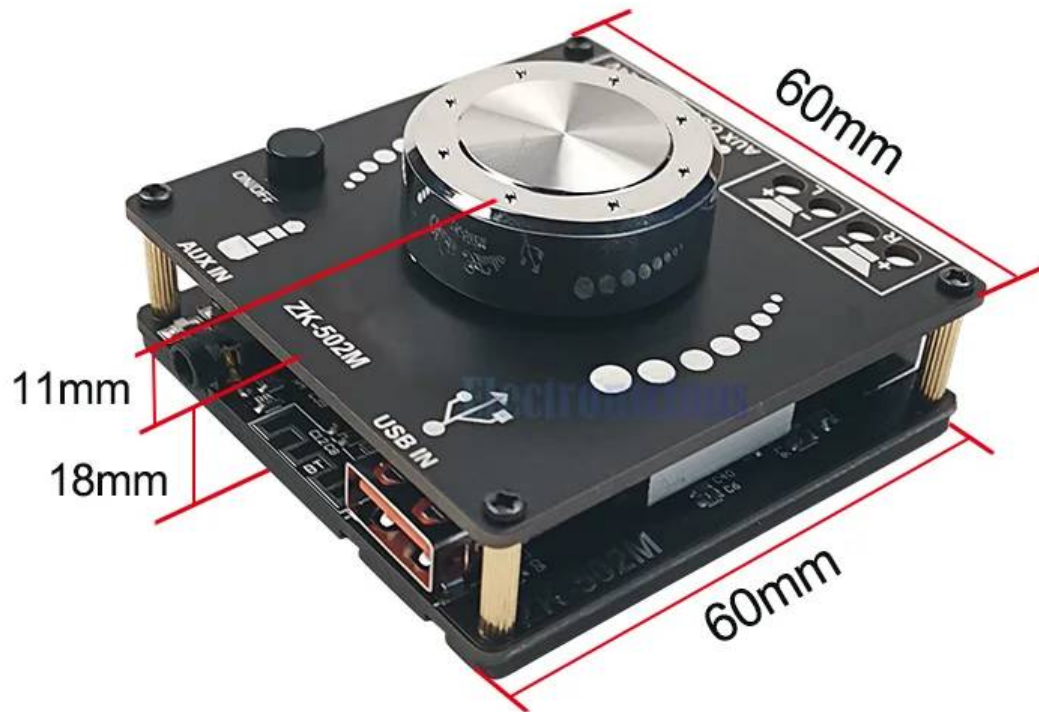
Electronicfans



Electronicfans



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Net weight: about 60g

Weight: about 96g(packaging)

SHOPPING GUIDE



PAYMENT



SHIPMENT

Shipping Method	Courier	Shipping Time
Express Shipping	DHL Express	About 3-10 days
	EMS Shipping	About 3-10 days
Standard Shipping (for order over USD5)	Aliexpress Standard Shipping	About 20-45 days
	Registered Air Mail(china post/e packet-only for USA)	About 40-60 days
Economy Shipping (for order under USD5)	Economy Post(finland economy/ SG economy/China economy)	About 40-60 days

FEEDBACK



If you have any problems about the order, please feel free to contact us.

Item as described : ★★★★★ 5 STAR
Communication : ★★★★★ 5 STAR
Shipping speed : ★★★★★ 5 STAR

If satisfied with our products, kindly leave a 5-star rating and share with your friends.