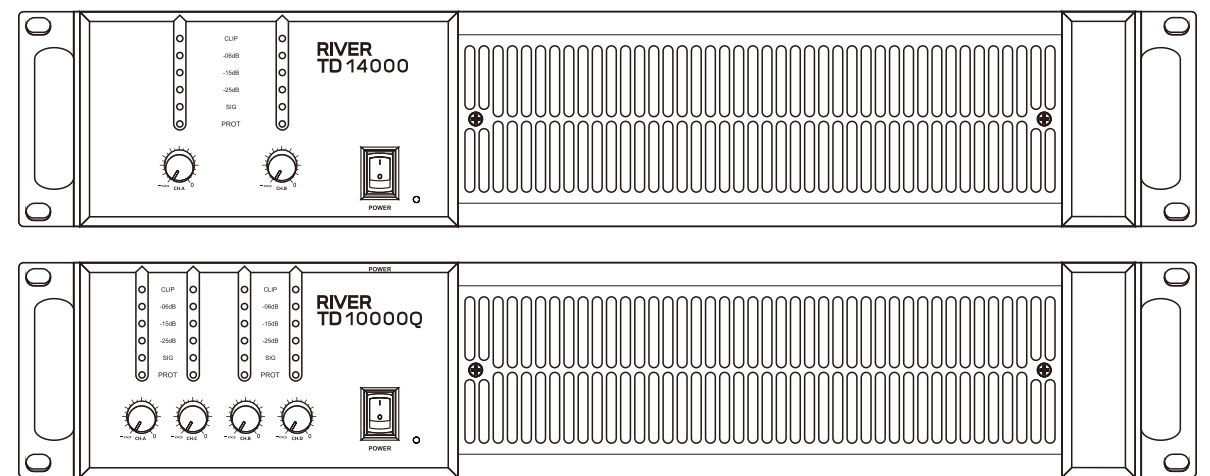


Professional Audio Power Amplifier

USER MANUAL



Before using this product, please read the user manual carefully

Please keep the manual in a safe place for future reference

Specifications

Output power of the test conditions: Output power,1 kHz,0.1% clipping

Model	TD14000	TD10000Q
Channel number	2CH	4CH
8 Ω Output Power/per ch	2350W	1300W
4 Ω Output Power/per ch	4400W	2100W
2 Ω Output Power/per ch	7000W	2500W
8 Ω Bridged Power	8800W	4200W
4 Ω Bridged Power	14000W	5000W
Frequency Response	20 Hz - 20 kHz	
THD+N (8 Ω 1kHz) @ 1/4 Full Power	<0.1%	
Input Sensitivity	23dB, 26dB, 32dB, 35dB, 38dB, 41dB, 44dB	
Net Weight	13.2 kg	14.5 kg
Dimentions	483 x 398 x 89 mm	
Packing Dimentions	600 x 540 x 200 mm	
Rated Operating Voltage	AC220V/50-60Hz (Customizable Input Voltage)	

Specifications are subject to change without notice.

Preface

WELCOME

Thank you for purchasing our Power Amplifier. This manual provides essential information for operation and maintenance of your amplifier. Please read this manual thoroughly before using the amplifier to ensure safe and proper use.

Important Safety Considerations

Read all instructions before using the amplifier. Keep this manual for future reference. Follow all warnings and instructions marked on the product. Electrical Safety Do not expose the amplifier to rain or moisture to prevent fire or electric shock. Ensure the amplifier is properly grounded. Use only the recommended power supply voltage. Handling and Maintenance Do not block ventilation openings. Clean only with a dry cloth. Do not attempt to service the amplifier yourself; refer all servicing to qualified service personnel.

Support and Service

Please feel free to contact nearest dealer or the authorized service center.

Important Safety Notices and Symbol Descriptions

1. Read these regulations.
2. Heed all warnings.
3. Follow these rules.
4. Warning: To avoid fire or electric shock, do not expose the device to rain or moisture. Do not use this device near water.
- 5.If the body needs to be cleaned, only wipe it with a dry cloth.
- 6.Do not block the vents and install according to the manufacturer's instructions.
- 7.Do not install near sources of heat such as radiators, thermal regulators, stoves, or other equipment (including amplifiers).
- 8.This equipment should be connected to an outlet through a protective ground, do not use an outlet with a failed safety ground. If the provided plug does not match your outlet, consult a professional or electrician on how to replace the old outlet.
- 9.Protect cords from being walked on or pinched, paying particular attention to plugs, power sockets, and where they leave the equipment.
- 10.Unplug this equipment during lightning strikes or when not in use for extended periods of time.
- 11.Maintenance by qualified personnel, repairs must be carried out if the equipment is damaged, such as if the power cord or plug is damaged, liquids or objects have been spilled into the equipment, The device has been exposed to rain or moisture, does not work properly, or has been dropped.
- 12.The input level of the amplifier should not exceed the nominal sensitivity value.
- 13.Do not connect the output of one channel of the amplifier to the input of another channel.
- 14.Do not use the output of an amplifier in parallel or in series with the output of another amplifier.
- 15.If the output signal is connected to more than three power amplifiers in parallel, it is recommended to use a signal splitter to ensure that the input signal is not distorted.
- 16.Do not place a liquid container or bare flame on the top of the amplifier.For example,a vase,candle,etc.
- 17.The power plug and power switch can be operated conveniently.
- 18.Connectors marked with a symbol: "⚡" and the external conductors to which these connectors connect are HAZARDOUS LIVE connectors.
- 19.In the electrical facilities of the building, an omnipolar power switch with a separation distance of at least 3mm of each pole contact should be connected.



An exclamation point within an equilateral triangle is a reminder that there are important operating and maintenance (repair) instructions in the owner's manual.



A lightning bolt symbol next to the amplifier output warns the user of the risk of electric shock.potentially hazardous output connectors are marked with a lightning bolt.Do not touch the output terminals while the amplifier is power on.power off the amplifier before making all wiring.



The lightning symbol inside the equilateral triangle is used to warn the user that there is uninsulated dangerous voltage in the product enclosure that may cause an electric shock hazard.



NOTE: To avoid the risk of electric shock, do not remove the cover. There are no user serviceable parts inside. Contact a qualified professional for overhaul.



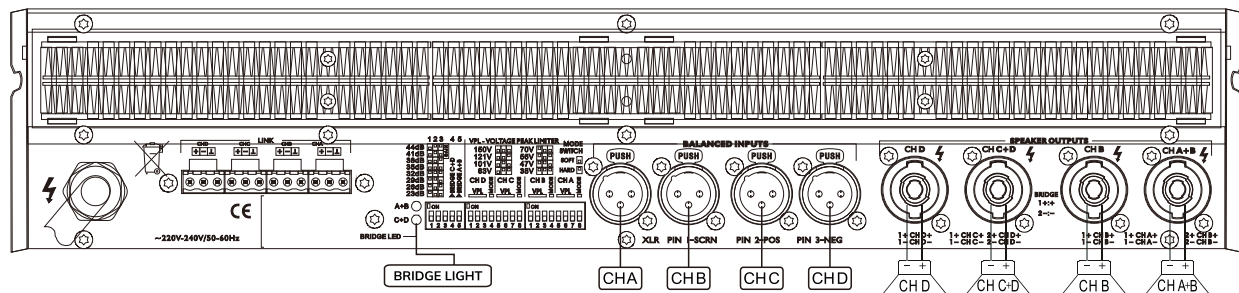
Warning: To avoid fire or electric shock , do not expose the device to rain or moisture.



It is recommended to use at altitudes below 2000m.

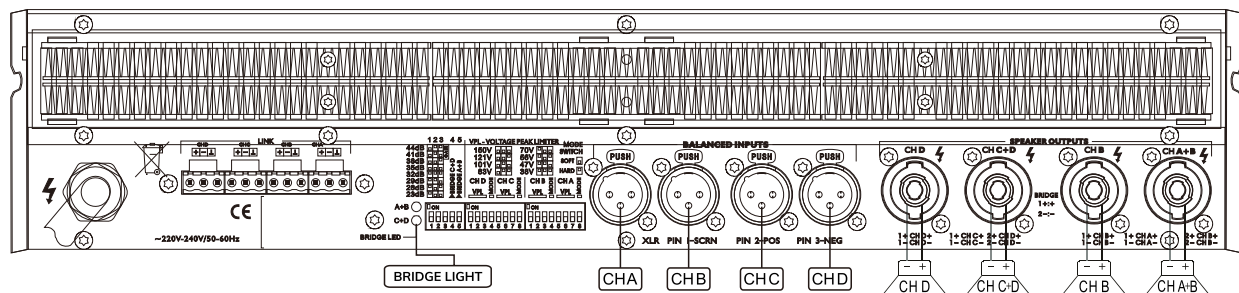
4-Ch rear panel switching instructions

Stereo mode:



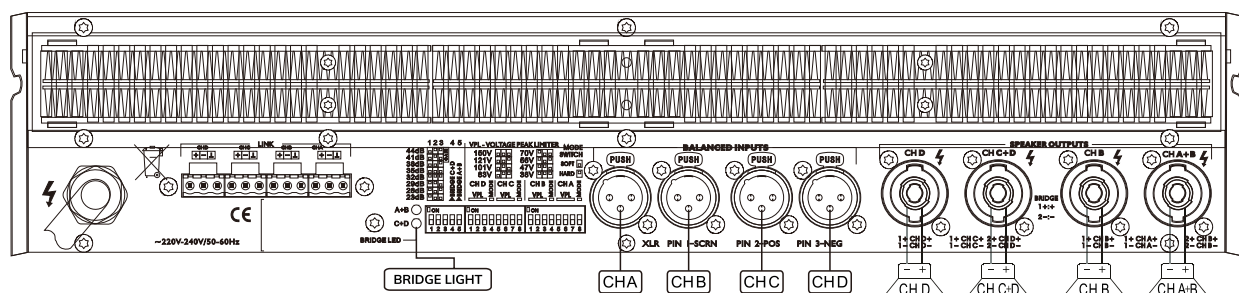
Before setting the mode, be sure to turn off the power amplifier and switch the mode switch (as shown in Figure 1)
In stereo mode, the input signal is controlled by channel A and channel B,the volume is controlled by channel A and channel B,the output power is controlled by channel A and channel B,and so on for other channels.

Parallel mode:



Before setting the mode, be sure to turn off the power amplifier and switch the mode switch (as shown in Figure 2)
In parallel mode, the input signal is controlled by channel A ,the volume is controlled by channel A and channel B,the output power is controlled by channel A and channel B,and so on for other channels.

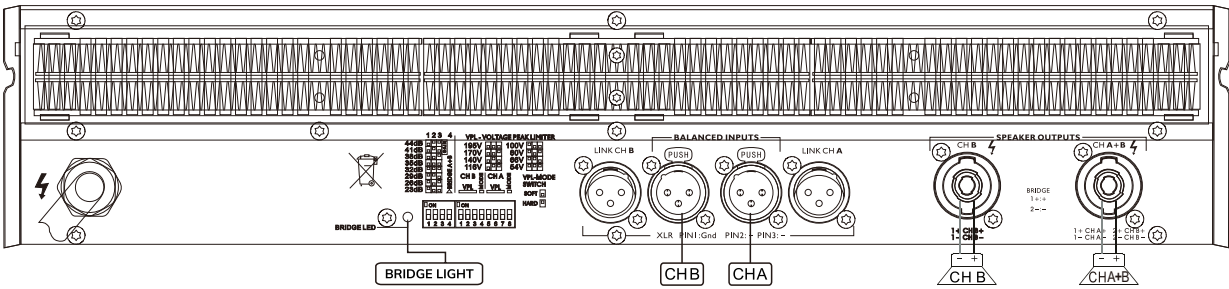
Bridge mode



Before setting the mode, be sure to turn off the power amplifier and switch the mode switch (as shown in Figure 3)
In bridge mode, the input signal is controlled by channel A ,the volume is controlled by channel A ,the output power is controlled by channel A ,and so on for other channels.

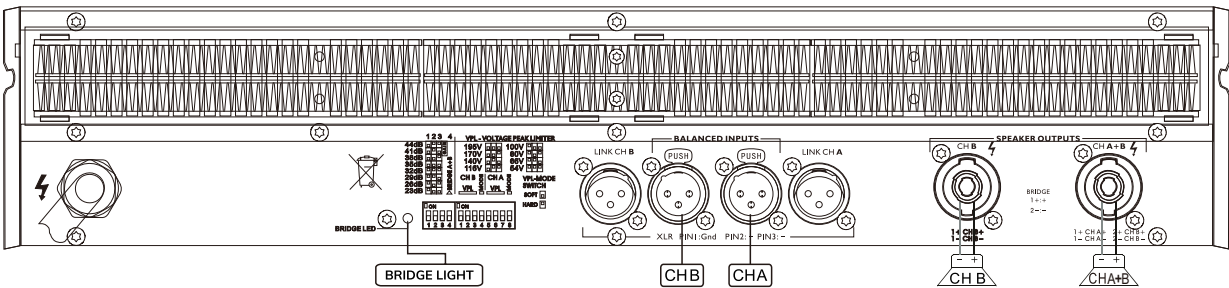
2-Ch rear panel switching instructions

Stereo mode:



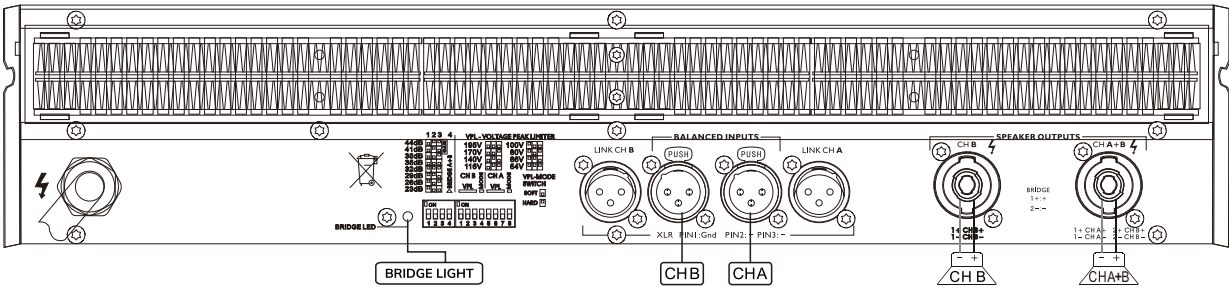
Before setting the mode, be sure to turn off the power amplifier and switch the mode switch (as shown in Figure 1)
In stereo mode, the input signal is controlled by channel A and channel B,the volume is controlled by channel A and channel B,the output power is controlled by channel A and channel B,and so on for other channels.

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Before setting the mode, be sure to turn off the power amplifier and switch the mode switch (as shown in Figure 2)
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Bridge mode



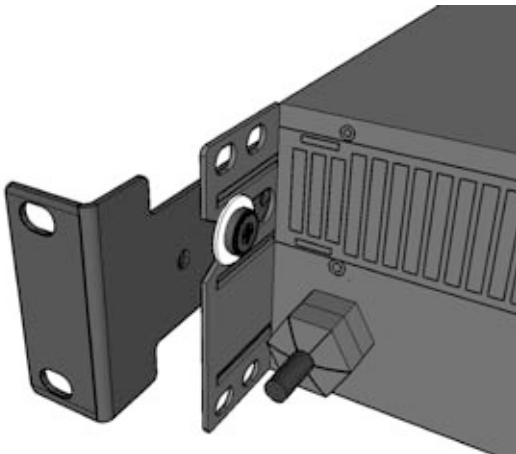
Before setting the mode, be sure to turn off the power amplifier and switch the mode switch (as shown in Figure 3)
In bridge mode, the input signal is controlled by channel A ,the volume is controlled by channel A ,the output power is controlled by channel A ,and so on for other channels.

Install

Cabinet installation

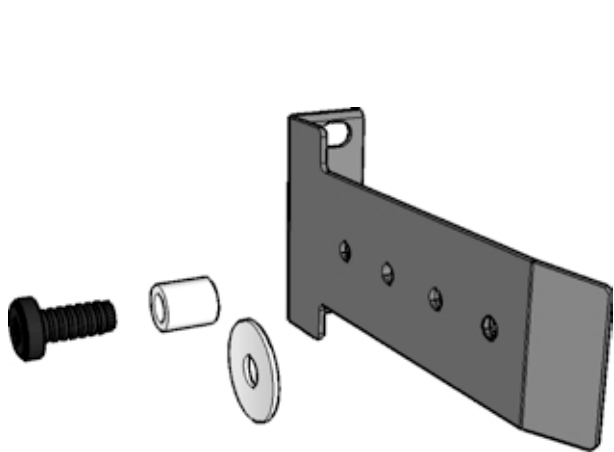
Make sure that the airflow to the amplifier flows from front to back.therefore,do not install anything in front of or behind the amplifier that blocks airflow through the amplifier.

Amplifier can be stacked directly on top of each other.it is not necessary to leave gaps between the amplifiers,although this will make wiring installation on the rear panel easier.

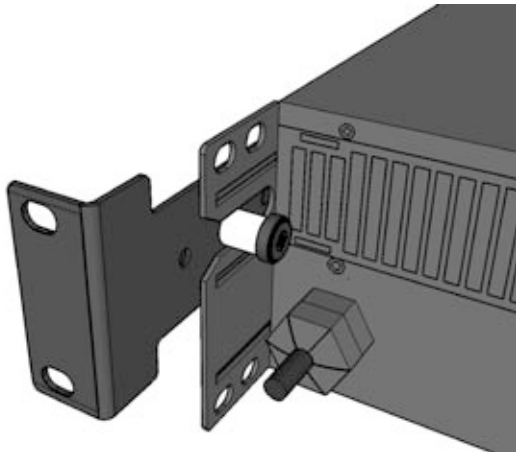


picture b Use washers for fixed installation

It is recommended that the rear bracket be installed for maximum long-term stability,including the brackets for the rear bracket.



picture a:Rear bracket mounting accessories



picture c:Use tubular screws for slide-in

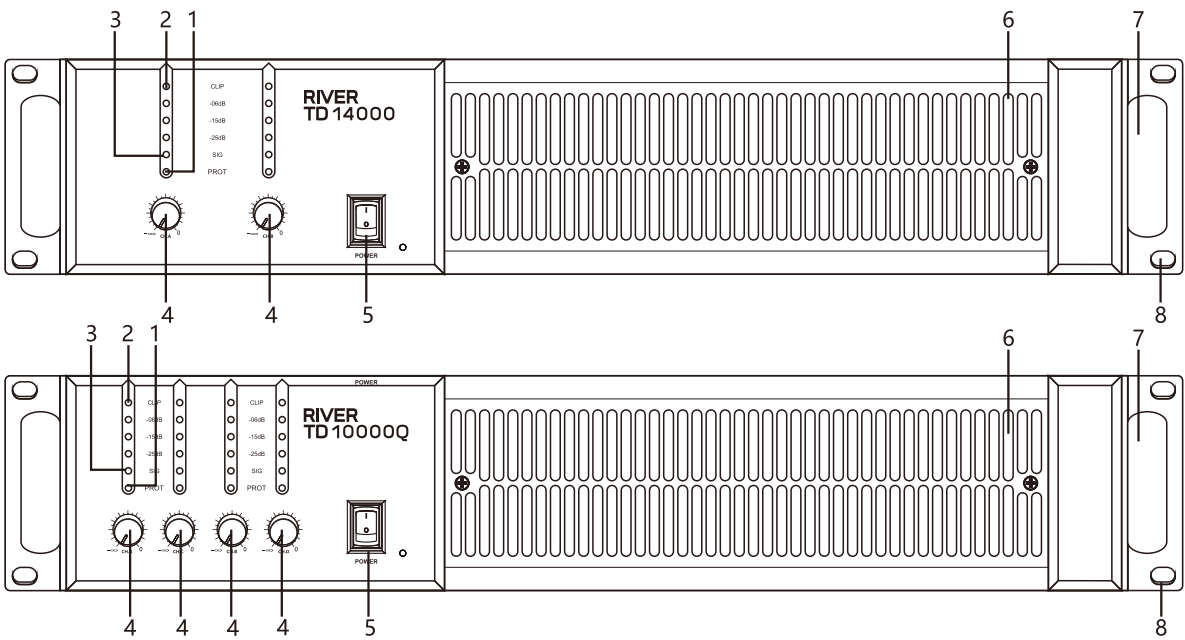


-Do not block the air inlet and outlet.

Before the completion of the project,because the construction environment is very dusty, a large amount of dust will gather in the dust filter during the commissioning period,blocking the air path and causing hidden troubles.

If this happens,it is recommended to use a high-power vacuum cleaner to clean the dust filter directly,and it is recommended to perform regular cleaning and maintenance depending on the use environment.

Front Panel Instructions



1. PROT

When the protection light is on,it means that the channel is in the protection state (the speaker is cut off by the output connector) This usually happens when the power is turned on and off.silence at other times indicates overheating or other protective action.
2. CLIP

Flashing red indicates that the amplifier is overloading. Excessive overload will trigger an automatic reduction of the internal gain to reduce overload distortion. After the signal level returns to normal, return to normal gain.
3. SIGNAL

Signal level indicator,-40dB(SIG)to -4dB green light is always on.
- 4.A-channel volume control

Adjust the volume or channel A bridge at the time of the volume

B-channel volume control

Adjust the volume or channel B

C-channel volume control

Adjust the volume or channel A bridge at the time of the volume

D-channel volume control

Adjust the volume or channel B

6. COOLING VENTS

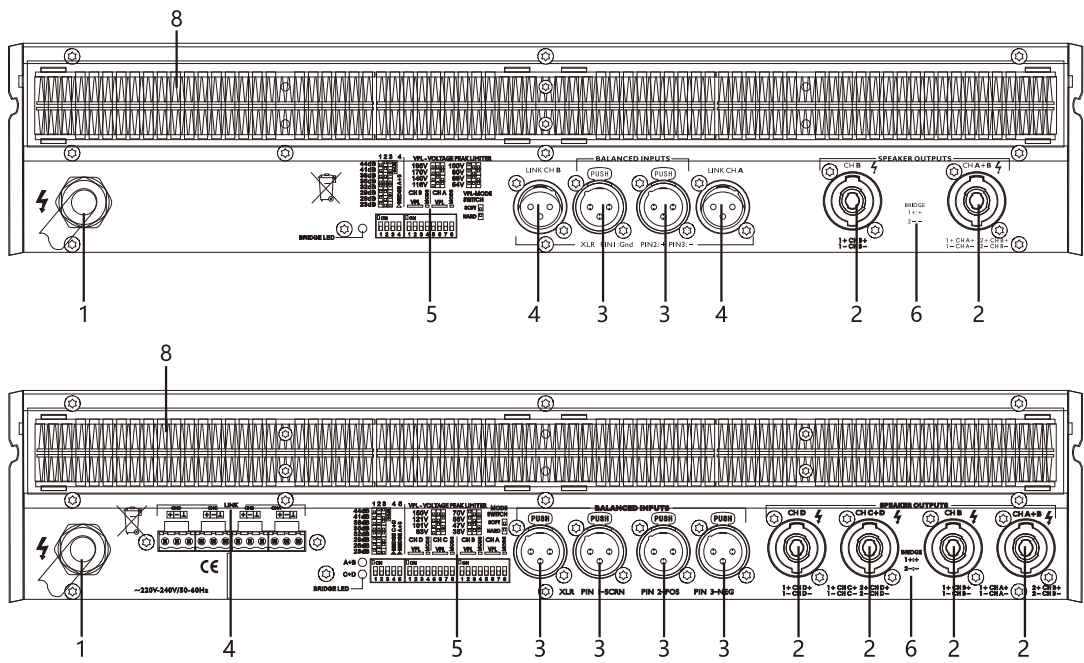
The internal high temperature mainly relies on the exchange of heat dissipation holes with the outside cold air to dissipate heat in time.In order to prolong the service life of the machine, do not block the cooling holes, the fanspeed will increase automatically under high load.
7. HANDLE

Easy to carry and install
8. RACK MOUNTING

Fits standard 19-inch rack, 2RU.

Accepts #10 or 6 mm screws.

Rear Panel Description



- 1.Power input

Supply voltage with a nominal vtage of the machine in line with.
- 2.Sensitivity toggle switch
- 3.Balanced XLR input

Pin 2 positive, pin 3 negative, pin 1 shielded (ground).

For long or short distance connections, fixed or frequently plugged and unplugged.

The XLR and TRS brackets for each channel are connected internally.
- 4.Link

1-Ch 2-Ch 3-Ch 4-Ch connection jack,use this balanced jack to connect to another amplifier.
- 5.MODE

Bridge / Parallel / Stereo

6.SENSITIVITY MODE

0.775V 1V 32dB

71 in 4 out switch

8.Vents

NO blocking.