

EXQUISITE MP1000
Reference mono power amplifier
Exq-MP1000-R

Exquisite Reference mono power amplifier MP1000

Congratulations,

You are now a Kharma Amplifier Owner.

Your new Exquisite MP1000 amplifiers, properly installed, will give you all the satisfaction and enjoyment you expect from Kharma.

Technically at the fore-front of current amplifier design the Exquisite MP1000 amplifiers will reveal the full emotional range of music and will do so with vivid dynamics and detail. As with any high quality product, special care must be taken to install and operate your new amplifiers.

Please read this manual carefully and totally prior to installation.

Unpacking

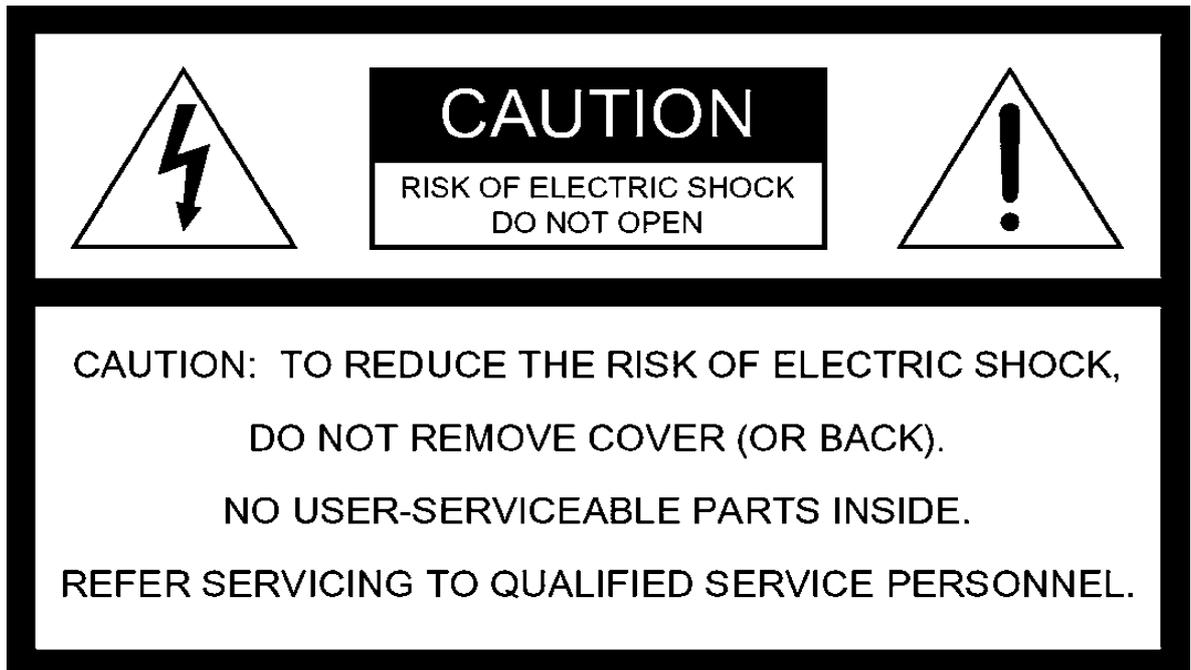
Upon opening the wooden box, inspect the Amplifiers carefully for any sign of transit-damage. If there is damage, immediately call your dealer or the trucking firm that made the delivery. Do not delay in reporting the damage. Please store the wooden box for future use.

Your Exquisite MP1000 are the best in the world class amplifiers using the finest and most exclusive components available.

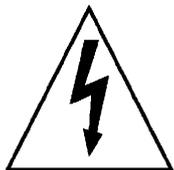
Use common sense. If you hear distortion or loud "cracking" sounds, the amplifier or loudspeaker is being overdriven, turn the volume down immediately.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated « dangerous voltage » within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

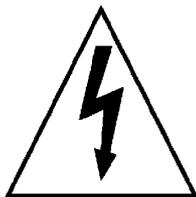


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully and completely before operating your Exquisite amplifier.

1. Always disconnect ac power before connecting or disconnecting any cables, or when cleaning any component.
2. This product uses a three conductor power cord, which includes an earth-ground connection. To prevent shock hazard, always connect it directly to a grounded outlet.
3. Never use any ac extension cord with this product.
4. Never use flammable or combustible chemicals for cleaning audio components.
5. Never operate this product with any covers removed.
6. Never wet the inside of this product with any liquid.
7. Never pour or spill liquids directly onto this unit.
8. Never block air flow through ventilation slots or heat sinks.
9. Never bypass any fuse.
10. Never replace any fuse with a value or type other than specified.
11. Never attempt to repair this product yourself. If a problem occurs, contact your Karma dealer.
12. Never expose this unit to extremely high or low temperatures.
13. Never operate this product in an explosive atmosphere.
14. Always keep electrical equipment out of the reach of children.
15. Always consider manual and safety instructions in any end use application.



Before connecting this product to an ac power line, verify if the voltage of the amplifier matches the ac line voltage where the unit will be operated. Never attempt to operate or connect this product to an ac line voltage that is different from the one to which the amplifier is set. Using a different setting can damage the unit and will void your warranty!

Care of your amplifier

The housing can be cleaned with a soft dry cotton cloth. No further care is necessary. **MAKE SURE** the power cord is disconnected when cleaning.

In event of trouble

If the Exquisite MP1000 produces distorted sound, no sound at all or seems to be malfunctioning otherwise, determine if the problem is in the amplifier or one of your other components:

- Is the Exquisite MP1000 connected to your other components correctly?
- If one channel malfunctions, try switching the loudspeakers. If the problem occurs on the other channel this time, it is probably your loudspeaker that is malfunctioning.
- Switch the connections at your pre-amplifier: connect the MP1000 that was connected to the right channel to the left, and the left to the right. If the same channel is distorted it is probably one of your other audio components.

When the problem seems to be in the Exquisite MP1000 amplifier, turn off the system and disconnect the amplifier.

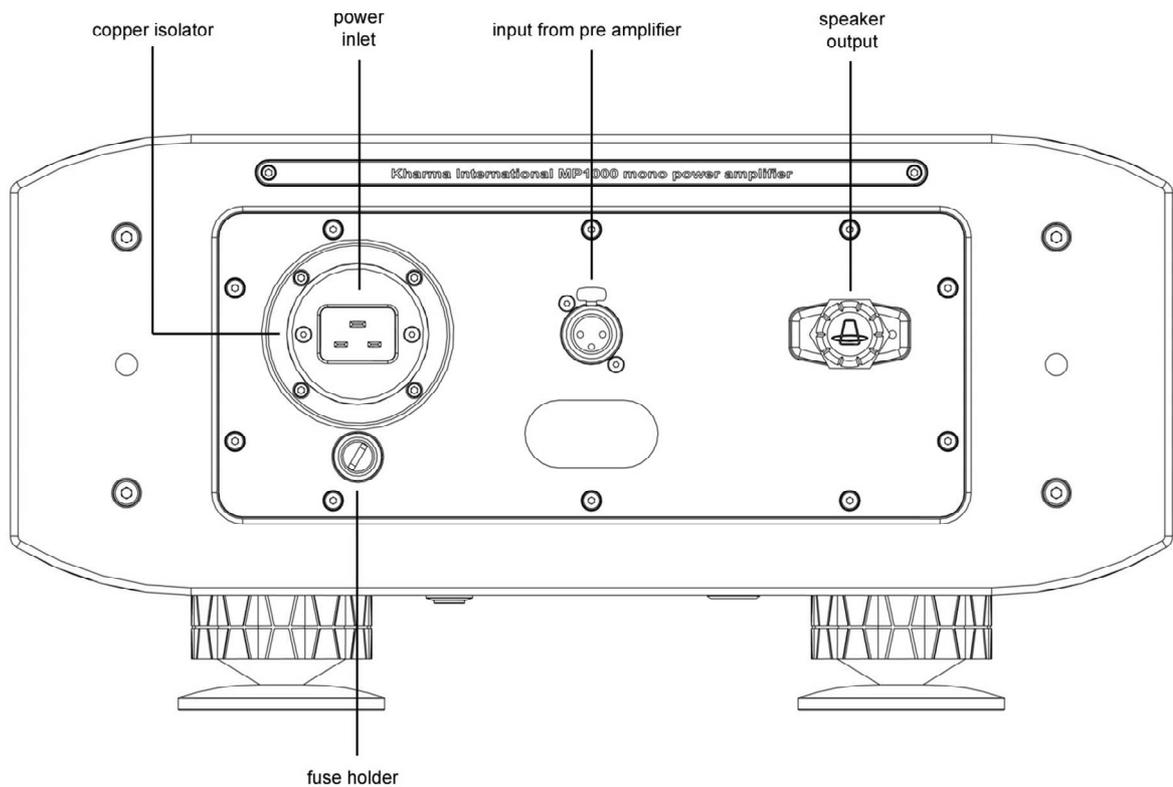
Consult the Authorized Kharma-dealer from whom you have purchased the system. Kharma Dealers are audio specialists and can be of great assistance.

DO NOT attempt to repair the Exquisite MP1000 amplifier yourself.

Connection

It is important to follow the connection instructions to prevent your amplifier from being damaged.

At the back of your Exquisite MP1000, you will find the connection panel which looks like the picture below. It shows the standard back with XLR input, on customer demand the XLR can be replaced with an RCA input.



STEP 1

Connect the loudspeaker cables to the amplifier. Make sure there is no short circuit in the wiring.

Connecting the speaker wire to the speaker output should be done as shown on the pictures below:

Step 1.1: Unscrew the connector enough for the spades to slide under the black block.

Step 1.2: Slide the spades beneath the connector block over the pins.

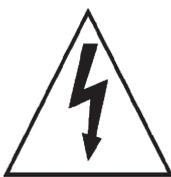
Step 1.3: Screw back the top of the connector.



STEP 2

The cable from your preamplifier can be connected to the input using an XLR connector or, if you have chosen the RCA version, an RCA cable.

STEP 3



Attach a power cord to the power inlet. **BE CAREFUL** to connect your power cord to a 115V or 230V power source depending on the configuration of the amplifier! If you are not sure about the voltage to which your amplifier is configured please contact your dealer. **DO NOT** switch on the power until all wiring is connected correctly!

We advice you to use only Kharma power cords.

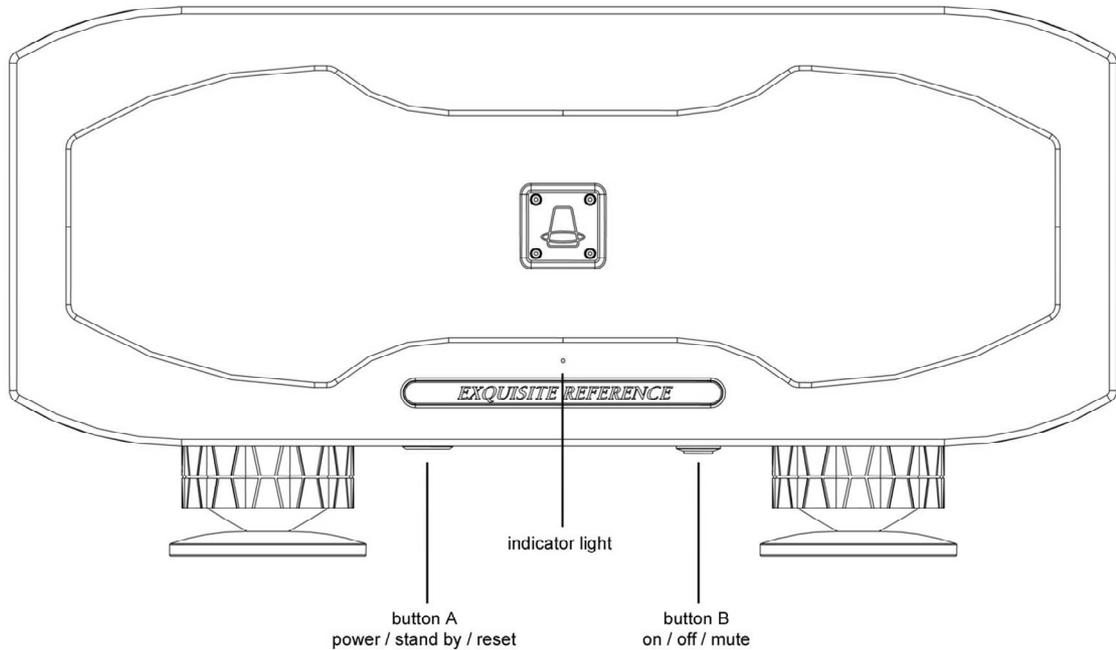
The amplifier is supplied with a gold plated copper isolator. For the best sound quality it is preferred to put this isolator on the amplifier. However some power cords are too big and make it impossible to use the isolator.

After the power cord is connected the amplifier will set into default operating mode, there will be relais switching audible. This will take about one second.

The amplifier is now in off position. It is advised to turn off the amplifiers only when not used for a long time e.g. during holidays.

Operating the amplifier

On the bottom off the amplifier there are two buttons located (at the front), see picture below.



Powering the amplifier off and on

To turn on or off the amplifier completely, just touch the left button, labelled 'button A'.

When turned on, the indicator light will light up yellow. And the power button itself will light up in red.

The yellow indicator light indicates that the amplifier is in standby mode.

Activating the amplifier

To activate the amplifier press button B for less then one second. It will take about ten seconds for the amplifier to start up. When the amplifier is ready the indicator light will turn to blue.

When you want to put the amplifier back in 'stand by' mode, keep button B pressed till the indicator light turns to yellow. As mentioned before, we advice you not to use button A to turn off the amplifier, unless it will not be used for a long time.

Muting the amplifier

Button B can also be used as a mute button. Hold down button B for less then one second. The indicator light will turn to green. The amplifier will remain fully operational only the sound is turned off.

To turn off the mute function, simply press button B again.

Fault conditions

There are three fault conditions that can occur. The amplifier will show you this in 3 different colours of the indicator light.

When an error occurs the amplifier will stay locked in error detected mode and the amplifier must be reset using button A. There is a time delay on this switch to prevent switching the amplifier on/off too fast.

When the indicator light turns red, the maximum current limit is crossed. The reason for this can be a short circuit or just playing too loud.

When the indicator light turns purple a DC-current is detected and the amplifier turns off to protect the loudspeaker that is connected.

When the indicator light turns white, the main power is lost or below the necessary voltage for a short period of time.

Panic button

Button A on the left can always be used as a panic button. In case of emergency simply press button A and the amplifier will turn off completely.

Operating Summary

Indicator light

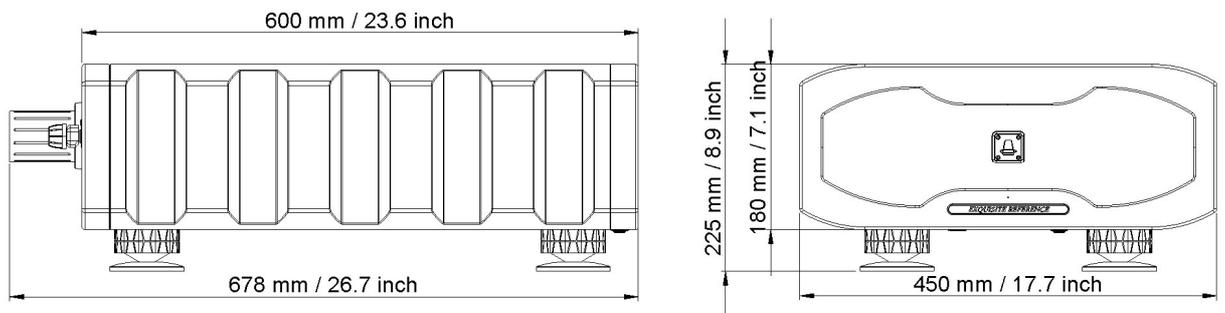
Colour	Indication
Off	Power switched off
Yellow	Stand by mode
Blue	Operating mode
Green	Mute mode
Red	Maximum current limit is crossed, please turn off the amplifier
Purple	DC-current detected, please turn off the amplifier
White	Main power too low

Buttons

Amp status	Button	Action	
Off	A	Touch	Turn amplifier on, set to stand by mode
On	A	Touch	Turn amplifier off
Stand by	B	Hold down for less than 1 second	Set amplifier in operating mode
Operating	B	Hold down until indicator light turns yellow	Set amplifier in stand by mode
Operating	B	Hold down for less than one second	Turn on mute mode
Mute mode	B	Hold down for less than one second	Turn off mute mode

Exquisite MP1000-R Specifications

Circuit type	Linear amplifier topology
Output power	400W (8Ω) 800W (4Ω) 1600W (2Ω)
Max peak output power	2700W (current limited for safety)
Frequency response	4Hz to 180kHz (+0, -3dB Filtered at the input)
Output impedance	0 Ohms
THD+N	-120Db
IMD	-120Db
Damping factor	Larger then 2000
Output Connection	Spades
Input Connection	XLR / RCA
Gain	26dB
Sensitivity	2.6V
Input impedance	10kΩ (each input to gnd)
Fuse Rating (120V version)	6.3x32mm; 8A 250V AC; antisurge**
Fuse Rating (230V version)	6.3x32mm, 4A 250V AC; antisurge**
Height (in/cm)	8.9 / 22.5
Depth (in/cm)	26.7 / 67.8
Width (in/cm)	17.7 / 45.0
Weight (lbs/kg)	176 / 80 Kg.



** Depending on voltage in your country, please contact your dealer to make sure which type of fuse should be used.

A. Warranty Coverage:

The Kharma distributor guarantees the proper mechanical and electrical functioning of its products for a period of 5 years. Provided the warranty request card is properly filled out and sent to the address on the warranty form, including a copy of the original bill of sales. Should the customer fail to meet the three requirements mentioned above, the warranty will be limited to a period as required by national law only.

In case of malfunction the customer has to present the Kharma product in its original packing to an authorized dealer. If qualified service appears inevitable, the dealer will ship the product to an appointed service station or to the factory, depending on the required service. This warranty includes parts and labour. This warranty is not automatically transferable; subsequent owners can request a warranty at the factory.

B. Warranty Exclusions:

1. Transportation damage, visible or hidden. Damage should be reported immediately to the transport company. Registration of the complaint should be sent to the Kharma distributor previously mentioned.
2. Scratches in painted and wood/metal surfaces. Complaints should be registered at the dealer within three days after the sale.
3. Damage due to illicit handling and inappropriate use.
4. Transportation costs to service station or factory.
5. Damage through unauthorized repair and or modification.
6. Subsequent damage to other appliances.
7. Refund of costs in case of unauthorized repair.
8. Malfunctions caused by use for commercial or professional purposes.
9. All claims on Kharma products obtained through unauthorized sources, with or without correct serial numbers.