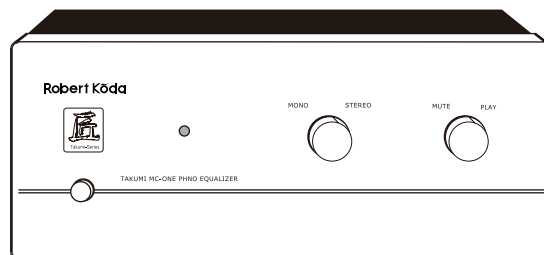


Robert Köda



MC-ONE Owner's guide

Thank you

We extend our hand in deep gratitude, thanking you for selecting the Takumi MC-One phono equaliser.

This pre-amplifier is easy to install and use but there are some precautions that need to be observed in order to attain maximum performance, safety and reliability. Please therefore read carefully through this owner's manual before installing your MC-One.

If there are any doubts in your mind or should you require any supplementary information, please do not hesitate to contact your distributor or Robert Koda directly.

Cordially,

Robert Koch.

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Important safety information

This unit is must be earthed. Please therefore ensure that the AC power cable you select to use with the MC-One is a three wire type that is earthed. Failure to do so may render a potentially dangerous situation.

There are no user serviceable parts inside. Please therefore do not attempt to open, adjust or modify this pre-amplifier.

Power up and power down sequence.

We recommend the good audio practice of -

On power up, turn the pre-amplifier on twenty seconds or more before the power amplifier(s) / line pre-amp.

On power down, turn off the power amplifiers before turning off the pre-amplifier.

Rear panel gain control.

This control may only be operated when MC-One has been turned off for at least 30 seconds. Failure to take this precaution will result in severe system and speaker damage. Please be aware.

Placement requirements

Owing to its substantial weight, this unit should be placed on a firm, stable and solid surface. The use of a dedicated audio stand or plinth may provide some degree of increased performance.

Areas of high humidity, direct sunlight, exposure to flammable gas or possible exposure to liquids are not suitable locations.

This pre-amplifier is not designed to stand directly on top of other audio components or have other audio components placed on top of it.

Connections

Inputs – RCA and XLR.

The output from any moving coil cartridge may be connected onto either the RCA or XLR sockets. The XLR sockets will configure the phono cartridge into single ended mode with pin 2 being "hot" and pin 2 signal ground.

When using the RCA sockets please take care when inserting / removing since some cables can place excessive stress on the RCA sockets.

Outputs

One pair of RCA' s and one pair XLR' s are available for output connection. When the Balanced / SE switch is set to SE, all outputs function in the single ended mode. With pin 2 on the XLR being "hot" and pin 3 being "zero" .

When the Balanced / SE switch is placed in the Balanced setting, the XLR sockets provide a balanced output with pin 2 being "hot" and pin 3 being "cold" .

MC-One provides a high drive, low output impedance and will work with virtually any pre-amplifier.

A Note on the RCA sockets.

Great care should be taken, especially with cables that fit too tight or use locking systems as they may damage the RCA sockets on the back of the pre-amplifier when the plug is inserted or removed.

Connections

AC Inlet

The AC voltage selector and fuses are integrated into the IEC AC inlet socket. Looking at the "window" one can read the voltage setting.

This pre-amplifier may be set to either a 230V or 115V "design centre" .

Please ensure that the pre-amplifier is set correctly before connecting to your AC power source.

The 230V design centrer will work over a range of 200 to 255V while the 115V design centre will work over a range of 100 to 128V.

Fuses

A pair of five by twenty mm, 250V fuses are installed into the fuse drawer. The fuses may be replaced by disconnecting the unit from the mains and then opening the drawer with a suitable tool. Use 1.5A fuses for 230V and 3A fuses for 115V.

Ground terminals.

To aid system fine tuning, two high quality ground terminal are provided.

The "0V Ref" terminal connects directly to the internal system ground / 0V point.

The second ground terminal connects directly to the copper chassis and AC mains protective Earth.

Lowest system noise may (or may not) be obtained by bridging these two terminals together with a short wire jumper.

Rear Controls

Cartridge Loading.

A rotary switch of the highest quality allows for "on the fly" cartridge loading adjustment. One of the available six loading values will almost certainly suit your cartridge requirements.

If however you require an unusual custom value, set the switch to the "1K" position and have a technician make you a "plug in" value. This can simply be inserted into the unused input socket pair.

Gain control.

Caution! Only adjust this switch when the unit has been turned off for at least 30 seconds. Failure to observe this precaution will cause system / speaker damage.

Three gain settings are possible with a maximum of 72dB. Set the gain such that the volume control on the pre-amplifier has a good range where desirable volume levels can be easily set.

Notes.

Even when setting the gain control to the maximum, there will be no loss in overload headroom. MC-One has extraordinary headroom especially where it counts – In the ultra sonic region.

Front panel description

Ruby power indicator

This indicator becomes illuminated when the power is on. It takes a few seconds to reach full illumination level.

Power knob.

The power knob is designed to require some "initiative" to turn it. It is a 90 degree rotary switch. To turn on, rotate 90 degrees clockwise. To switch off, rotate 90 degrees counter clockwise. There is no "stand-by" mode. The pre-amp is either on or off.

Mono / Stereo

When set to "Stereo" operation is conventional. When set to "Mono", left and right signals are summed (added together) to produce a mono output. Please use this switch in accordance with your source material and listening preferences.

Mute / Play

The output from MC-One is muted when the switch is placed in the mute position. Output is un-muted when the switch is placed in the "Play" position.

General use

Burn in time

If your MC-One has not been used for some months, relocated or is brand new, it might require some time of power on state to "bed in the components" . It is not specifically required for MC-One to be passing thru a music signal during this process.

Ambient temperature.

This unit is calibrated for an average room temperature. If the room temperature is very cold we recommend allowing the room to warm up before powering up.

Warm up time

Upon power up, MC-One will become functional after about thirty seconds or so. After twenty minuets, optimal sound quality will become available.

Please note: This unit is not designed to be left on permanently. Please turn it off when there is no intended use for some time.

Cleaning and maintenance

MC-One may be dusted down with a soft cloth. A cloth dampened in a mild solution of soap and warm water may be effective at removing grease.

If you live in a corrosive environment it may be worthwhile to keep the unit covered with a large cloth when not in use. To keep it looking brand new it may also be beneficial to guard any unused input and output sockets with a suitable residue free masking tape or similar.

Servicing.

Servicing should only be undertaken when there is a fault condition within the pre-amplifier. Please contact your distributor or alternatively Robert Koda for advice and we will provide prompt assistance.

There are no user serviceable parts inside this pre-amplifier.

Technical specifications.

Weight	27Kg unpacked
Dimensions	169mm high with feet installed, 380mm wide and 380mm deep excluding knob and socket protrusions.
Input impedance	20 ohms thru 1K ohm selectable
Output impedance	2X37 ohm balanced, 1X 75 ohm single ended.
Input equivalent noise	67 nano volts A weighted at 72dB gain 78dB A weight signal to noise ref 500uV input
Maximum output	Exceeds 20V RMS 5Hz to 100KHz at 72dB gain.
Voltage gain	Plus 72dB thru plus 56dB selectable
Frequency accuracy	Deviation 0.02dB 20Hz to 20Khz Ref RIAA.
Power consumption	Thirty watts.



The meaning of "Takumi"

The meaning of the Japanese character "Takumi"
can be translated as "Maestro".

Our brand endeavours to build a product in the
spirit of Maestro.

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