

## SPECIFICATIONS:

I/ O Connectors:	RCA
Input Impedance:	30-300 ohms
Output Impedance:	30k ohms
THD:	.02% @ 1KHz
Size:	4"w x 1.1"h x 4"d
Weight:	2 lb

DO NOT OPEN THE MT502. NO USER SERVICEABLE PARTS ARE INSIDE. ALL WARRANTIES ARE VOID IF ANY INTERNAL COMPONENTS ARE DAMAGED DUE TO USER ERROR.

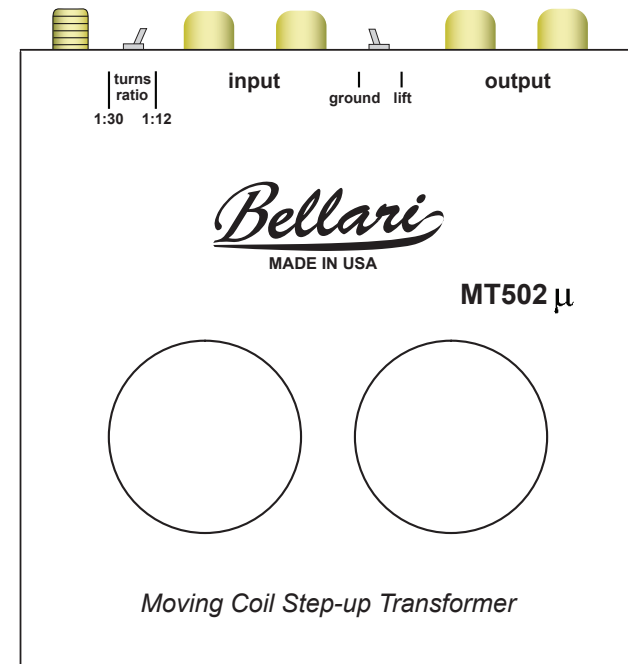
*Bellari*

CE

Salt Lake City, UT  
01/19

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MT502  $\mu$



QUICK START GUIDE

Thank you for purchasing the MT502. We spent a considerable amount of time designing and developing the MT502. Hundreds of hours listening and improving the design. We hope you enjoy using the MT502, and that it makes listening to your music collection rewarding. We sincerely appreciate the opportunity to build a product for you and participate in your love of quality music and sound. We love what we do and we're happy to help. All Bellari products are hand built in Salt Lake City, Utah by people who care about high quality music.

The MT502 is a moving coil to moving magnet transformer. It converts low impedance output moving coil cartridges to a higher impedance output for use with moving magnet pre-amps.

The  $\mu$  symbol stands for MU as that is the metal now encasing the MT502 MK2 transformers. MU Metal is one of the best shielding materials known. All step up transformers are of a similar design. They have two transformers inside to step up the low level signal from a moving coil cart. The transformers are very expensive to manufacture, that is the reason for the high prices of such items. Our transformers are hand wound, potted, encased in an all MU Metal chassis and then placed into a copper chassis that has been gold plated. This is all done one at a time, by hand.

What's in the box?

- 1 - Made in USA MT502
- 1 - This owners manual
- 1 - Love for great audio

## CONNECTION:

**INPUT:** RCA's for connection to your turntable with moving coil cartridge.

**OUTPUT:** RCA's for connection to a phono preamp with RIAA equalization.

**LIFT/GROUND SWITCH:** This switch connects or disconnects the ground connection between the INPUT and OUTPUT RCA's. This might be useful for reducing ground loops. SET THE SWITCH IN THE POSITION THAT SOUNDS BEST.

**TURNS RATIO SWITCH:** This switch will allow you to select between a low output moving coil cart and a very low output moving coil cart. The 12:1 is designed to work with carts like the Denon DL103 or 103R or similar. The 30:1 is designed to work with carts that need more gain/level. The turns ratio switch can be set to wherever you feel it sounds best. If you have a higher output cart be careful not to confuse a level increase from the 30:1 setting with proper frequency response. The 30:1 will make your cart louder. The MT502 or any cart you connect to it will not ever be damaged by setting the ratio switch in either location.

**GROUND POST:** For connection of your turntables ground wire. In some cases the turntable ground wire might have better results if connected directly to you phono preamp bypassing the ground of the MT502. Try both ways and see what sounds better.