

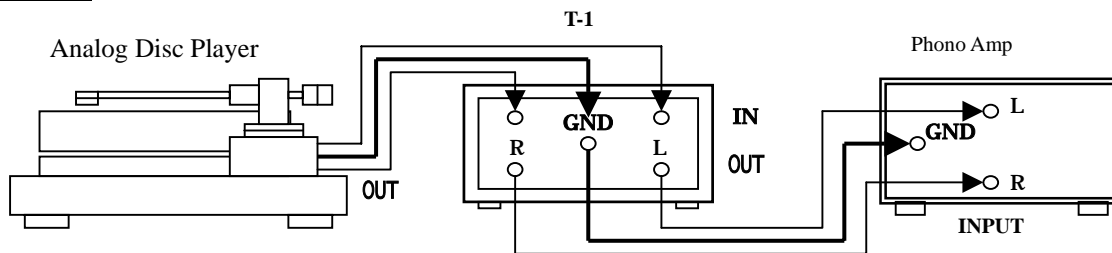
## MC Step Up Transformer T – 1 INSTRUCTIONS

Thank you for purchasing Phasemation T-1, MC step up transformer. For the best performance and product durability, please read the following instructions carefully before you set your T-1 up.

### Features

1. High-performance step up transformer is employed inside, by consistent in-house production from development to manufacturing. It accomplishes the excellent characteristic with the best linearity for lower band areas and the most efficient step up with minimum loss, by winding up a gigantic EI core, made with a 78% super-Perm alloy-core, with 0.32- big copper wire which is low in loss. As a result, it succeeds to bring out really energetically excellent sound in all band areas. Also, as a winding structure of uniquely divided layers realizes characteristics of wide band areas, and T-1 minimizes a phase distortion (the fastest level of rise time) in audible band areas and clarifies sound images more.
2. An excellent structure with vibration free and co-vibration free is realized. A front panel of shaved Aluminum controls and optimizes vibrations of the body, by adopting a high-rigidity chassis and a natural oak case. Also, T-1 has high capability to play realistic sound with good S/N image, by adopting micro-cell polyurethane form material of vibration-free with anti-shock function on foot in order to prevent conveying any outside vibration to inside, step up transformer.

### Example of Connection



1. Make sure that all of your audio equipment's power are turned off.
2. Connect to your analog disk player  
T-1's "INPUT" terminals to the player's terminals with Cable-L and Cable-R, and T-1's "GND" terminal to the Player's terminal with a ground line.
3. Connect to your phono amplifier  
Connect T-1's "OUTPUT" terminals to the amplifier's "INPUT" terminals with cable-L and cable-R, and T-1' "GND" terminal to the amplifier's "GROUND" terminal with a ground line.  
This ground line connection can be omitted depending on your equipment.
4. Place your T-1
  - Place it on a flat and stable surface, since T-1 can be damaged or you can be injured if it dropped or fell down.
  - Be sure to keep away from any other power source such as trans and motors so that induced hams or unnecessary noise will not affect it.
  - Be sure to put your T-1 in a location with low humidity, a minimum of dust and a minimum of vibration.
  - Be sure to keep away from any heat such as electric heaters, stoves and direct sunshine.
  - Do not expose T-1 to rain or use it near water, and do not spill any liquid.

### Maintenance

1. Do not use any volatile such as benzene and to clean a dirt because it will damage the surface. Instead, use a soft dry cloth to wipe it.
2. In order to keep the best sound quality, we would recommend you to play an analog disk once a month with T-1 output temporally shorted by plugging your short-pin plug, enclosed in this package, into T-1's "OUTPUT" terminal. This may improve your sound quality by reducing magnetic power of the trans core.
3. In case your T-1 is exposed to rain or liquid by accidents, contact your retailer to check up.
4. In case T-1 makes a weird sound or gets damaged, contact your retailer to check up.
5. Do not open your T-1 because it can risk you danger or its serious break down.

### Specifications

- |  |                                 |
|--|---------------------------------|
| 1. Applicable Cartridge's Output Impedance : | below 10 ohm                    |
| 2. Secondary Impedance Loading :             | 47 ,000 ohm                     |
| 3. Step Up Ratio ( voltage gain ) :          | 27 dB                           |
| 4. Frequency range :                         | 10 Hz to 80,000 Hz ( +/- 1 dB ) |
| 5. Dimensions :                              | W 192 x H 100 0x D 128 mm       |
| 6. Weight :                                  | 2.1 kg                          |
| 7. Input/Output :                            | WBT connectors                  |

### Warning

To avoid any risk or damage on user's life, body, and belongings, follow all instruction described herein.

### Enclosed

Two short-pin plugs

### Manufacturer

Kyodo Denshi Engineering Co., Ltd.

4900-1 Ikebe-cho, Tsuzuki-ku, Yokohama, 224-0053 Kanagawa Japan