



# ***TDI-P2***

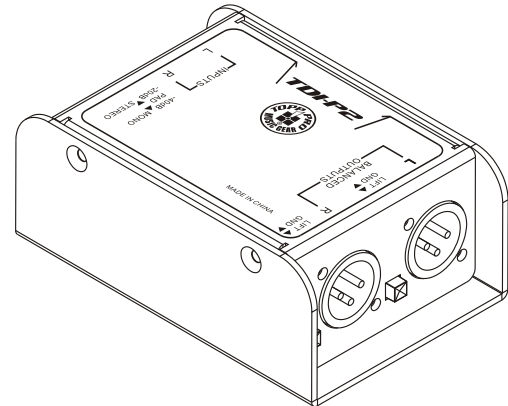
## ***User's Manual***



**TOPP PRO MUSIC GEAR**  
[www.topppro.com](http://www.topppro.com)

## ***TDI-P2***

**PASSIVE DI BOX**



# ***TDI-P2***

## Important Safety Instructions



TO REDUCE THE RISK OF ELECTRIC SHOCK PLEASE  
DO NOT REMOVE THE COVER OR THE BACK PANEL  
OF THIS EQUIPMENT.  
THERE ARE NO PARTS NEEDED BY USER INSIDE THE  
EQUIPMENT. FOR SERVICE, PLEASE CONTACT  
QUALIFIED SERVICE CENTERS.



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages in the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions. Please read.



Protective Ground Terminal



AC mains (Alternating Current)




Hazardous Live Terminal

ON: Denotes the product is turned on.

**OFF:** Denotes the product is turned off

### CAUTION

**CAUTION**  
Describes precautions that should be observed to prevent damage to the product.

1. Read this Manual carefully before operation.
2. Keep this Manual in a safe place.
3. Be aware of all warnings reported with this symbol. 
4. Keep this Equipment away from water and moisture.
5. Clean it only with dry cloth. Do not use solvent or other chemicals.
6. Do not damp or cover any cooling opening. Install the equipment only in accordance with the Manufacturer's instructions.
7. Power Cords are designed for your safety. Do not remove Ground connections! If the plug does not fit your AC outlet, seek advice from a qualified electrician. Protect the power cord and plug from any physical stress to avoid risk of electric shock. Do not place heavy objects on the power. This could cause electric shock or fire.
8. Unplug this equipment when unused for long periods of time or during a storm.
9. Refer all service to qualified service personnel only. Do not perform any servicing other than those instructions contained within the User's Manual.
10. To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder.

## WARNING

To reduce the risk of electric shock and fire, do not expose this equipment to moisture or rain.



Dispose of this product should not be placed in municipal waste and should be separate collection.

Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

11. Move this Equipment only with a cart, stand, tripod, or bracket, specified by the manufacturer, or sold with the Equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid possible injury from tip-over.



12. Permanent hearing loss may be caused by exposure to extremely high noise levels. The US Government's Occupational Safety and Health Administration (OSHA) has specified the permissible exposure to noise level. These are shown in the following chart:

| Hours x day  | SPL | Example                     |
|--------------|-----|-----------------------------|
| 8            | 90  | Small gig                   |
| 6            | 95  | Train                       |
| 4            | 92  | Subway train                |
| 3            | 97  | High level desktop monitors |
| 2            | 100 | Classic music concert       |
| 1.5          | 102 |                             |
| 1            | 105 |                             |
| 0.5          | 110 |                             |
| 0.25 or less | 115 | Rock Concert                |

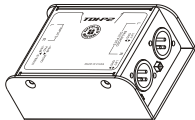
According to OSHA, an exposure to high SPL in excess of these limits may result in the loss of heat. To avoid the potential damage of heat, it is recommended that Personnel exposed to equipment capable of generating high SPL use hearing protection while such equipment is under operation.

The apparatus shall be connected to a mains socket outlet with a protective earthing connection.

The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

## Notes

5 Technical Specifications



|                     |                     |
|---------------------|---------------------|
| Model               | <b>TDI-P2</b>       |
| Input L or R        | RCA jack unbalanced |
| Load Impedance      | > 600 Ohms          |
| Output L or R       | XLR balanced        |
| Frequency Response  | 10Hz~30kHz          |
| Maximum Input Level | +30dB               |
| Dimensions          | 110.5x73x43.3mm     |
| Weight              | 570g                |

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## 1

## Introduction

New **TDI-P2** direct injection box passive is made for stage use and its rugged metal case ensures it will last for years.

A DI box is an impedance matching and signal balancing device for guitars and other musical instruments. A Direct Injection box converts high impedance unbalanced signals to low level balanced output signals for use with audio equipment such as mixing consoles etc. It also ensures proper electrical signals are maintained throughout the signal chain and allows long cable runs while cancelling interference and noise."

## 2

## Features

- Converts high impedance unbalanced signals to low-level balanced signals
- Rugged construction
- Unbalanced Input/output Impedance: 50K Ohms
- Balanced Input/output Impedance: 600 Ohms
- Balanced I/O is low noise for long-distance and weak signal transmit
- Ground bottom makes the noise of input lower when transmitting
- Attenuation: 20dB, 40dB

## 3

## Useful Data

Please write your serial number here for future reference.

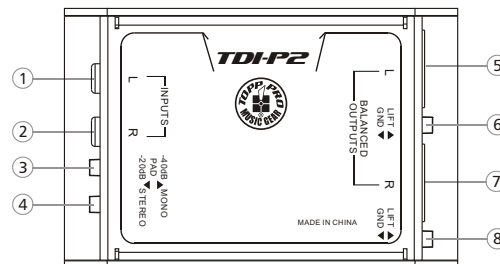
Serial Number:

Date of Purchase:

Purchased at:

## Control Elements

## 4



1-RCA unbalanced connector: 1 unbalanced RCA input

2-RCA unbalanced connector: 1 unbalanced RCA input

3-PAD-20 dB/-40dB SW: the unit itself can weaken -20dB signal. The user also can use the switch of attenuator to weaken the L and R output signal by -40dB.

4-Mono/Stereo selector: When the switch is in normal state, you can input stereo signals from L and R. When the switch is pressed, L and R of XLR both have balanced signal output if you input mono signal from L or R.

5-3-pin XLR connector

2 XLR balanced output which can make the user get a balanced signal.

6-GND selector

GND lift switch controls the signal earth linking to the unit earth.

7-3-pin XLR connector

2 XLR balanced output which can make the user get a balanced signal.

8-GND selector

GND lift switch controls the signal earth linking to the unit earth.