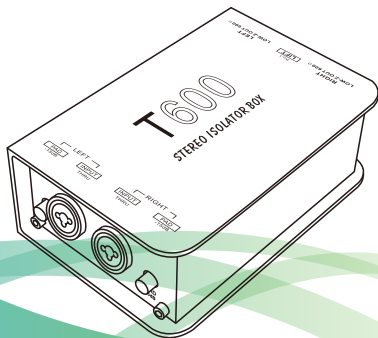


T600 音频隔离器

AUDIO ISOLATOR

使用说明书



感谢您购买了音频隔离器 T600。

被动式T600是一款高品质的超小型音频隔离器，专为音响公司以及项目工作室开发设计，使其能够享受到经济实惠的隔离盒的非凡品质。

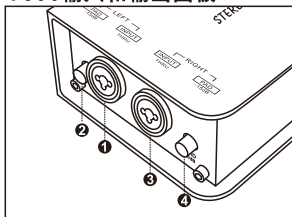
T600是一款具有定制变压器，可以处理高电平且不会饱和的特制变压器，这种高性能的变压器，具有相当平的20Hz~20kHz的频率响应。T600还设有接地开关，将解决接地回路的噪声，T600是无源话筒和音频设备的明智选择。

T600安装在一个非常坚固的铝外壳内，该外壳采用书本皮套式设计，可防止摔倒损坏。

我们邀请您先阅读本手册，然后再使用T600，使您可以最大程度地发挥其潜力。

输入和输出面板功能

T600输入和输出面板

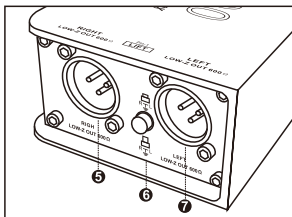


1.L路XLR和6.35输入

2.L输入输出断地开关
(用开关 长短符号表示
长是接地 短是断地)

3.R路XLR和6.35输入

4.R输入输出断地开关
(长短符号表示 长是接地 短是断地)



5.R路XLR输出

6.输出与外壳/断地开关
(长短符号表示 短是断开外
壳接地 长是外壳接地)

7.L路XLR输出

突出的特点

- 超坚固设计，延长使用寿命
- 即插即用，易于操作
- 完全无源设计，无需电源
- 1年可保修
- 全硅胶底垫 加强了电隔离并可使T600随意在舞台上移动

XLR平衡600Ω阻抗电平输出可用长达100米接线缆连接且无明显噪音
接地开关 在XLR输出端断开到变压器接地通路

书本皮套式设计 创造性地在插头和开关周围形成了受保护的区域
高性能变压器 用于无失真信号传输和100%隔离接地回路造成的“吱吱”声
2.4mm壁厚铝壳”工字钢”结构,保护PC板使其不会变形,消除虚焊。
金属屏蔽 保护无线电频率并防止电磁干扰

功能概述

回路/共地干扰：主要由于音频线缆的不同电势产生，由于音频线缆选择不同的音频信号参考地位，从而引起的交流回路干扰，主要表现在音频线缆的屏蔽层及音频设备的外壳上。通常情况下，屏蔽层的电压0伏，在音频信号传输距离超过100米情况下，极易产生较高的接地环路电压，设备间屏蔽层会产生压差，严重的将导致音频信号失真并伴有电流噪声等干扰现象，严重的会产生大电流导致设备被烧毁；隔离器的出现能很好解决此问题。

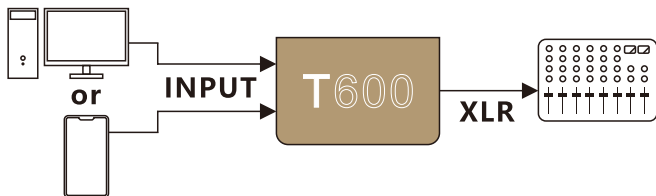
隔离外界干扰，隔离不共地产生的电流声，噪声。
系统间安全传输，保护设备不被对地电压差（静电）烧毁。
改善声音，去除毛刺，去除数码味，净化声音。

5大特点

- 1、坡莫合金耦合
- 2、超宽频率响应
- 3、大动态不失真
- 4、多点浮地选择
- 5、支持热插拔

产品应用范围

- 1.婚礼会场
- 2.酒吧/KTV
- 3.户外演唱



两路多功能输入,两个变压器,XLR两路输出

类型:无源

产品净重:530g

产品外壳:铝合金

阻抗:600:600Ω/1KHz

宽高深(mm):128×84×48

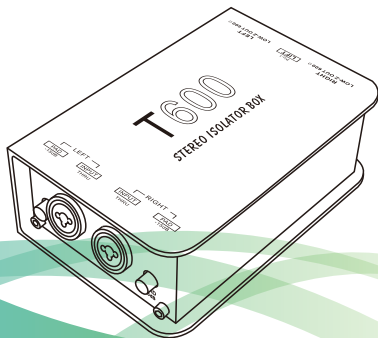
通用功能:断地开关

输入:XLR/6.35mm

输出:XLR

T600

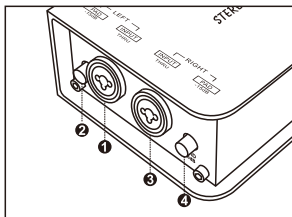
AUDIO ISOLATOR



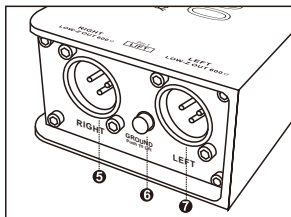
Passive T600 is a high-quality ultra-small audio isolator, specially developed and designed for audio companies and project studios, enabling it to enjoy the extraordinary quality of an affordable isolator box.

T600 is a special transformer with a custom transformer that can handle high levels without saturation. This high-performance transformer has a fairly flat frequency response of 20Hz~20kHz. T600 is also equipped with a grounding switch, which will solve the noise of the ground loop. T600 is a wise choice for passive microphones and audio equipment. The T600 is installed in a very sturdy aluminum housing, which is designed with a book holster to prevent damage from falling.

T600 input and output panel



1. L XLR and 6.35 input
2. L input and output disconnect switch
(With long length switch symbol is grounding short is broken)
3. Channel R XLR and 6.35 input
4. R input and output disconnect switch
(Long length symbol is grounding short is broken)



5. R XLR output
6. Output and shell/break switch
(The long and short symbols indicate that the short is to disconnect the shell and the long is the shell to ground)
7. L XLR output

Outstanding features

- Ultra-sturdy design, provide long service life.
- Plug and play, easy to operate
- Completely passive design, no power supply required
- 1 year warranty
- Full silicone bottom cushion, which strengthens electrical isolation and allows T600 to move freely on the stage

XLR balanced 600Ω impedance level output can be connected with a cable up to 100 meters without significant noise

The grounding switch disconnects the ground path to the transformer at the XLR output.

The book holster design creatively forms a protected area around the plug and switch

High-performance transformers are used for distortion-free signal transmission and 100% isolated ground loops caused by "squeaking" sound. The 2.4mm wall thickness aluminum shell "I-steel" structure protects the PC board from deformation and eliminates virtual welding.

Metal shield protects radio frequencies and prevents electromagnetic interference.

Overview of functionality

Loop/common ground interference: Mainly due to the different potentials of the audio cables, and the audio cables choose different audio signal reference positions, which cause AC loop interference, which is mainly manifested in the shielding layer of the audio cable and the housing of the audio equipment. Normally, the voltage of the shielding layer is 0 volts.

When the audio signal transmission distance is more than 100 meters, it is easy to produce a higher ground loop voltage. The shielding layer between devices will produce a voltage difference, which will cause serious audio signal distortion. Accompanied by interference phenomena such as current noise, severely large currents will cause the equipment to be burned; the appearance of isolators can solve this problem well. Isolate external interference, isolate current sound and noise generated by non-common ground.

Safe transmission between systems to protect the equipment from being burned by the voltage difference (static) to the ground.

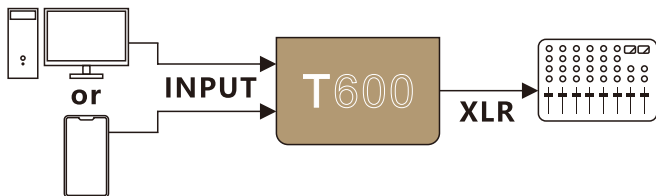
Improve sound, remove burrs, remove digital flavor, and purify sound.

Major features

1. Permalloy coupling
2. Ultra-wide frequency response
3. Large dynamic without distortion
4. Multiple floating options
5. Support hot plugging

Product application range

1. Wedding venue
2. Bar/KTV
3. Outdoor performance



Two multi-function inputs, two transformers, two XLR outputs

Type: Passive

Product net weight: 530g

Product shell: aluminum alloy

Impedance: 600: 600Ω /1KHz

Width, height and depth (mm): 128x84x48

General function: disconnect switch

Input: XLR/6.35mm

Output: XLR