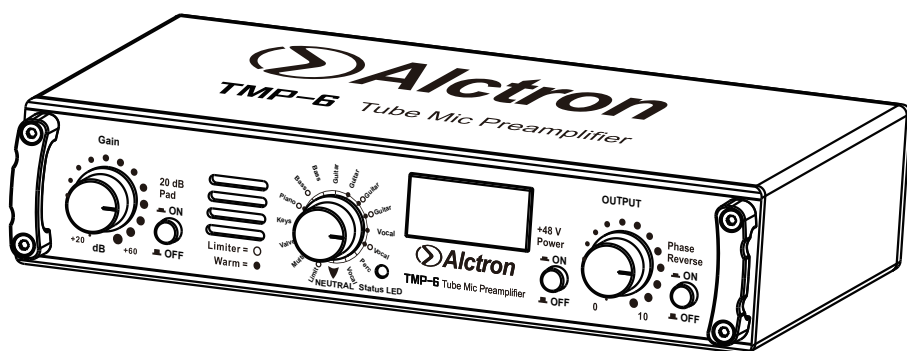




TMP-6 话筒信号放大器

MICROPHONE AMPLIFIER

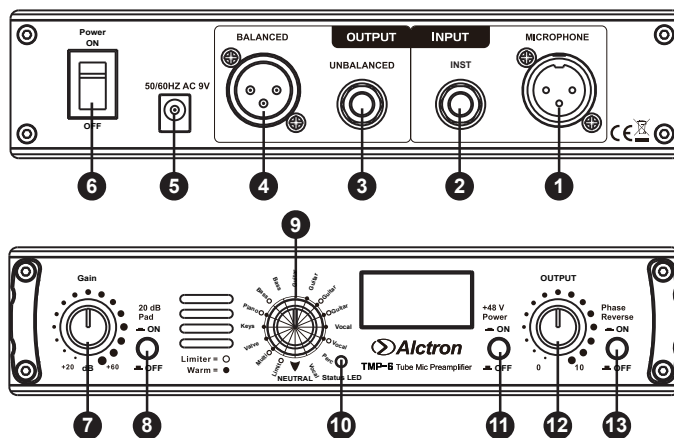
用户手册

Owner's Manual

GENERAL INTRODUCTION

TMP-6 tube mic preamp is perfect for studio and live applications. Its creative electronic circuit adds the tonal versatility and catches detail sound quality. The high quality 12AX7B tube amplifies sound in a premium way which makes the output sound more clear and natural. It has 16 different instrument tones for you to choose and two different input channels which make the TMP-6 suitable for more applications. Alum material ensures product sturdy and durable.

FUNCTION INTRODUCTION

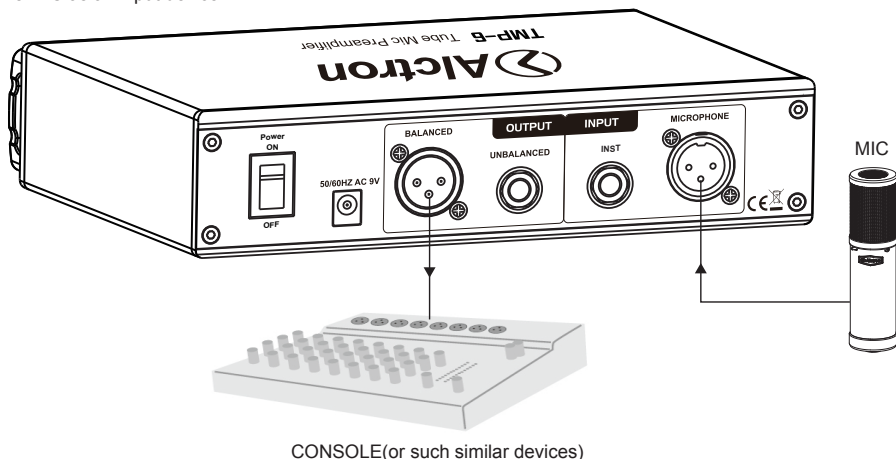


1. INPUT: 3-pin XLR, mic input, connects to mics. (Two input connectors cannot use at the same time)
 2. INPUT: 6.35mm instruments input connector, connects to instruments. (Two input connectors cannot use at the same time)
 3. OUTPUT: unbal 6.35 output instruments output connector, connects to audio interface, console such similar devices.
 4. OUTPUT: bal 3-pin XLR output connector, connects to audio interface, speaker, console such similar devices.
 5. 50-60HZ AC 9V: 50-60HZ general power connector.
 6. POWER: turn on or off the device.
 7. GAIN: input gain adjustable knob, adjusts the input gain.
 8. 20dB pad: press the button, signal will reduced by 20dB.
 9. Limiter= ○, warm= ●, limiter-warm= ○ - ●, neutral four modes combining with different instruments change to 16 different instrument tone. According to your own willing chooses the proper tone.
 - indicates warm tone. If your audio signal needs to add warmth analog tone, you can choose ● setting.
 - Vocal: vocal and singing
 - Guitar: electronic guitar
 - Keys: various keyboards
 - Valve: specific analog warmth tone
 - indicates limiter. If your audio signal needs limiter setting, you can choose ○ setting. This setting is a sound without tube tone.
 - Bass: bass guitar
 - Limit: limiter setting
 - ○ indicates warmth and limiter tone. When the volume reaches to clip you need to limit the signal volume and add warmth tone to your signal, so you may need this setting.
 - Vocal: vocal and singing
 - Guitar: acoustic guitar
 - Guitar: electronic guitar
 - Piano: upright piano and grand piano
 - Multi: multiple occasions
 - If your need natural tone without limiter and tube tone, you can choose neutral setting.
 - Neutral: natural tone
 - Vocal: enhanced vocal and singing
 - Guitar: enhances guitar and guitar power amp tone
 - Bass: enhances electronic guitar tone
- All these setting for your ref, different occasion asks different setting. According to your own willing, you can choose the proper one.

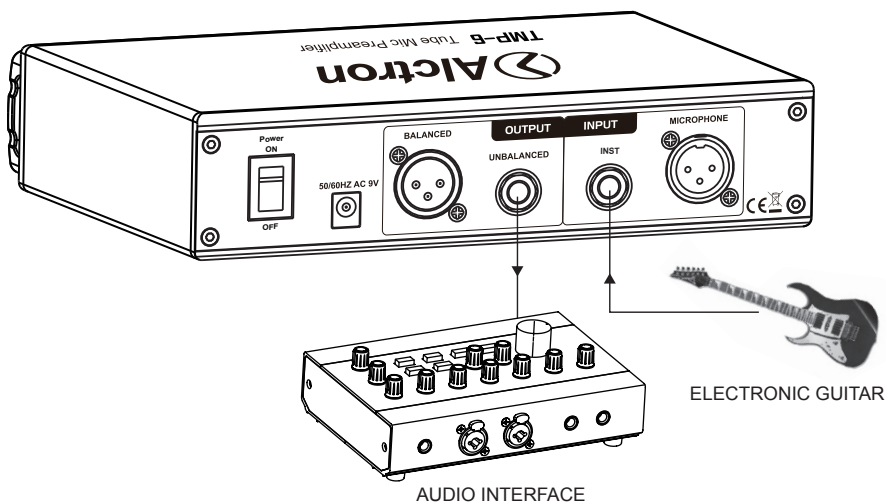
10. Status LED: bi-color status LED lights green after power is applied and if the level signal are adequate. It will light red whenever the signal at the value's output is about to clip. If the LED is constantly red, reduce the signal level with the gain control or activate a limiter preset. When a limiter preset is activated the LED will turn red whenever the output signal peaks exceed the limiter's threshold, at which point the limiter will reduce gain automatically to prevent output clipping.
11. +48V power: 48V phantom power, if your devices need 48V phantom power, turn on 48V offering 48V power to your devices.
12. OUTPUT: output level control knob, adjusts output level.
13. Phase reverse: phase button, changes the output phase that makes the output signal phase keeping the same.

CONNECTION

Take MIC as an input device



Take INST as an input device



SPECIFICATIONS

XLR input

- * Connector: balanced/unbalanced
- * Type: transformerless, DC-decoupled input
- * Impedance: approx 2kohm
- * Max input level: -7dBu/20dB with pad

1/4" TRS input

- * Connector: balanced/unbalanced
- * Type: transformerless, DC-decoupled input
- * Impedance: approx 1Mohm
- * Max input level: +16dBu/20dB with pad

Audio outputs

- * Connector: XLR and 1/4" TRS balanced/unbalanced
- * Type: transformerless, DC-decoupled output
- * Impedance: approx 700ohm bal/approx 350ohm unbal
- * Max output level: approx +16dBu@100kohm

SERVICE

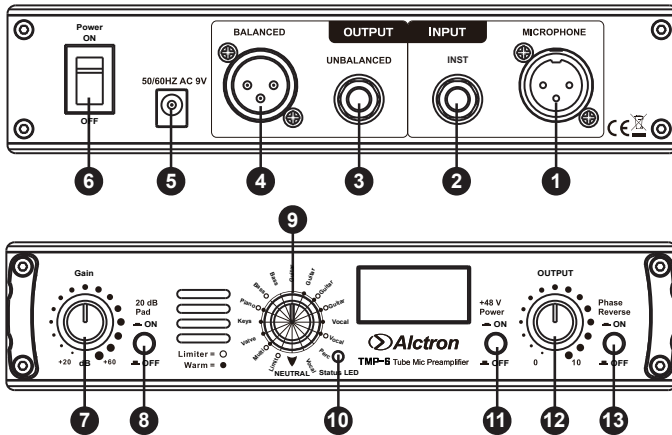
If your Product needs servicing, follow these instructions.

1. Ensure the problem is not related to operation error or external system devices.
2. Keep this owner's manual. We don't need it to repair the unit.
3. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. ALCTRON is not responsible for any damage that occurs due to non-factory packing.
4. Ship to the ALCTRON tech support center or the local return authorization.

产品简介

TMP-6是一款电子管话筒放大器适用于录音室，现场演出等。创新型的电子线路设计结合了电子管的特性，丰富了音色和声音的细节。高品质的12AX7B电子管对声音进行放大优化处理，让输出音质更加清晰自然。自带16种不同的乐器音色供您选择结合两种不同的输入接口使TMP-6适用于更多的场合。铝型材的壳身，稳定，坚固耐用。

功能介绍

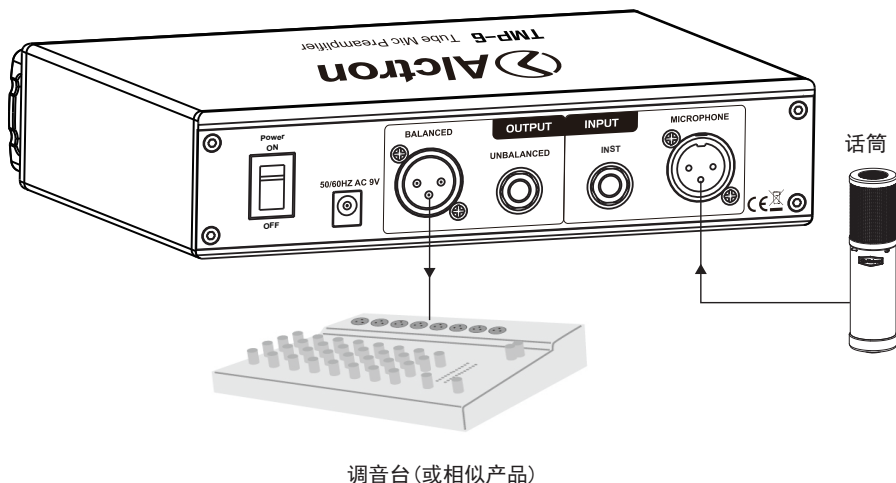


- 1、INPUT: 三针卡话筒输入接口，连接话筒（两个输入接口不能同时使用）
- 2、INPUT: 6.35mm乐器输入接口，连接乐器（两个输入接口不能同时使用）
- 3、OUTPUT: 非平衡6.35mm乐器输出接口，连接声卡，调音台类似设备。
- 4、OUTPUT: 平衡三针卡农输出接口，连接声卡，音箱，调音台类似设备。
- 5、50-60HZ AC 9V: 50-60HZ通用适配器接口。
- 6、POWER: 打开或者关闭设备。
- 7、GAIN: 输入增益调节按钮，调节输入增益。
- 8、20dB pad: 按下此开关，信号衰减20dB。
- 9、Limiter=○, warm=●, limiter-warm=○-●, neutral四大类模式，结合不同的乐器分为16种不同的音色效果。根据您自己的需求选择合适的效果。
●代表温暖的音色。如果您的音频信号需要添加温暖的模拟音色，您可以选择这个●。
Vocal: 人声和歌声
Guitar: 电吉他
Keys: 各种电子键盘乐器
Valve: 模拟信号特有的暖色音色
○代表有限制器。如果您的音频信号需要限制设置，您可以选择这个○，无电子管音色。
Bass: 贝斯吉他
Limit: 限制器设置
●○代表温暖但有限制的音色。如果您的音量达到了峰值您需要通过限制器来降低音量同时也给您的声音添加了温暖且有限制的音色。
Vocal: 人声和歌声
Guitar: 原声吉他
Guitar: 电吉他
Piano: 立式钢琴和三角钢琴
Multi: 各种场合
如果您需要自然的音色，无限制无电子管音色您可以选择自然效果。
Neutral: 自然原音
Vocal: 提高人声和歌声
Guitar: 提高吉他和吉他功放音色
Bass: 提高电吉他音色
所有的这些音色设置仅供您参考，根据您自身的需求选择一个合适的效果即可。

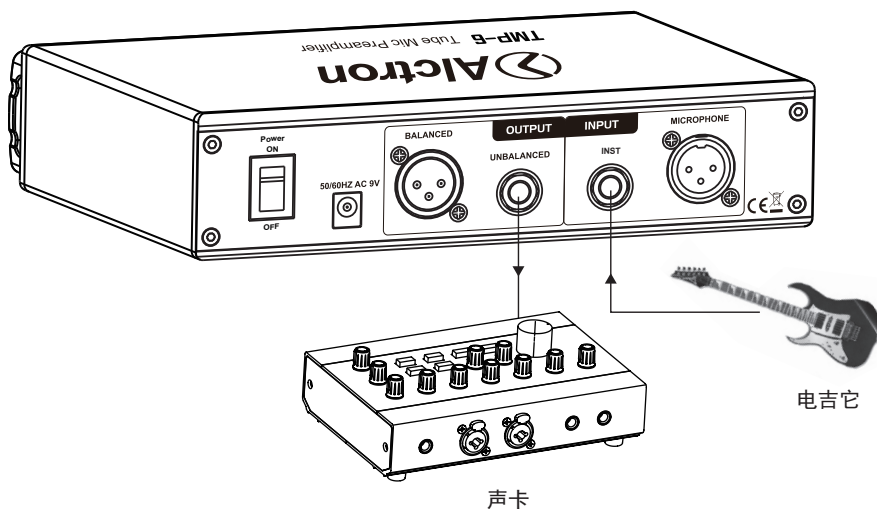
- 10、Status LED：双色的指示灯。当您开启TMP-6并伴有信号输入时亮起绿灯。当信号接近峰值时，LED会变成红色。如果红灯一直亮起，需要调节输入增益大小，或者启用输出保护限幅器。当输出保护限幅器开启后，只要输出信号等级超过限幅器与之时LED 会变成红色，此时限幅器会自动减小增益以避免输出信号达到峰值。
- 11、+48V电源：48V幻象电源开关，当您的设备需要48V电源供电的时候打开此开关即可。
- 12、OUTPUT：输出音量调节旋钮，调节输出音量。
- 13、Phase reverse：相位开关，调换输出信号的相位，使得输出信号的相位保持一致。

产品连接图

当MIC作为输入设备的时候



当INST作为输入设备的时候



XLR输入

- * 接口：平衡/非平衡
- * 类型：无变压器，DC耦合输入
- * 阻抗：大约2千欧
- * 最大输入电平：-7dBu/20dB with pad

1/4"TRS输入

- * 接口：平衡/非平衡
- * 类型：无变压器，DC耦合输入
- * 阻抗：大约1兆欧
- * 最大输入电平：+16dBu/20dB with pad

音频输出

- * 接口：卡农和1/4" TRS，平衡/非平衡
- * 类型：无变压器，DC耦合输出
- * 阻抗：大约700欧平衡/大约350欧非平衡
- * 最大输出电平：大约+16dBu@100kohm

保 修

如果您的产品需要维修，请按照以下说明操作：

1. 请确保不是因为操作不当或外部设备所造成。
2. 请保存好我们的说明书，返修的时候不必把说明书寄回给我们。
3. 返修的时候请用产品原来的包装箱来包装，这是非常重要的。如果你已丢失原包装，请确保您正确包装和保护好本产品。爱克创是不负责由于非原厂包装造成任何损害。
4. 运送到爱克创技术支持中心或当地的授权经销商。

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