

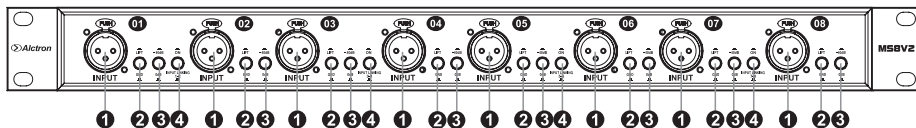
MS8V2 PASSIVE 8-CHANNEL AUDIO SIGNAL SPLITTER

GENERAL INTRODUCTION

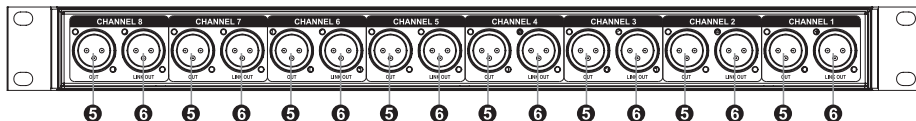
MS8V2 passive audio signal splitter splits one XLR input channel signal into two XLR output signal. Its unique de-noise electronics circuit adopts professional audio transformers, not only offering wide flat frequency response but also featuring low distortion and reducing radio frequency interaction. Each channel features input/output, ground lift switch, sensitivity attenuation switch and INPUT LINKING switch. Channel 1 and channel 2(channel 3 and channel 4/ channel 5 and channel 6/ channel 7 and channel 8) can be linked via INPUT LINKING switch. The alum shell ensures MS8V2 sturdy and fashion.

DESCRIPTION

FRONT PANEL



REAR PANEL

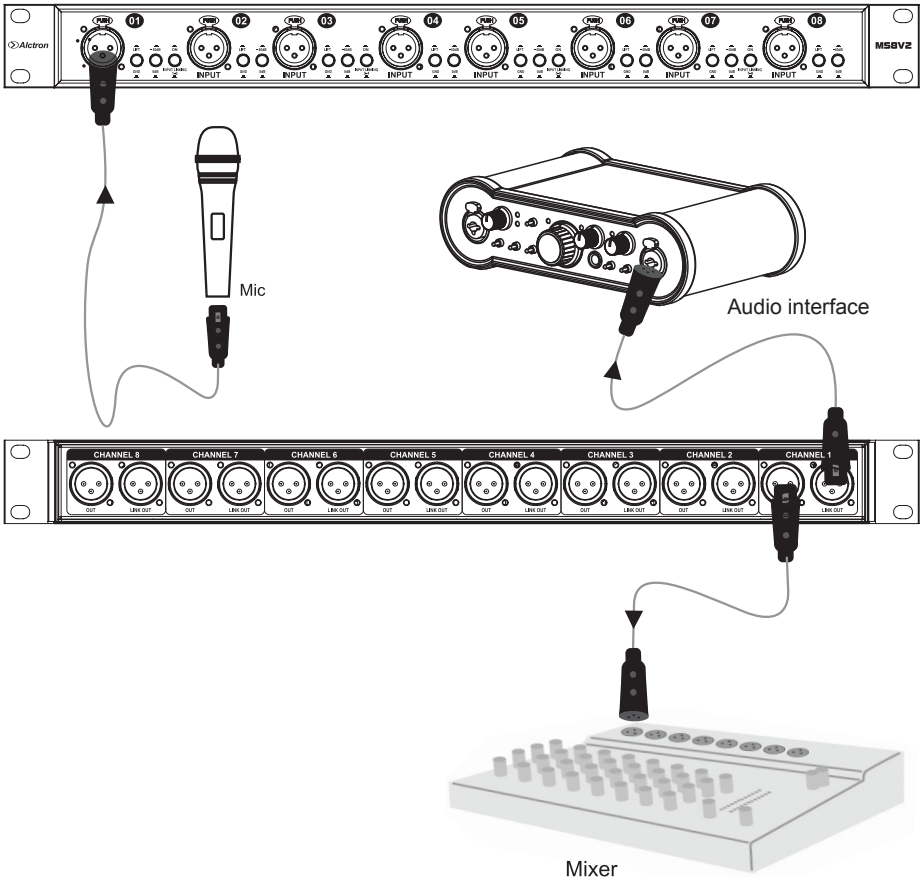


- 1.INPUT: 3-pin XLR input connector, via XLR cable to connect MS8V2 and devices with line signal (eg. mic), offering signal to MS8V2.
- 2.LIFT GND: ground switch, connect to input connector and output connector or independent two parts. It reduces the noise from ground, when the switch is in LIFT position, it indicating no ground.
- 3.0dB -40dB: sensitivity attenuator, lower the input signal sensitivity and avoid signal overload and distortion.
- 4.INPUT LINKING: linking switch, press the button to link channel 1 and channel 2 (channel 3 and channel 4/ channel 5 and channel 6/ channel 7 and channel 8) audio signals.
- 5.OUT: 3-pin XLR direct output connector, via XLR cable to connect MS8V2 and mixer(or other devices with line input).
- 6.LINK OUT: transformer isolated output connector, via XLR cable to connect MS8 and audio interface or recording system.

OPERATION

Here take mic as input device

1. Connects microphone to any INPUT on the MS8V2.
2. Connect corresponding OUTPUT to mic input on main mixer (if the mic is condenser, please turn on 48V phantom power on mixer).
3. Connect corresponding LINK OUT to mic input on secondary mixer or recording system(eg.audio interface).
4. Set GROUND LIFT switch to LIFT or GROUND. Use whichever setting provides lowest noise performance.



SPECIFICATION

- * Frequency response: 20hz-20khz
- * Total harmonic distortion: $\leq 0.26\%$ (20hz-20khz at -15dBu input)
 $\leq 0.1\%$ (45hz-20khz at -15dBu input)
- * Phase response: ≤ 10 degrees at 20khz
- * Input impedance: ≤ 1.1 kohms at 1khz
- * Output impedance: ≤ 225 ohms at 1khz
- * CMRR: ≥ 105 dB at 60hz; ≥ 80 dB at 3khz
- * Voltage insertion loss: Approximately 2dB at 1khz

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.

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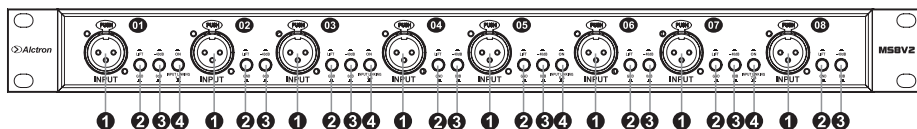
MS8V2无源8通道音频信号分离器

产品介绍

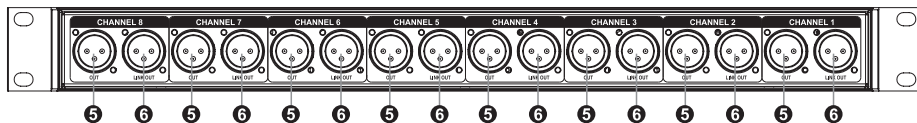
MS8V2无源音频信号分离器能够将一路XLR输入信号分为两路卡农输出信号。其独特的降噪电子线路采用专业音频变压器，带来延展平滑的频响同时兼具较低的失真度与降低无线电频率干扰性能。每个通道都带有独立的输入输出，接地开关，灵敏度衰减开关，以及INPUT LINKING开关。通过INPUT LINKING开关可以将通道1和通道2（通道3和通道4/通道5和通道6/通道7和通道8）信号混合。铝型材的材质，坚固美观。

描述

前面板



后面板

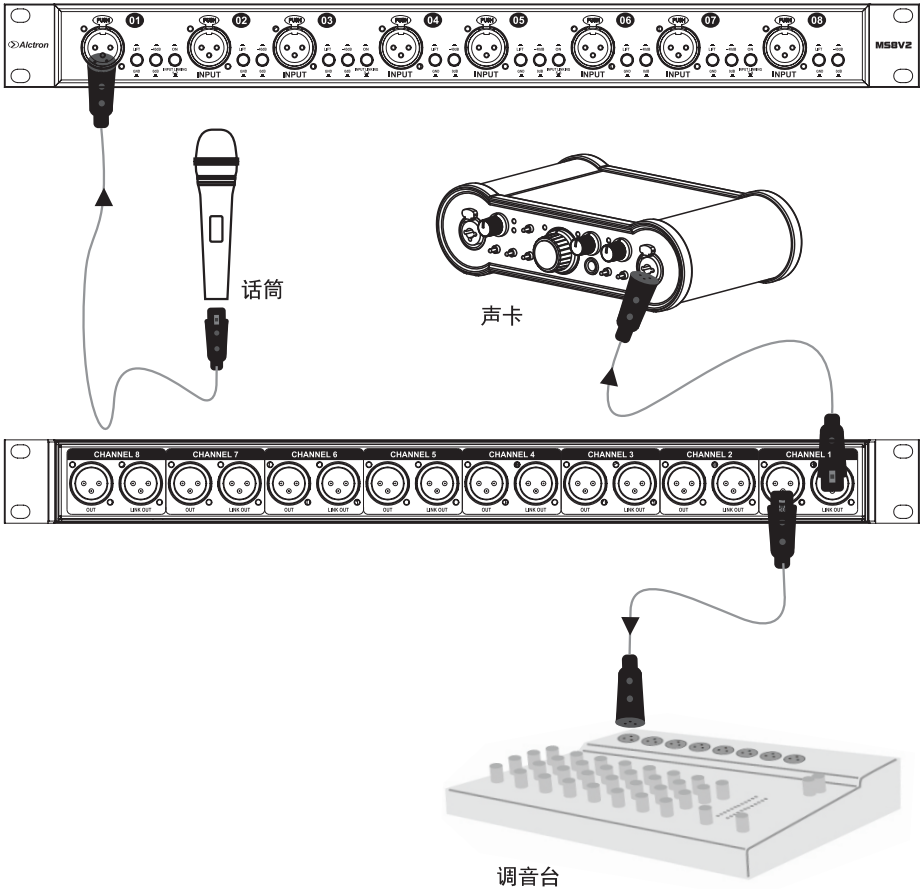


1. INPUT: 3针XLR输入接口，通过XLR连接线性信号设备（比如话筒）将信号传递给MS8V2。
2. LIFT GND: 接地开关，可连接输入与输出端间的接地或使两者完全独立，减少来自接地环路的噪声，当开关处于LIFT状态时表示未接地状态。
3. 0dB -40dB: 灵敏度衰减开关，降低输入信号灵敏度，防止信号过载出现削波现象。
4. INPUT LINKING: 连接开关，按下此开关，将通道1和通道2（通道3和通道4/通道5和通道6/通道7和通道8）信号混合。
5. OUT: 3针XLR直接输出接口，通过XLR连接MS8V2和调音台（或者其他带有线性输入的设备）。
6. LINK OUT: 变压器隔离输出接口，通过XLR连接MS8V2和声卡或录音系统。

产品应用

此处以话筒作为输入设备为例

1. 连接话筒到MS8V2的INPUT。
2. 连接调音台上的MIC INPUT到MS8V2后面板上的OUTPUT(如果是电容话筒, 请将调音台上的48V幻象电源)。
3. 连接另一台调音台上的MIC INPUT或者录音系统(比如声卡)到MS8后面板上的LINK OUT。
4. 将GROUND LIFT (接地开关) 打到LIFT或者GROUND的位置。总而言之就是要达到最小噪音的效果。



参数

- * 频响: 20hz-20khz
- * 失真度: $\leq 0.26\%$ (20hz-20khz 在-15dBu 输入)
 $\leq 0.1\%$ (45hz-20khz 在-15dBu 输入)
- * 相位反映: $\leq 10^\circ$ 在20khz的时候
- * 输入阻抗: $\leq 1.1\text{kohms}$ 在1khz的时候
- * 输出阻抗: $\leq 225\text{ohms}$ 在1khz的时候
- * CMRR: $\geq 105\text{dB}$ 在60hz的时候; $\geq 80\text{dB}$ 在3khz的时候
- * 电压损耗: 将近2dB在1khz的时候

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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