

RP-L1, RP-L2, & RP-S4
Remote Panels
Instruction Manual

RP-L1 & RP-L2

Remote Panels (Level)

RP-L1: The RP-L1 is a remote control panel, which consists of a single 25kΩ linear taper potentiometer mounted on a grey ‘decorator’ style cover plate, with a single-gang ‘cut-in’ style PVC electrical back-box and a pre-wired pigtail. The RP-L1 may be used to provide remote control of volume levels as specified for the following BIAMP products:

<u>products</u>	<u>functions</u>
801 Mic/Line Mixer	Main Output (level)
601 Mic/Line Mixer	Main Output (level)
301 Mic/Line Mixer	Main Output (level)
CMA Series Mixer/Amplifiers	Main Output (level)
IWA250 In-Wall Mixer/Amplifier	Inputs/Outputs (level)
Voltage Control Box	<u>Various Products</u>
	Audia (programmable)
	Nexia (programmable)

The RP-L1 includes a pre-wired pigtail for ease of installation. This pigtail consists of three 22-gauge wires, which are color-coded for wiring as follows:

Red	Wiper.	Control Terminal (C)
White.	High (CW)	Control Voltage (+10V)
Green	Low (CCW).	Ground (GND)

See product manuals for remote control applications and wiring specifics. Soldered connections with heat-shrink, or properly sized crimp connectors, are recommended. See last page for back-box installation & block diagrams.



RP-L2: The RP-L2 is a remote control panel, which consists of two 25kΩ linear taper potentiometers mounted on a grey ‘decorator’ style cover plate, with a single-gang ‘cut-in’ style PVC electrical back-box and two pre-wired pigtails. The RP-L2 may be used to provide remote control of volume levels as specified for the following BIAMP products:

<u>products</u>	<u>functions</u>
801 Mic/Line Mixer	Main Output (level)
601 Mic/Line Mixer	Main Output (level)
301 Mic/Line Mixer	Main Output (level)
CMA Series Mixer/Amplifiers	Main Output (level)
IWA250 In-Wall Mixer/Amplifier	Inputs/Outputs (level)
Voltage Control Box	<u>Various Products</u>
	Audia (programmable)
	Nexia (programmable)

The RP-L2 includes two pre-wired pigtails for ease of installation. Each pigtail consists of three 22-gauge wires, which are color-coded for wiring as follows:

Red	Wiper.	Control Terminal (C)
White.	High (CW)	Control Voltage (+10V)
Green	Low (CCW).	Ground (GND)

See product manuals for remote control applications and wiring specifics. Soldered connections with heat-shrink, or properly sized crimp connectors, are recommended. See last page for back-box installation & block diagrams.

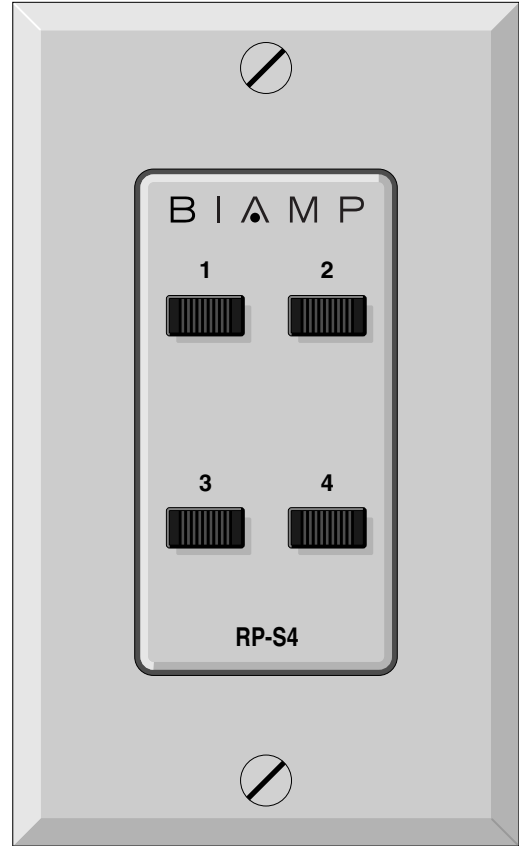


RP-S4

Remote Panel (Switches)

RP-S4: The RP-S4 is a remote control panel, which consists of four double-pole*/double-throw switches mounted on a grey 'decorator' style cover plate, with a single-gang 'cut-in' style PVC electrical back-box and four pre-wired pigtails. The RP-S4 may be used to provide remote control switching as specified for the following BIAMP products:

<u>products</u>	<u>functions</u>
801 Mic/Line Mixer	Main Output (mute)
601 Mic/Line Mixer	Main Output (mute)
301 Mic/Line Mixer	Main Output (mute)
CMA Series Mixer/Amplifiers	Main Output (mute)
IWA250 In-Wall Mixer/Amplifier.	Inputs/Outputs (mute)
VSX41 Video Switcher	Inputs 1~4 (selection)
VRAM Automatic Mixer.	programmable logic inputs
MSP11 Signal Processor	programmable logic inputs
MSP22e Signal Processor	programmable logic inputs
SPM723 Stereo Preamp/Mixer	programmable logic inputs
Voltage Control Box.	<u>Various Products</u>
	Audia (programmable)
	Nexia (programmable)
Logic Box	<u>Various Products</u>
	Audia (programmable)
	Nexia (programmable)



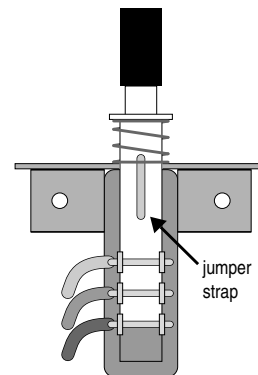
The RP-S4 includes four pre-wired pigtails for ease of installation. Each pigtail consists of three 22-gauge wires, which are color-coded for wiring as follows:

- White Up (released - out)
- Red Center (wiper)
- Green Down (depressed - in)

See product manuals for remote control applications and wiring specifics. Soldered connections with heat-shrink, or properly sized crimp connectors, are recommended. See last page for back-box installation & block diagrams.

* **NOTE:** Factory wiring (across both switch poles) provides single-pole operation. This may be modified if double-pole switch operation is desired.

Momentary Switch Operation: From the factory, RP-S4 switches provide a 'push-on/push-off' (latching) type of operation. For some applications (*especially when used with the **RIK** Remote Interface Kit*), the switch operation must be 'momentary' (non-latching). The RP-S4 switches each include a small removable metal jumper strap which provides the latching function. For momentary switch operation, remove the jumper strap from each switch using needle-nose pliers. One end of the jumper is under the switch spring, which may need to be gently moved out of the way. If latching operation should again become necessary, replace the jumper straps by reversing this process.



Back-Box Installation

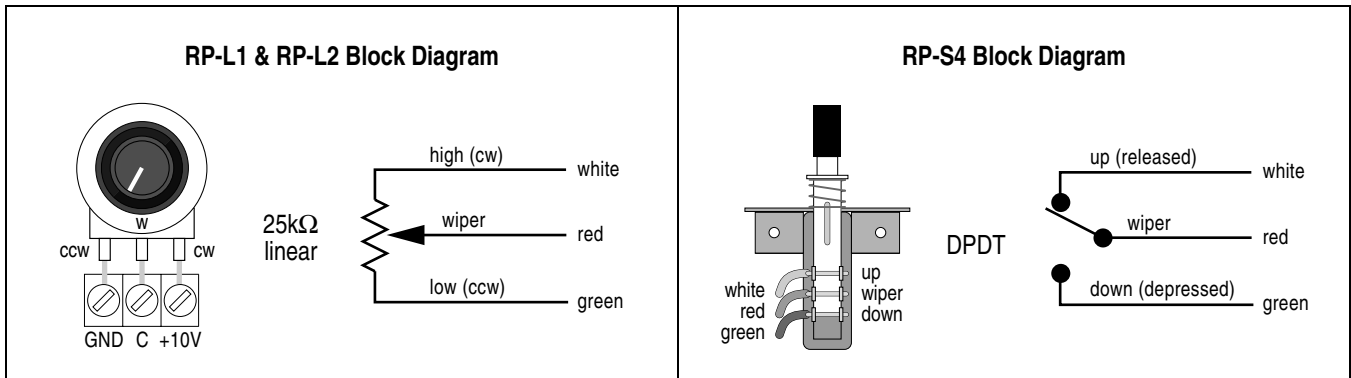
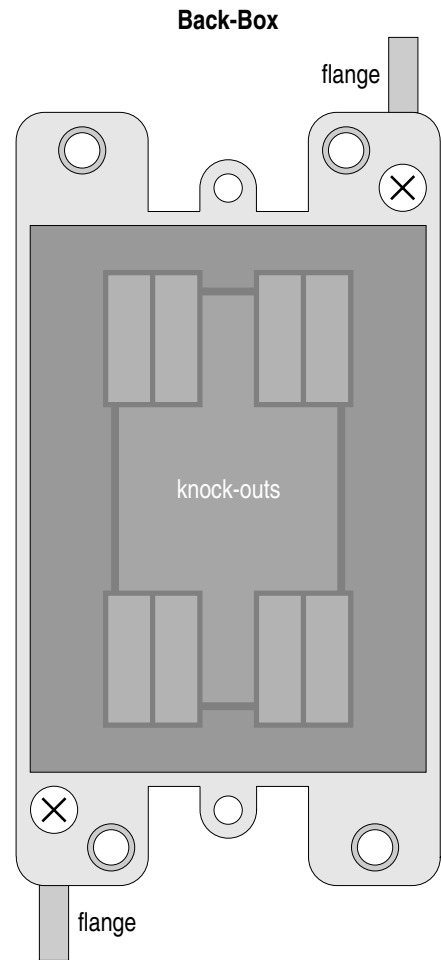
Remove the back-box from the front panel (controls). Route cables through a 'knock-out' hole on the rear of the back-box. Install the back-box in a wall or panel, in the same orientation as any standard single-gang electrical box.

The mounting surface may be from 1/8" to 1" thick.
(3.175mm to 25.4mm)

The mounting cavity must be exactly 3.6" high,
2.25" wide, and at least 2.75" deep.
(91.44mm H x 57.15mm W x 69.85mm D)

Insert the back-box into the wall or panel, then tighten the flange screws until the flanges hold the box securely in place. Wire the remote panel pre-wired pigtails to the appropriate cable conductors. Soldered connections with heat-shrink insulation, or properly sized wire nuts, are recommended. Mount the front panel to the back-box, being careful not to pinch or short the wires.

NOTE: When an RP-S4 is used with an **RIK** Remote Interface Kit, the RIK circuit board will not fit inside the standard single-gang electrical back-box. Therefore, the RIK must be installed external to the back-box (*yet close enough to be connected using the wire harnesses provided*). An alternative is to utilize a double-wide electrical back-box, which has the additional space for an RIK.



有害物质表

Biamp 系统
RP-L1、RP-L2 和 RP-S4
远程控制设备

部件名称	有毒有害物质或元素					
	Pb (铅)	Hg (汞)	Cd (镉)	Cr+6 (六价铬)	PBB	PBDE
RP-L1、RP-L2 或 RP-S4 设备	X	○	X	○	○	○
墙壁装饰板	○	○	○	○	○	○
出线盒	○	○	○	○	○	○
安装硬件	○	○	○	○	○	○
手册和其他书面文档	○	○	○	○	○	○
包装箱和所有包装材料	○	○	○	○	○	○

O: 表示该部件所有均质材料中的这种有毒有害物质低于 SJ/T11363-2006 的限制要求

X: 表示该部件中至少有一种均质材料所含的这种有毒有害物质高于 SJ/T11363-2006 的限制要求。

在电触头和（或）镀锡所含的均质材料中，锡及其化合物的含量可以超过 0.01%，但欧盟指令 91/338/EEC（根据欧盟指令 76/769/EEC）限制销售和使用某些危险物质和制剂部分中所禁止的用途除外。

在以下一种或多种物质所含的均质材料中，铅及其化合物的含量可以超过 0.1%:

- 1) 电子元器件中玻璃内所含的铅
- 2) 铅在钢材中是作为一种合金元素，含量可达 0.35%。
- 3) 铅在铝材中是作为一种合金元素，含量可达 0.4%。
- 4) 铅在铜材中是作为一种合金元素，含量可达 4%。
- 5) 高熔点类焊料中的铅（即铅锡合金，铅含量超过 85%）。
- 6) 电子陶瓷部件内的铅。
- 7) 由两种以上元素组成的焊料中所含的铅，用于连接引脚和微处理器包装，其中铅的含量超过 80% 但低于 85%。
- 8) 顺应针连接系统内的铅。
- 9) 倒装芯片封装中半导体芯片及载体之间形成可靠连接所用焊料中的铅。



在正常使用情况下，中国环保使用期限为 10 年，条件是：

- 环境温度为 0-40C (32-104°F)
- 湿度为 0-95%，无凝结
- 海拔高度为 0-10,000 英尺
- 气流不受阻碍
- 没有水或其他液体进入任何部件
- 电源为 95-265V AC, 50/60Hz
- 部件没有损坏（损坏部件应立即修理）
- 由工厂授权人员使用批准的材料进行所有维修



EU RoHS COMPLIANT

This Biamp product -- including all attendant cables and accessories supplied by Biamp -- meets all requirements of EU Directives 2002/95/EC of January 27, 2003, and 2005/618/EC of August 18, 2005, the EU RoHS Directives. An EU RoHS Materials Content Declaration document may be obtained at <http://www.biamp.com>