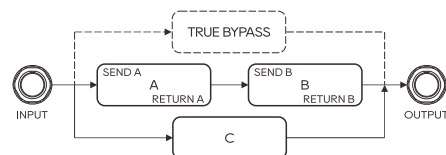


**SONICAKE**  
TASTE IT

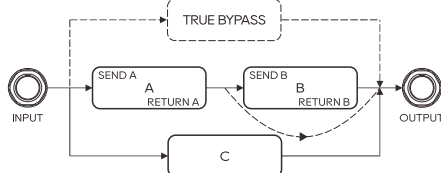
PORTAL

**Circuit Schematic (Series -A-B-) 线路图(串联-A-B-)**

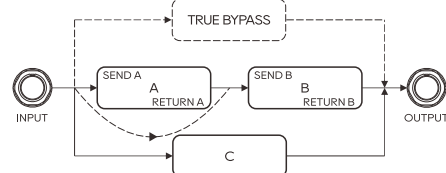
When both the A and B footswitches are turned on, the A and B channels are connected in series:  
当踩钉A、B都为打开状态时，AB通道为串联：



When the A footswitch is on and the B footswitch is off, channel B is bypassed:  
当A踩钉打开B踩钉关闭时，B通道被旁通：

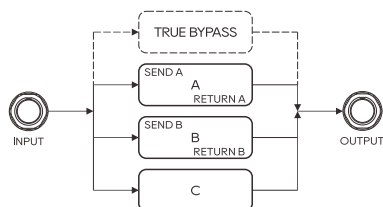


When the B footswitch is on and the A footswitch is off, channel A is bypassed:  
当B踩钉打开A踩钉关闭时，A通道被旁通：



**Circuit Schematic (Parallel -[A/B]-) 线路图(并联-[A/B]-)**

Note: When the A/B/C footswitches are all turned off, it is a true bypass  
注意：当A/B/C踩钉都关闭时，此时信号输出为真实旁通



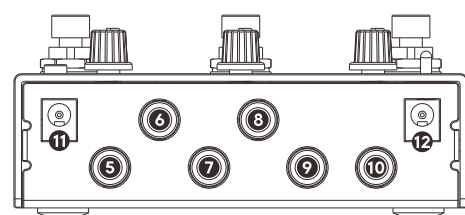
**Specifications:**

**Power:** DC 9V 5.5x2.1mm center negative, 97mA  
**Dimensions:** 124mm (D) x 90mm (W) x 54.8mm (H)  
**Weight:** 389g  
**Input Impedance:** 1M Ohms  
**Output Impedance:** 1k Ohms  
**Send A Impedance:** 1k Ohms  
**Send B Impedance:** 1k Ohms  
**Return A Impedance:** 100k Ohms  
**Return B Impedance:** 100k Ohms

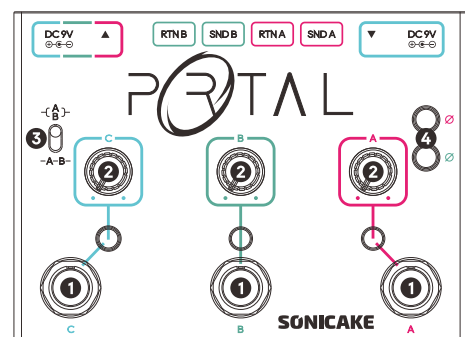
**规格参数:**

电源: DC 9V 内负外正, 97mA  
电源接口尺寸: 5.5mm x 2.1mm  
尺寸: 124mm (长) x 90mm (宽) x 54.8mm (高)  
重量: 389g  
输入阻抗: 1MΩ  
输出阻抗: 1kΩ  
Send A阻抗: 1kΩ  
Send B阻抗: 1kΩ  
Return A阻抗: 100kΩ  
Return B阻抗: 100kΩ

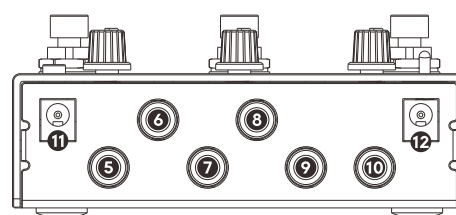
**Portal** is an active signal mixer with two working modes: parallel and series. In parallel mode, the signal mixer has two send/return loops and one main output, which can combine three independent inputs into one, or can be used as an active ABY as needed. In series mode, A and B are series channels. When the A/B switch is closed, channel A or B is bypassed. When all three switches are closed, it is true bypass.



- 1 C channel switch  
B channel switch  
A channel switch
- 2 Control the volume of channel C  
Control the volume of channel B  
Control the volume of channel A
- 3 Switch between parallel and series mode
- 4 A/B channel phase inversion button
- 5 Plug in your instrument
- 6 A channel signal sending interface
- 7 A channel signal return interface
- 8 B channel signal sending interface
- 9 B channel signal return interface
- 10 Main output
- 11 DC 9V power input
- 12 Additional DC 9V power output



**Portal**为有源信号混合器，有并联、串联两种工作模式。并联模式下信号混合器有两个发送/接收回路和一个主输出，既可以将三个独立输入合而为一，也可以根据需要作为有源ABY使用。串联模式下A、B为串联通道，A或B开关关闭时，通道A或B被旁通。当三个开关全部关闭时，输出信号为真实旁通信号。



- 1 C通道开关，B通道开关，A通道开关
- 2 C通道音量控制旋钮，B通道音量控制旋钮，A通道音量控制旋钮
- 3 并联/串联模式切换开关
- 4 A/B通道相位反转按钮
- 5 乐器输入接口
- 6 A通道信号发送接口
- 7 A通道信号接收接口
- 8 B通道信号发送接口
- 9 B通道信号接收接口
- 10 主输出接口
- 11 DC 9V电源输入接口
- 12 DC 9V电源输出接口

