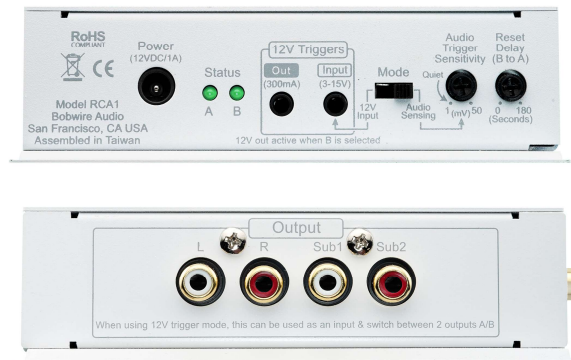


## RCA1 Automatic High Sensitivity RCA Audio Selector



The Bobwire RCA1 is a four channel RCA audio A/B switch. The RCA1 will automatically switch between two audio sources (4 channels each) and send the audio signal on to one output such as an amplifier and/or subwoofers (2 IN & 1 OUT). The Mode switch determines whether the RCA1 will operate by audio sensing or by a 12V trigger input. An alternative setup would have a single audio source and the RCA1 will switch between two outputs (1 IN & 2 OUT) but this is only possible in 12V trigger mode.

A common use for the RCA1 is to switch audio between a surround sound receiver (with preamp outputs) and a high-end stereo preamp (often called home theater bypass). All 4 channels of the RCA1 are identical and can be used for full-range or subwoofer signals. The copper circuit board traces and the highest quality gold contact relays ensure the purest audio signal path. The ultra-sensitive audio detection circuit is 100% analog & remains out of the signal path at all times.

- Activated by audio sensing or 12V trigger
- High sensitivity audio detection
- 12V Trigger input and output
- Adjustable audio trigger sensitivity
- Adjustable reset delay time
- High power 12V output can control additional Bobwire products or other equipment
- Audio grade gold plated relay contacts
- Pure copper circuit board traces
- 100% Analog circuits & operation
- Gold plated RCA jacks
- Extremely low noise and distortion
- Switches 4 channels of audio
- Built-in mounting bracket

<b>Frequency Response :</b>	1Hz to 100kHz (+/-0.1dB)	<b>Reset Delay Time (B to A) :</b>	1-180 seconds (audio mode only)
<b>Total Harmonic Distortion (THD) :</b>	less than 0.001%	<b>Power Supply Output :</b>	12VDC 1A (center pin is positive)
<b>Channel Separation (crosstalk) :</b>	more than 100dB	<b>Power Supply Input :</b>	100-250 VAC 50/60Hz
<b>Signal to Noise Ratio :</b>	more than 120dB	<b>Power Supply Connector Size :</b>	5.5mm X 2.1mm
<b>12V Trigger Output :</b>	12VDC (300mA max)	<b>Power Draw (self consumption) :</b>	1.0 Watts (0.4 watts idle)
<b>12V Trigger Input :</b>	3-15 VDC (5mA draw)	<b>Weight (device only/boxed) :</b>	1.5lb (0.7kg) / 2.3lb (1.1kg)
<b>Audio Trigger Sensitivity :</b>	1mV to 50mV (audio signal)	<b>Dimensions (without cables) :</b>	7.4"x5.0"x1.4" (188x127x36mm)
<b>Audio Trigger Detection Frequency :</b>	20Hz to 10kHz		
<b>Audio Trigger Info :</b>	All 4 of the B input RCA jacks are audio sensing. For the highest sensitivity you may use "Y" cables to send audio to all of the B input jacks.		
<b>Mounting Options :</b>	Use the built in mounting "ears" with screws or zip ties to mount to a wall or equipment rack or stick on rubber pads for tabletop use.		
<b>Included Accessories :</b>	RCA1 Device, power supply, 3.5mm "mono" 12V trigger cable, tabletop rubber pads.		