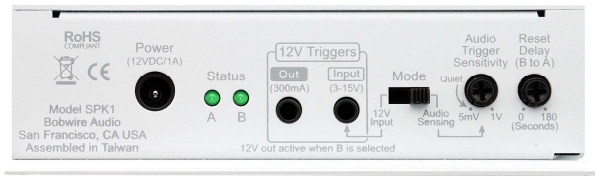


SPK1 Automatic High Current Amp/Speaker Selector



The Bobwire SPK1 is a high-power handling two channel (stereo) speaker level A/B switch. The SPK1 will automatically switch between two audio amplifiers and send the audio signal on to one pair of speakers (2 IN & 1 OUT). The Mode switch determines whether the SPK1 will operate by audio sensing or by a 12V trigger input. An alternative setup would have a single audio amplifier and the SPK1 will switch between two pairs of speaker outputs (1 IN & 2 OUT) but this is only possible in 12V trigger mode. The double thick 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
- Built-in mounting bracket
- High power 12V output can control additional Bobwire products or other equipment
- Audio grade gold plated relay contacts
- Double thick copper circuit board traces
- 100% Analog circuits & operation
- 5-way gold plated binding posts
- High continuous current capable
- Up to 600 Watts continuous power rating
- Extremely low noise and distortion
- Works with all amps including Class D & BTL

Frequency Response :	1Hz to 100kHz (+/-0.1dB)	Reset Delay Time (B to A) :	1-180 seconds (audio mode only)
Total Harmonic Distortion (THD) :	less than 0.001%	Speaker Binding Post :	6-AWG wire/bananas/spades
Channel Separation (crosstalk) :	more than 80dB	Power Supply Output :	12VDC 1A (center pin is positive)
Signal to Noise Ratio :	more than 120dB	Power Supply Input :	100-250 VAC 50/60Hz
12V Trigger Output :	12VDC (300mA max)	Power Supply Connector Size :	5.5mm X 2.1mm
12V Trigger Input :	3-15 VDC (5mA draw)	Power Draw (self consumption) :	1.5 Watts (0.4 watts idle)
Audio Trigger Sensitivity :	5mV to 1V (audio signal)	Weight (device only/boxed) :	1.8lb (0.82kg) / 2.6lb (1.2kg)
Audio Trigger Detection Frequency :	20Hz to 10kHz	Dimensions (w/ binding posts) :	7.7"x5.6"x1.4" (195x142x36mm)
Power Handling (RMS continuous) :	600 Watts /ch (8 Ohm speakers) 300 Watts /ch (4 Ohm speakers)	Power Handling (short peak) :	1000 Watts /ch (8 Ohm speakers) 500 Watts /ch (4 Ohm speakers)
Amplifier Power Compatibility :	Amps w/ higher power than these ratings may be used assuming the SPK1 is not switched while operating at such high power levels.		
Amplifier Type Compatibility :	All types: single-ended, BTL, push-pull, classD, (vacuum tube amps usually need to be loaded with resistors, check with manufacture).		
Mounting Options :	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.		
Included Accessories :	SPK1 Device, power supply, 3.5mm "mono" 12V trigger cable, tabletop rubber pads.		