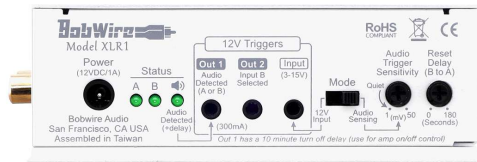


XLR1 Automatic High Sensitivity Balanced Audio Selector



The BobWire XLR1 is a two channel(stereo) balanced XLR audio A/B selector. The XLR1 will automatically switch between two XLR inputs or one XLR input and one RCA input and send the audio signal to one XLR output. The Input B XLR/RCA switch determines if Input B will be balanced(XLR) or unbalanced(RCA). The Mode switch determines whether the XLR1 will operate by audio sensing or by a 12V trigger input signal. An alternative setup would have a single audio source and the XLR1 will switch between two XLR outputs (1 IN & 2 OUT) but this is only possible in 12V trigger mode.

A common use for the XLR1 might be to switch audio between a high-end balanced/XLR stereo preamp and a surround sound receiver with RCA preamp outputs (often called home theater bypass). The audio detecting 12V trigger output can be used to turn on your amplifier on/off when either system is being used (assuming your amp has a 12V trigger input). The audio signal remains fully balanced from input to output. 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 & two different outputs
- Adjustable audio trigger sensitivity
- Adjustable reset delay time
- High power 12V output can control additional BobWire products or amplifier on/off
- Built-in mounting bracket
- Signal remains fully balanced input to output
- RCA input converted to balanced using active precision phase inverters
- Audio grade gold plated relay contacts
- Gold plated locking XLR jacks
- Pure copper circuit board traces
- 100% Analog circuits & operation
- Extremely low noise and distortion

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%	Power Supply Output :	12VDC 1A (center pin is positive)
Channel Separation (crosstalk) :	more than 100dB	Power Supply Input :	100-250 VAC 50/60Hz
Signal to Noise Ratio :	more than 120dB	Power Supply Connector Size :	5.5mm X 2.1mm
12V Trigger Output :	12VDC (300mA max)	Power Draw (self consumption) :	1.5 Watts (0.4 watts idle)
12V Trigger Input :	3-15 VDC (5mA draw)	Weight (device only/boxed) :	1.7lb (0.8kg) / 2.5lb (1.3kg)
Audio Trigger Sensitivity :	1mV to 50mV (audio signal)	Dimensions (without cables) :	7.4"x5.0"x1.6" (188x127x41mm)
Audio Trigger Detection Frequency :	20Hz to 10kHz		
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 :	XLR1 Device, power supply, 3.5mm "mono" 12V trigger cable, tabletop rubber pads.		