

Instructions for Audio Sensor B (AS-B)

Senses an audio signal and closes a relay contact.

Features a high impedance audio loop through.

Input voltage: 12VDC @ 75mA

Output contact: NO, NC and COM

Connector: 5-position removable terminal strip

Detection: -55dBm to -45dBm @ 1kHz

Sensitivity: Max sensitivity -55dBm @ 1kHz (3.9mV peak to peak)

Always active at > -45dBm (40mV peak to peak)

Delay: 10 seconds to 30 seconds (after loss of signal)

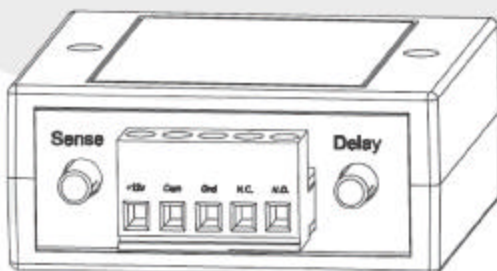
To connect the Audio Sensor B:

Attach +12VDC to +12V on terminal block, attach Ground to Gnd on terminal block. Next, attach to the COM for your common relay connection and either N.O.(normally open) or N.C.(normally closed) connections to the relay closure.

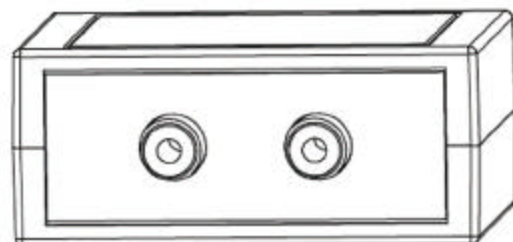
When the audio signal is detected, the Audio Sensor will close a relay contact between the COM and N.O. terminals and open the contact between COM and N.C. When the signal is absent, COM and N.O. terminals will be open and COM and N.C. terminals will be connected.

The Sense adjustment allows you to set the audio level required to trigger the sensor, from -55dBm (3.9mV peak to peak) to -45dBm (40mV peak to peak). The sensor will always be triggered for audio signals over 40mV peak to peak.

The Delay adjustment allows you to change the time delay from loss of signal to deactivation of the sensor.



Sense adjustment, power connections,
VDC output and contact closure



Audio input/output