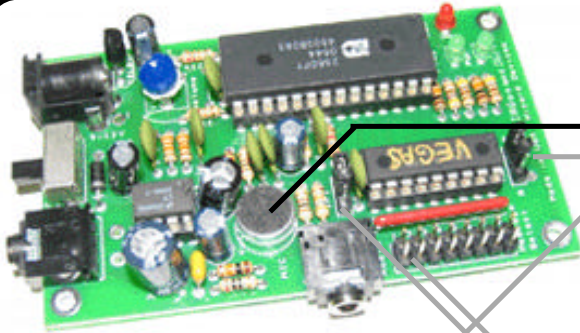


Sound Board - 60 VEGAS Quick Start

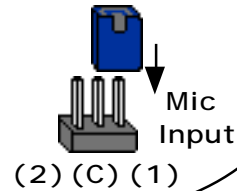
Controller

Ver 1.0



Microphone

Jumper Block Configuration



Recording - Single Channel (1)

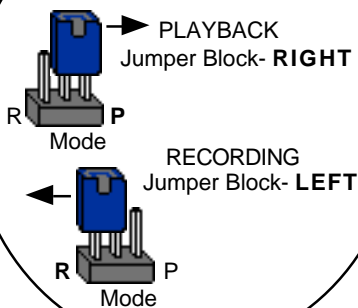
Using On board - Microphone

(1) Place the **Source Input** jumper block in the **Mic** position to use the Microphone on board.

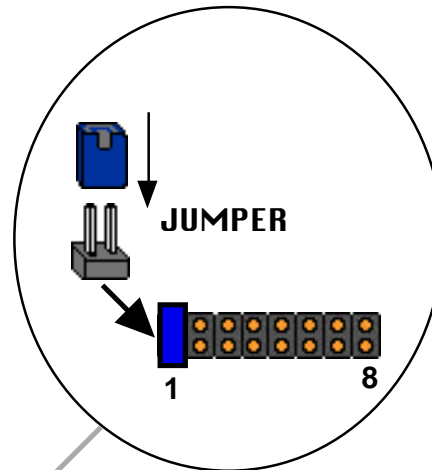
(1) Place the **R/P Mode** jumper block in the **R** position (RECORD) to enter record mode.
(Jumper Installed - Left)

Record Mode
Play-Back Mode

Jumper Block Configuration



Channel 1

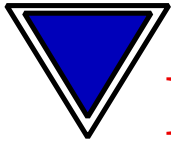


(2) Place a shorting block between pin pair -1. Speaking audio into the microphone. The **Red LED** will turn ON and the board will continue to record while the shorting block is on pin pair -1.

(NOTE Sound recording starts immediately when the jumper block is placed on pins pair set 1)

(3) At the end of the audio recording, remove the shorting block on pin pair -1.

(4) To end the recording session, remove the **R/P Mode** jumper from **R** side terminals and move it over to the **P** side terminals.



Sound Board - 60 VEGAS

Controller

Ver 1.0

Operation Cont.

PLAY-BACK MODES

(1) Turn Off Power to Board.

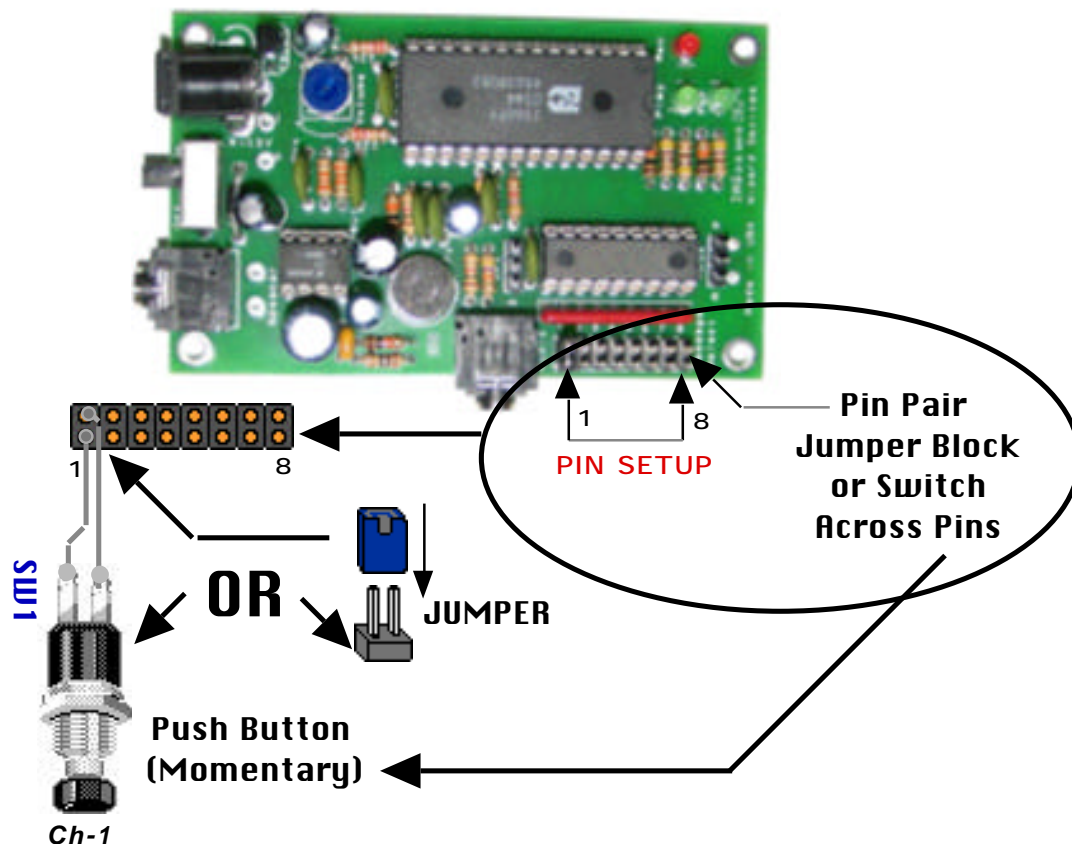
(2) Set the on board volume control to mid-way.

(3) Place the **R/P Mode** jumper block in the **P** position to enter playback mode. (Jumper Installed - **Right**).

(4) Turn On Power to Board

(5) Place a jumper block across **Pin Pair-1** (or connected switch -1).the **Green** LED will turn ON and audio Ch-1 should be heard from the attached speaker.

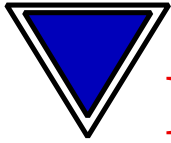
(6) Adjust the volume control to provide the required audio output level - you will probably find the output from the included amplifier is sufficient for most exhibitions / rooms. Connect the speaker output signal to a remote power amplifier for larger rooms or if greater volume if needed.



Custom Equipment, Unique Electronic Products

Blue Point Engineering

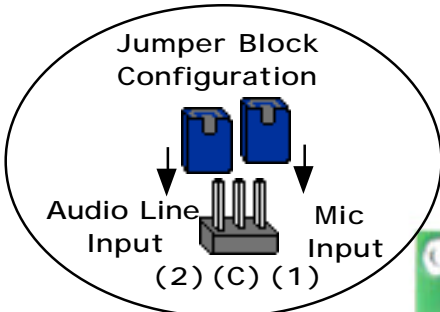
Phone (303) 651-3794
www.BPEsolutions.com



Sound Board - 60 VEGAS

Controller

Audio Input - Mic or Audio Line Jack



Sound INPUT
1V p-p

Microphone

OR

Audio Cable

Sound Source

OR

OR

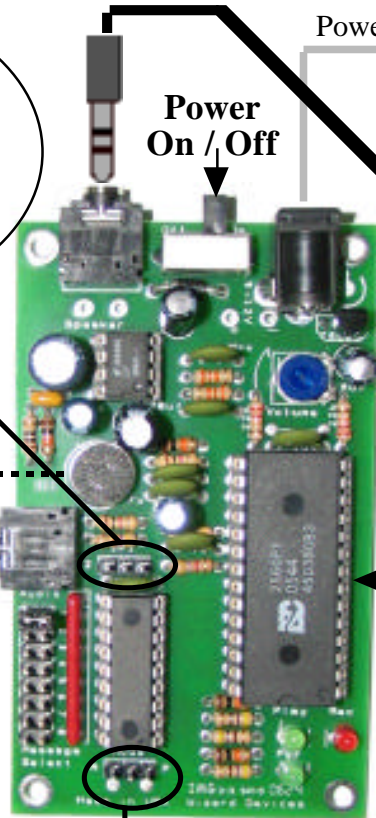


Computer Sound Port

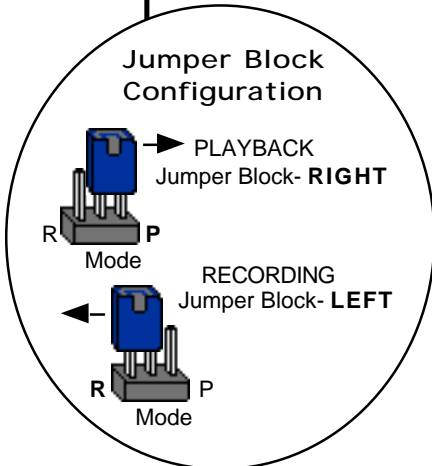
OR



CD Player



Record Mode
Play-Back Mode

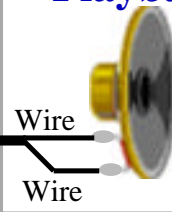


Sound IC Chip

OR

Sound Recording Playback

Speaker Playback



OR

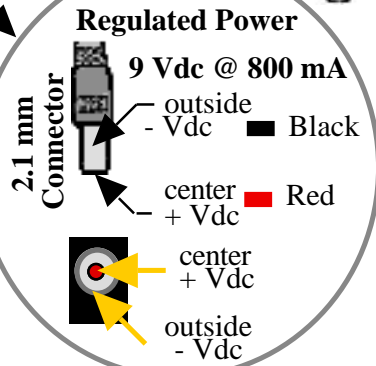
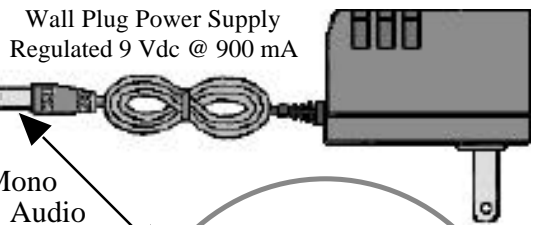
PLAYBACK

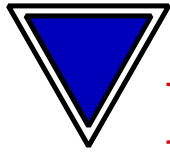
Large Volume

Speaker and Amplifier (Mono Output)



Large Volume
Sound Output





Sound - Optional Accessories

Optional Audio Accessories:

- | | | | | |
|---|-------------------------------------|---|---|------------------------|
| 1 | <input checked="" type="checkbox"/> | Amplifier and Speaker Module. | Radio Shack- www.radioshack.com | RS Part No. - 277-1008 |
| 2 | <input checked="" type="checkbox"/> | Audio Cable - 6' audio cable with 1/8" miniplugs on both ends. | Radio Shack- www.radioshack.com | RS Part No. - 42-2420A |
| 3 | <input type="checkbox"/> | Audio Y Cable - 6" cable with 1/8" miniplug to 2 RCA Phono plugs | Radio Shack- www.radioshack.com | RS Part No. - 42-2540 |
| 4 | <input type="checkbox"/> | Audio Y Cable - 6" cable with 1/8" miniplug to 2- 1/8" minipugs-F | Radio Shack- www.radioshack.com | RS Part No. - 42-2158 |
| 5 | <input type="checkbox"/> | Audio Y Cable - 4" cable with 1/8" miniplug to 2- 1/8" minipugs-M | Radio Shack- www.radioshack.com | RS Part No. - 42-2437 |
| 6 | <input type="checkbox"/> | Audio Cable - 6' cable with 1/8" miniplug to open wires. | Radio Shack- www.radioshack.com | RS Part No. - 42-2434 |
| 7 | <input checked="" type="checkbox"/> | 1/8" Stereo to 1/8" Mono Jack Adapter | Radio Shack- www.radioshack.com | RS Part No. - 274-368 |
| 8 | <input checked="" type="checkbox"/> | 4" Mono Y Adapter | Radio Shack- www.radioshack.com | RS Part No. - 42-2437 |

X- Recommended Items to Purchase

Sound Board - Troubleshooting Guide - General Info

Q. When I playback a sound recorded the audio is bad.

A. Adjust the sound level from the sound source, to mid range or lower Do not over drive the sound source output sound level volume as this will cause audio distortion in recording to the chip. It may take some tweaking to figure out what is the best sound level and values to record at.

Q. I get a hum or strange noise recorded within my sound ic chip recording?

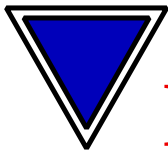
A. Make sure that you have a good quality mono audio cable connected from the sound card to your sound source. Check to see that your original sound source does not have the extra noise in it. Do not over drive the sound source volume when recording to the chip. Make sure that there are no power sources or signal creating sources around, across, or near your mono audio cables.

Q. I am using a microphone directly to record sound, but no sound is recording.

A. You must use a powered microphone that can output a 2Volt Peak to Peak signal to provide enough power to the sound input circuit on the Sound Board . You may have to use a Dynamic Mic Amp board between the Sound board input jack and the Microphone output jack.

Q. I have a audio cable connected to my sound source and to the sound input jack on the controller board, but nothing is recorded.

A. You must use a Mono Cable from the audio source to the board. Place a Stereo to Mono Adapter from the output of the sound source than attach the Mono Audio Cable. You sound source is probably Stereo, the Sound board needs a Mono signal input at 1Vpp level.



AutoTalk- Optional Accessories

1 AMPLIFIER & SPEAKER



RS Part No. - 277-1008

2 AUDIO CABLE



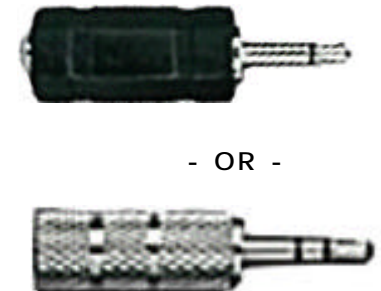
RS Part No. - 42-2420A

8 AUDIO CABLE "Y"



RS Part No. - 42-2437

7 1/8" Stereo Plug to 1/8" Mono Plug Adapter



RS Part No. - 274-368
RS Part No. - 274-374

9 9 VDC @ 1Amp POWER SUPPLY



Power Jack
(2.1mm I/D x 5.5mm O/D)

Electronic Suppliers

3 AUDIO "Y" to RCA CONNECTOR



RS Part No. - 42-2540

4/5 AUDIO "Y" CONNECTOR



RS Part No. - 42-2158

6 AUDIO CABLE TO SPEAKER



RS Part No. - 42-2534