Seibu SPI Stereo Audio PCB

Description

Fully assembled PCB kit. Adds RCA jacks to the Seibu SPI for line-level stereo audio, no soldering required. Connects to the stereo connector at CN1 with included wire harness. Mounts to the audio heat sink with the provided hardware. Requires the jumper at JP121 be in the stereo position on the Seibu SPI board.
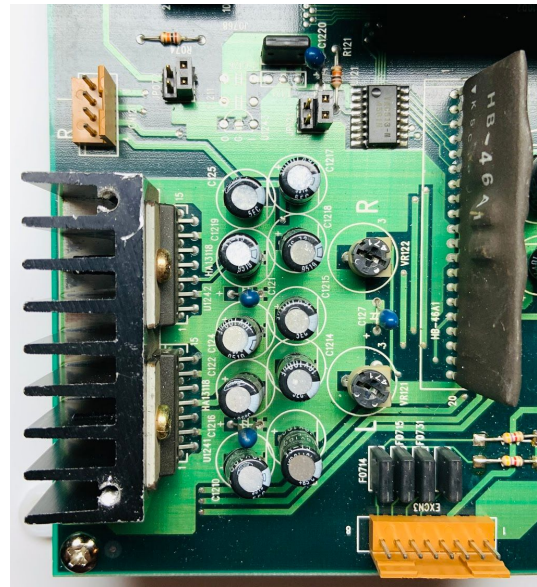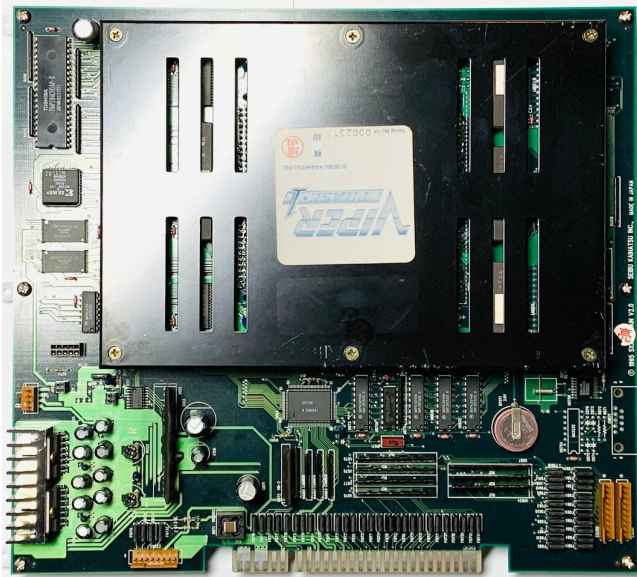
The kit includes:
1 x stereo PCB
1 x wire harness
2 x 6mm x 6mm brass male-female threaded standoffs
2 x 6mm mounting screws
2 x 8mm thread-forming screws (colored heads)

Compatibility

This kit is compatible with Seibu SPI V2.0 and V2.1 boards. It has not been tested with the single board variant of Seibu SPI games and is likely not compatible. Please review the reference photos below before ordering.

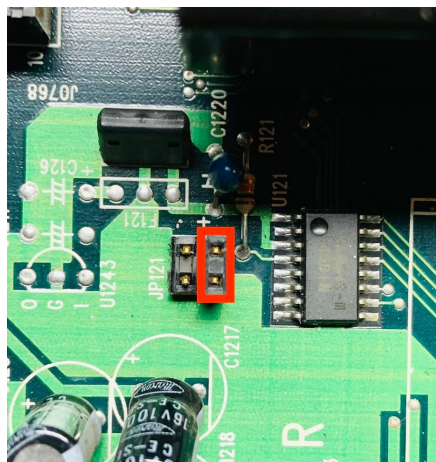**Seibu SPI V2.0** (orange JAE stereo connector at CN1)

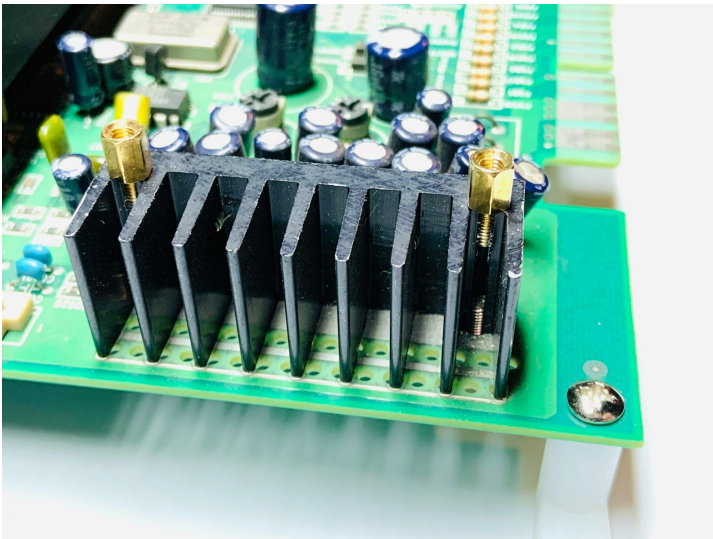**Seibu SPI V2.1** (white/beige Hirose connector at CN1)

Installation

1. Adjust the jumper at JP121 to the stereo position. For V2.1 boards you must remove the game board. See photos for the correct position.

    a. JP121 stereo position for V2.0 boards

b. JP121 stereo position for V2.1 boards

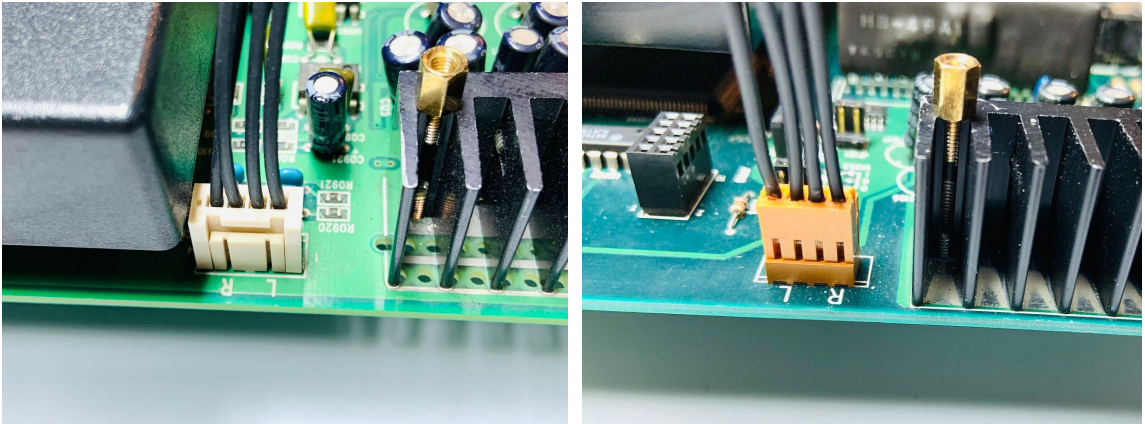2. Turn the volume all the way down by turning the L and R pots all the way counter-clockwise.

3. Screw the thread-forming screws (colored heads) into the 2 holes on the audio heat sink. These screws will create threads for installation of the brass standoffs. Go slow and **DO NOT** overtighten or you will strip the threads you've created.
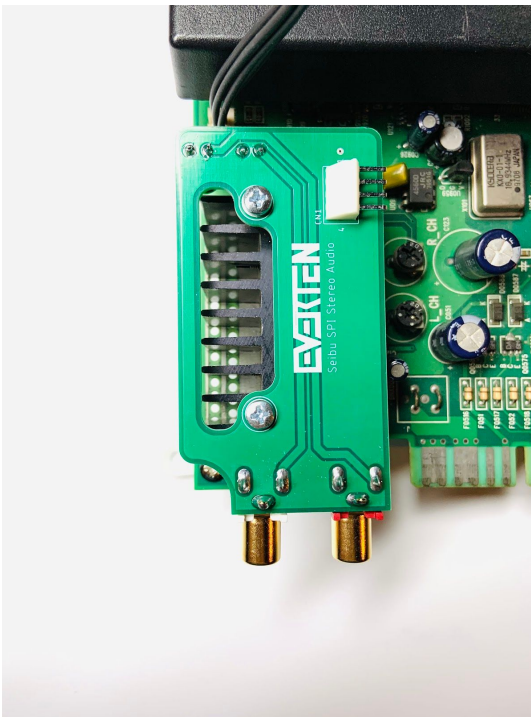

4. Remove the thread-forming screws and discard, they are no longer needed.

5. Using a 4.5mm nut driver or wrench, screw the brass standoffs into the newly threaded heat sink holes.

6. Connect the provided wire harness into CN1 on the Seibu SPI board.

7. Mount the stereo PCB to the brass standoffs using the 2 x 6mm mounting screws. Ensure the screws firmly holding the board down. These screws provide a necessary ground connection between the stereo PCB and the Seibu SPI PCB.
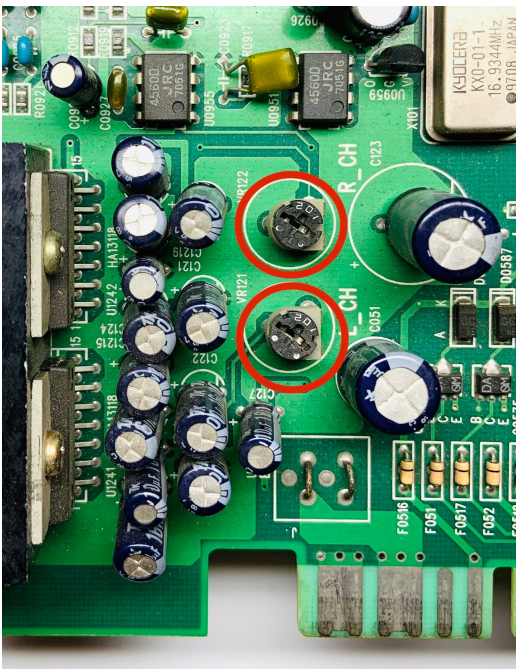
8. Connect the other end of the wire harness to CN1 on the stereo PCB.

9. Power on the game board.

10. Slowly turn the L and R pots clockwise until you reach the desired volume and balance.

11. Enjoy!