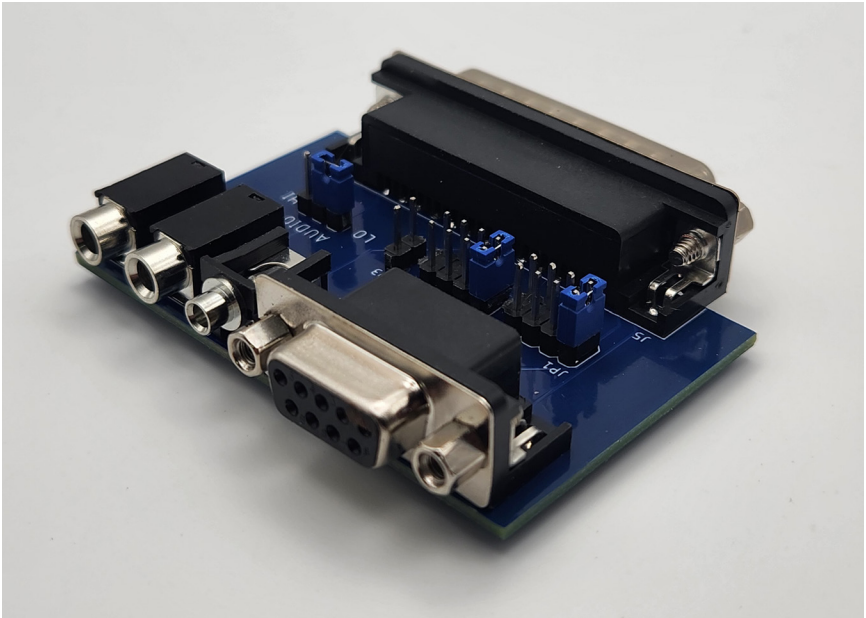# SYM-1 I/O Board

Last Updated: 06/21/2024

Connecting the I/O Board

This SYM-1 I/O board connects to a DB-25 connector soldered to the T pins on the SYM-1. Never plug or unplug the I/O board while the AIM 65 is powered on.

I/O Board Operation

1. TTY to RS-232 over the DB-9 Connector

To use the DB-9 connector for RS-232 communication follow the directions sections 3.12 and 3.13 of the SYM-1 manual.

2. Cassette Audio In

Connect a 3.5mm mono cable between the audio out (EAR) of your cassette player to the jack labeled J2 on the I/O board. A stereo cable can be used but cassette audio will only be used from one channel.

3. Cassette Audio Out

First, we need to set the HI/LO jumper labelled J3 on the I/O board. Most of the time LOW is sufficient for proper operation. To put the audio out into LO mode jumper pins 3-4 on JP4 (marked with the text LO). Pins 1-2 are identified by the white dot to the right of the jumper pins. If needed, you can put the audio out in HI mode by jumpering pins 1-2 of JP4 (marked with the text HI). Once properly jumpered

connect a 3.5mm mono cable between the audio in (MIC) of your cassette player to the jack labeled J3 on the I/O board. Again, a stereo cable can be used but the audio will only be outputted on one channel.

4. <u>Cassette Remote Control</u>

First, we need to set the proper jumpers for your cassette deck. Section 3.8 of the SYM-1 manual describes how to determine which pins the remote-control jack of your cassette deck need to be used for proper operation. The following table describes the jumpers (pins 1-2 are marked with name of the header pins):

Jumper Label	Description
JP1	Determines to which SYM-1 pin the remote-control sleeve is connected. Pins 1-2 = T-14, 3-4 = T-15, 5-6 = T-16 and 7-8 = T-17
JP2	Determines to which SYM-1 pin the remote-control tip is connected. Pins 1-2 = T-14, 3-4 = T-15, 5-6 = T-16 and 7-8 = T-17
JP3	Connects T-8 and T-17 for cassette deck types V through VIII.

Contact Us

If you have any problems do not hestiate to contact us for help.

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