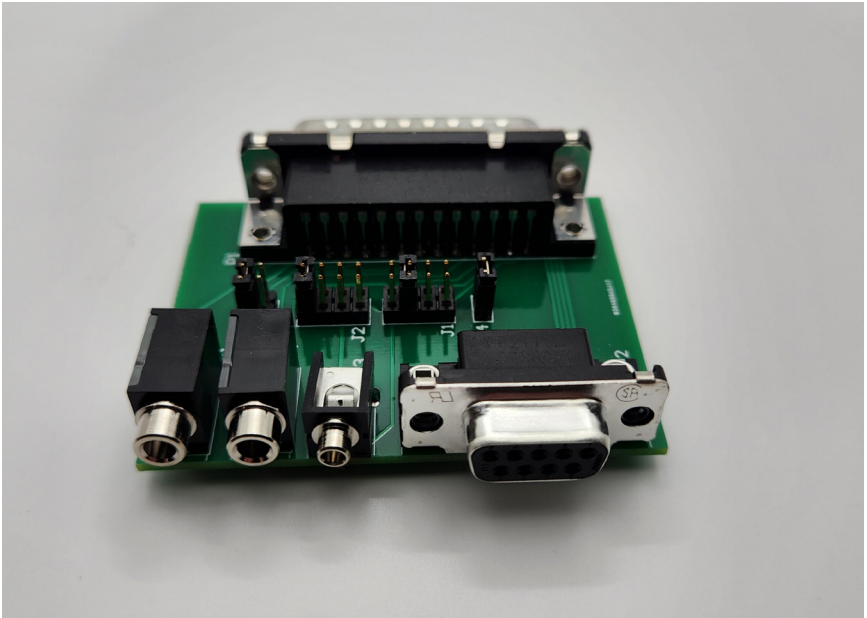




RetroSpy
Technologies

SYM-1 I/O Board



Last Updated: 12/16/2022

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 P4 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 J3. 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 J3. Once properly jumpered connect a 3.5mm mono cable between the audio in (MIC) of

your cassette player to the jack labeled P5 on the I/O board. Again, a stereo cable can be used but the audio will only be outputted on one channel.

4. Cassette Remote Control

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 by a white dot to the right of the jumper pins):

Jumper Label	Description
J1	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
J2	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
J4	Connects T-8 and T-17 for cassette deck types V through VIII.

Contact Us

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

Email: support@retro-spy.com

Discord: <https://discord.gg/V2EHQrM>

Web: <https://retro-spy.com/contact-us/>



[retrospydisplay](#)



<https://patreon.com/zoggins>