

FRU Installation Guide

Replacing Angelina's I/O Board

Purpose

This document explains how to install the I/O Board Field Replacement Unit (FRU) kit for an Angelina jukebox.

Audience

- TouchTunes Angelina jukebox operators
- TouchTunes Field Service and Customer Support
- TouchTunes Sales personnel

Estimated Time

10 minutes

Required Personnel

1 Technician

This document includes tasks of the following types:

<input type="checkbox"/>	Software
<input checked="" type="checkbox"/>	Hardware
<input type="checkbox"/>	Mechanical
<input type="checkbox"/>	Packaging

Topics

- [Required Tools and Equipment](#)
- [Important Safety Information](#)
- [Included in This Kit](#)
- [Installing the I/O Board](#)
- [Contacting Technical Support](#)

Required Tools and Equipment

- Screw driver, Phillips #2

NOTE

For warranty returns, place the defective unit into the packaging/container from which you remove the replacement unit. Do not open the defective unit. Doing so voids its warranty.

You must obtain a valid Return Authorization (RA) number from TouchTunes before shipping a defective unit.

Important Safety Information



WARNING: When performing this procedure or any other maintenance on your jukebox, the unit must be powered off and its electrical power disconnected.

Included in This Kit

Ensure that you have received all the required parts before proceeding with this installation.

Part	Quantity	TouchTunes Part #
FAS, SCR, X-PAN, M4x8, ZN	4	200020-008
MAN, FRU, I/O BOARD (this document)	1	901045-001

Installing the I/O Board

To install the I/O Board:

1. Press the **MNGR** button on the I/O Board to open the Operator interface main menu.
2. From the Operator interface main menu, press the **REBOOT** button.
3. When you hear the BIOS beep, power down Angelina by setting the rocker switch on the Power Supply Unit (PSU) to the OFF (**O**) position.



WARNING: Never shut down or unplug Angelina without first performing a reboot. Doing so can cause damage to the hard drive and make it unusable.

4. Unplug the AC power cable from the wall socket.
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5. Disconnect all connectors from the I/O Board. The following figure indicates the possible connections.

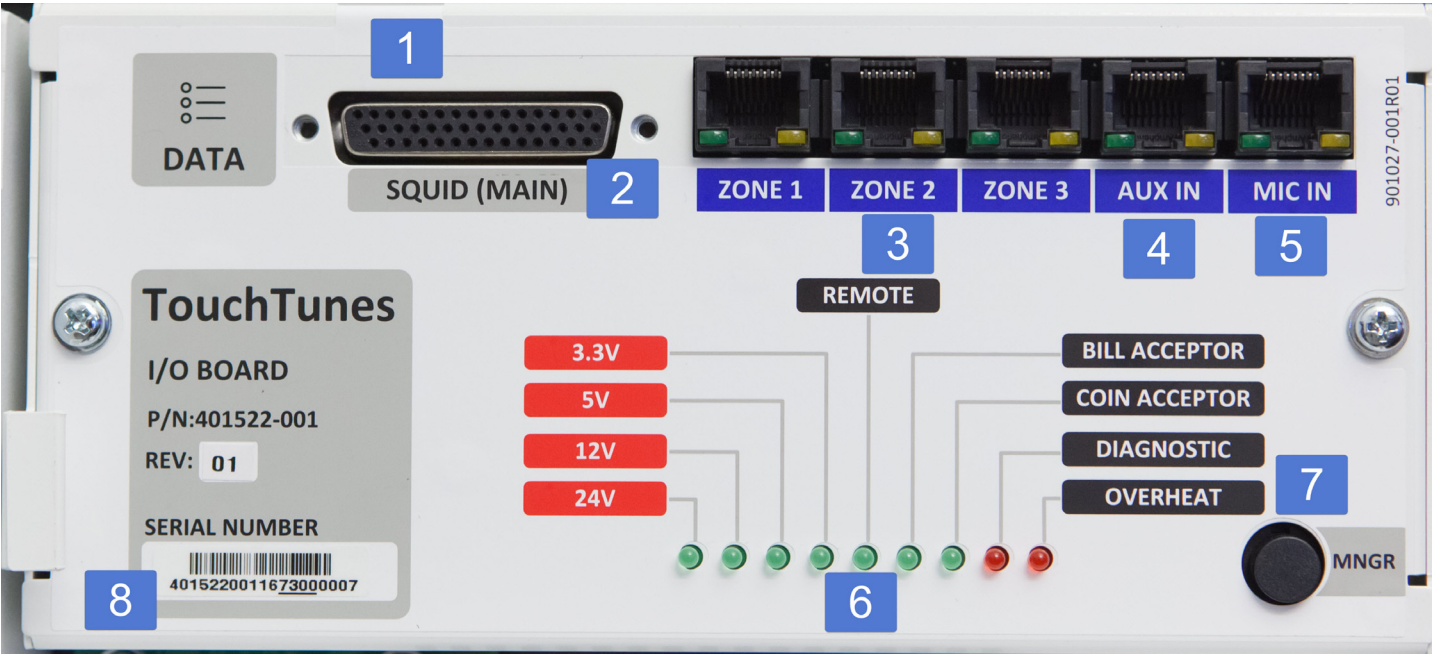


Figure 1: I/O Board connections

1	Wired remote (top of panel)
2	Squid (main)
3	Zones 1 through 3 audio
4	Aux input
5	Microphone input
6	Status LEDs
7	Manager button
8	Handle for easy removal of component

6. Using a Phillips screwdriver, remove the 2 screws (located on the left and right sides of the unit) and set them aside.

IMPORTANT: Pull the I/O Board away **gently** from the Modular Hardware Platform to avoid any damage.

7. Place one hand on the right side of the I/O Board and then use the handle to pull it off of the Modular Hardware Platform.
8. Install your replacement I/O Board, securing the board to the enclosure with the 2 screws removed during disassembly
9. Restore the connections removed in step 5.
10. Power on Angelina.

You have now completed the replacement of the I/O Board.

Contacting Technical Support

If you need help or have questions about this guide, call the TouchTunes 24/7 Service Hotline at 888-338-5853.

To help us assist you more effectively with problem reports, the following information may be required when contacting TouchTunes support:

- Jukebox model and ID
- Operator ID
- Serial number of the component you believe to be defective
- Date/time of the problem
- Actions performed immediately before the problem occurred
- Any additional comments relevant to the problem

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