



A-POD™ Operation Manual

September 2025

Revision 1

A-POD™



About Adostics, Inc.

Adostics empowers casino and route operators to maximize the Moments That Matter™ with secure digital voucher transactions, real-time behavioral insights, and personalized, mobile-first player engagement. Our portfolio of IoT edge compute POD devices unlocks in-session intelligence and player influence; no loyalty card, no mobile app download, and no personal data required. Adostics is redefining how operators identify, understand, and influence the most critical “moments” during the players’ gaming experience.

1.0 FCC Compliance Statement

Model: A-POD

Part#: APOD-V1-001

FCC ID: 2BRQ7A-POD

Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications not expressly approved by Adostics could void the user's authority to operate this equipment.

RF Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator (A-Pod) and the human body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Part 15

FCC

This device complies with Part 15 of the FCC Rules.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Cation

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Part 15.105

- (b) For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Part 15.21

§ 15.21 Information to user.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

2.0 Product Overview

The Adostics A-Pod is a Bluetooth Low Energy (BLE) peripheral designed for gaming machines. It enables the wireless reception and redemption of digital vouchers from a user's mobile device, interfacing directly with the game controller and bill validator (BV).

2.1 Specifications

- Power Input: 12–28V DC, <1A (Supplied via game/BV interface cable)
- Internal Battery: Li-Ion 210mAh
- Radio: Bluetooth Low Energy (BLE) 5.0
- Radio Power: Configurable from 0 dBm to +2 dBm
- Mounting: Three (3) integrated magnets
- Operating Temperature: –20°C to 60°C

3.0 Installation and Configuration

3.1 Installation Steps

1. Unpack: The A-Pod is packaged in bubble wrap. The required game-specific interface cable is in a separate box.
2. Mount Device: Secure the A-Pod inside the gaming machine cabinet using the three integrated magnets. Ensure the device does not obstruct access to the cash box, ticket printers, or other serviceable components.
3. Route Cable: Connect the specific interface cable to the A-Pod's port. Route the cable carefully to avoid pinching or damage and connect it between the Bill Validator and the Game Controller interface.
4. Power On: Power is supplied automatically once the gaming machine is connected and turned on. Upon initial power-up, the A-Pod will begin its startup sequence, indicated by the LEDs.

3.2 Boarding (Initial Configuration)

The "Boarding" process commissions the A-Pod for a specific location and game. This process requires the Adostics Boarding mobile application.

1. Place the A-Pod into **Boarding Mode**. (See Section 5.0 Modes of Operation).
2. Launch the Boarding mobile app.
3. Scan the QR code on the back of the A-Pod to capture its unique serial number.
4. Follow the in-app instructions to configure:
 - Game Asset Information & Floor Location
 - BLE Advertising Name
 - Radio Transmit Power Level
 - Associated QR/NFC Tag Reference

4.0 Modes of Operation

The A-Pod has five operational modes. The S2 (Mode) button on the bottom board is used to cycle through user-selectable modes.

- Normal Mode: The default operational state. The device is actively broadcasting and ready to process digital vouchers. In this mode, the A-Pod manages all communication between the mobile device, BV, and game controller.
- Diagnostic Mode: An internal self-test mode. This mode is used by technical personnel to validate hardware functionality. Results are reported via LED error codes if a fault is detected.
- Boarding Mode: A configuration state that allows the A-Pod to be securely paired and configured by the certified Boarding mobile application.
- Factory Reset: This action erases all configuration settings (location, name, radio power) and returns the A-Pod to its original state.
 - To perform a factory reset: Disconnect power. Press and hold the S2 (Mode) button while reconnecting power. Hold for 5 seconds until the LEDs flash in unison.
- Error Mode: Indicates a device fault. The device will cease normal operations and display an error code via the LEDs.

5.0 LED Status Indicators

The LEDs provide a quick visual diagnostic of the A-Pod's status.

LED	State	Meaning
Top - Blue	Flashing	BLE Advertising (Ready to connect)
	Solid	BLE Connected to a mobile device
Top - Orange	Solid	Device is booting up or initializing.
Bottom - Green	Solid	Normal operation. System OK. BV is enabled.
Bottom - Yellow	Flashing	Voucher transaction in progress. BV is disabled.
Bottom - Red	Solid or Flashing	Error Mode. A fault has been detected. Record the pattern and contact technical support.

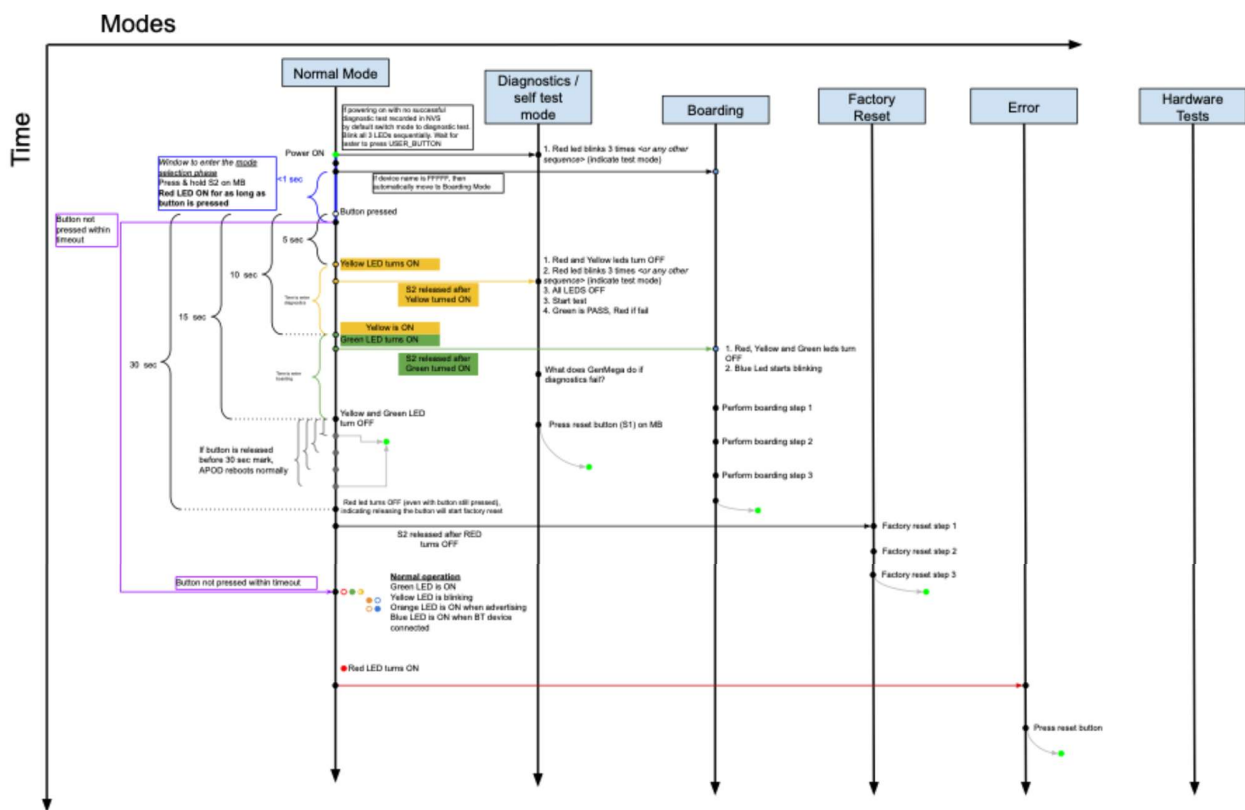


Table describing LED behaviour when switching modes from "from mode" to "to mode"

From Mode \ To mode	Normal	Diagnosis / self-test	Boarding	Factory reset	Error
Normal		3 blink	?	?	?
Diagnosis / self-test			?	X	?
Boarding				X	?
Factory reset					X
Error					

LEDs

BT board	Orange	Blue
Mainboard	Red	Green

Buttons

		NET (PORT.PIN)
BT board	RESET	S0 (P1.12)
Mainboard	RESET	BUTTON_2 (PC13)

Table describing LED behaviour in different mode+different states

Mode\Color	Sub-routine	Red	Green	Yellow	Blue	Orange
Normal	Advertising	OFF	ON	Blinking	OFF	ON
	Ticket processing	OFF	ON	Blinking	ON	OFF
	On battery power	OFF	Blinking	Blinking	BT state-dependent Advertising v ticket processing	
	mode switch button pressed < 5 secs	ON	OFF	OFF	?	
	mode switch button pressed >5 and <10 secs	ON	OFF	ON	?	
	mode switch button pressed >10 and <15 secs	ON	ON	ON	?	
	mode switch button pressed >15 and <30 secs	ON	OFF	OFF		

Diagnosis / self-test		OFF	OFF	OFF	OFF	OFF
Boarding		OFF	OFF	OFF	BLINKING	OFF
Factory reset		BLINKING	OFF	OFF	OFF	OFF
Error		ON	OFF	OFF	OFF	OFF

		NET (PORT.PIN)
BT board	BT [R2] RESET BUTTON	USER BUTTON 2 [U2]
Mainboard	APOD [R1] RESET BUTTON	USER BUTTON 1 [U1]

- Functionality
 - APOD RESET BUTTON: Resets APOD
 - BT RESET BUTTON: Resets BT module
 - USER BUTTON 1: Mode switching
 - USER BUTTON 2: Reserved for future use