



# Gryphon™ Install Guide

Thank you for purchasing a Gryphon Coin Management system. Gryphon mounts on the standard coin changer channel provided by vending machine manufacturers.

### Features

Gryphon is a reliable, easy-to-use and cost effective coin management system that increases uptime and reduces cost of ownership.

- Easily customizable coin cassette with six auto-replenishing coin tubes for maximum flexibility
- LCD display panel with visual controls for quick diagnostics and simple operation
- MDB Interface for quick installation in the majority of vending machines

### Interface

Gryphon operates in machines that support the MDB Interface. MDB allows for multiple devices to be added to a single connection on the vending machine control board by linking devices in series to the main MDB harness.

### Operating Voltage

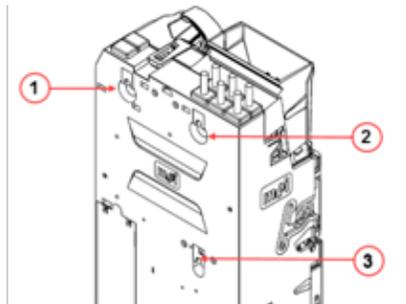
Gryphon's operating voltage is listed on the label on the side of the device.



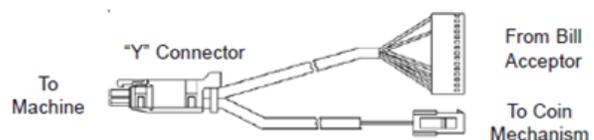
## INSTALLATION

Before installation, remove Gryphon from its packaging and ensure it arrived safely. Contact customer service at 1-800-345-8215 if it was damaged during shipping.

1. Turn off the power to the vending machine.
2. Push the yellow button on the top right of the coin manager and tilt the acceptor assembly forward to access the mounting holes. You do not have to remove the cassette.
3. Hang Gryphon on the vending machine's mounting studs, ensuring the unit is level. See Alignment section.
4. The lower mount (3) can be difficult to see through the device. Hanging Gryphon from the top two studs first will help you locate the lower mount.



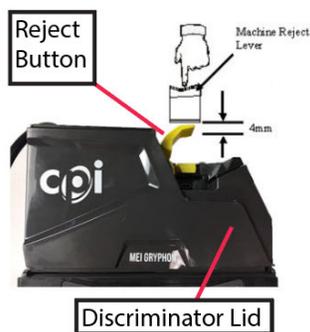
5. Tighten screws if necessary, being careful not to over-tighten, and close the acceptor assembly. The lower mount is difficult to access with a large screw driver.
6. Remove the cassette. Lift it by the handle and pull towards you.
7. Fill the cassette with coins, ensuring the coins are inserted into the proper tubes.
8. Return the filled cassette to the Gryphon and ensure it is correctly seated.
9. Connect the MDB Cable.
  - If you have a bill acceptor, connect the MDB harness from the Gryphon to the bill acceptor's "Y Connector."
10. Tuck any excess cabling inside the vending machine, ensuring that the cables do not interfere with the Vending Machine or Gryphon's operation.
11. Restore power to the vending machine.



# AUDIT

After installation, ensure there is a small gap (2-4mm) between the lever on the vending machine and the return lever on the coin manager.

- Depress the coin return lever on the machine door, confirm that it fully opens the discriminator lid on the coin manager, then returns smoothly, fully closing.



- Check the alignment between the coin input chute and the coin cup, ensuring it does not impede operation of the discriminator lid.
- Check the alignment between the base of Gryphon, the payout area and cash-box entry.
- Align, adjust and test as necessary to ensure coins are properly routed before continuing.

# MMI INTERFACE

Gryphon's MMI Screen has been designed with the end-user in mind. Gryphon will guide you through the final setup and configuration using the MMI screen, the A-F keys and the center Menu (≡) key.



The MMI updates its interface as needed in each section. Always use the on-screen guidance, but when in doubt, this chart lists general sub-menu navigation tips.

Navigation	Key
Scroll Up	D
Scroll Down	E
Move Left	A
Move Right	B
Next Page	F
Previous Page	C
Display previous menu level	Press ≡ once
Return to the home screen	Hold ≡ for three seconds

# AUDIT

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Press  $\equiv$  twice quickly (with the cassette in) to display audit information. Each section will display for three seconds before showing the amount of change in each tube.

# PAR

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**Par to Level:** Sets the fill level for each coin. Coins above that level are sent to the cash-box.

**Par to Value:** Sets the fill level to a total cassette value. Once the value is achieved, coins are sent to the cash-box. Gryphon dynamically alters the individual coin levels to minimize the need for manual refills.

**Auto Par:** Gryphon determines the optimal Par Level for your machine based on actual coin usage.

# INITIAL POWER UP

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The coin manager will power up and check how many coins are in each tube. If the tubes are low, Gryphon will tell you which tubes to fill. You should fill all tubes with a minimum of three coins per tube.

# CASSETTE CONFIGURATION

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It's easy to customize Gryphon's cassette. Use one of the many stock configurations or create your own. There are two methods to configure the cassette. **Please note: The cassette must be empty before proceeding.**

## Cassette Code

If you are changing the full cassette, press  $\equiv$ , CASSETTE, then:

1. Enter the code located on the front of the cassette (e.g. AAB)
2. Press SAVE - if the code is not recognized, follow the Custom Cassette steps below
3. When prompted, press START to calibrate

## Creating Custom Cassette

Follow these steps if the code is not recognized or to change individual tubes. Press  $\equiv$ , CASSETTE, then:

1. Select CUSTOM
2. Use the MMI to choose the tube (A-F) you'd like to edit
3. Scroll through the coin list and select your coin
4. Press SAVE to program the tube
5. When all tubes have been programmed, press  $\equiv$
6. When prompted, press START to calibrate

# STATUS LIGHTS

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The three status lights to the left of the  $\equiv$  key are used to quickly identify Gryphon's status.

Color	Message
Green	The unit is functioning properly
Yellow	The unit requires adjustment, see the MMI for instructions
Red	The unit requires maintenance and should be returned to a service center

# SERVICE MODE

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Press  to view commonly used Service Mode options; further options are available in the Setup menu.

## SETUP

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**Setup is a hierarchal menu, navigable by the MMI. The setup menu allows you to:**

- View messages
- Change par styles, par levels and par value
- Manage change
- Change cassettes or tubes
- Token teach
- Perform Self-Test
- View error log
- Change audit setup
- Set up MDB options

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### Compliance

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (a) This device may not cause harmful interference, and (b) this device must accept any interference received, including interference that may cause undesired operation.

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