

Gatekeeper H5 v3

Installation guide



Hardware checklist

Supplied by GymMaster:

- Gatekeeper
- Gatekeeper power supply
- Depending on setup:
 - Desktop reader with USB cable
 - Door reader with diodes

Sourced by Installer:

- Cabling:
 - 4-core 18-20 AWG cable
 - Cat5E Ethernet cable for network connection
- Magnetic lock (12V or 24V DC) or electric strike ($\leq 30\text{VDC}$) with separate power supply
- Exit and emergency buttons
- Uninterruptible Power Supply (UPS) for backup power, or battery supply (optional)



Need help?

For full wiring guide & troubleshooting, go to:
gymmaster.com/hardware-documents
Or scan the QR code

Installation steps

⚠ Installation must be performed by a professional

1. Positioning:

- Mount the Gatekeeper in a secure location, that allows staff easy access to indicator lights, USB ports and display. e.g. Access Control Panel

2. Wiring:

- Connect door readers to Gatekeeper using 4-core cable. [See back of reader for colour codes]
- Connect door lock to Gatekeeper using twin-core cable
- Install the IN4001 diode near the lock to prevent damage to the Gatekeeper, ensuring correct polarity.

3. Power Supply:

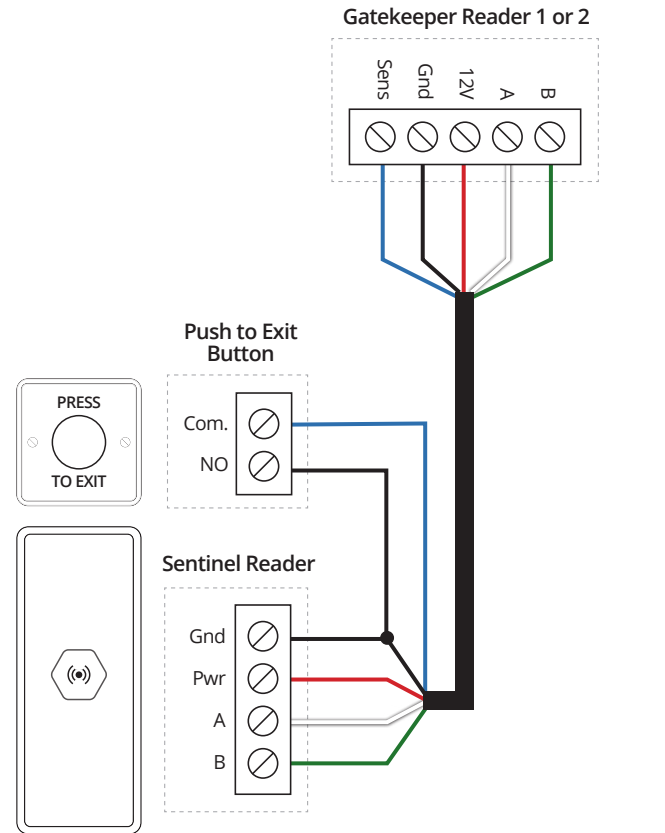
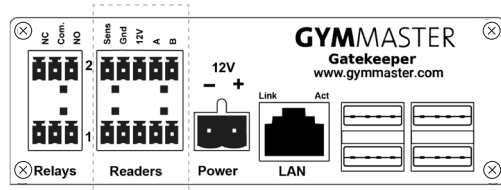
- Use provided power supply for the Gatekeeper (12V, 2A). [wait for screen and start tone]
- Do not power door locks from the Gatekeeper; use a separate power supply.
- Recommended - Connect all components to a UPS to maintain operation during power outages.

4. Testing:

- Use key fob provided to test reader & unlock functionality
 - Scan the fob on the reader.
 - Verify the reader responds appropriately to the key fob.
 - Listen for a click indicating relay activation.
 - Confirm the door locks and unlocks correctly.

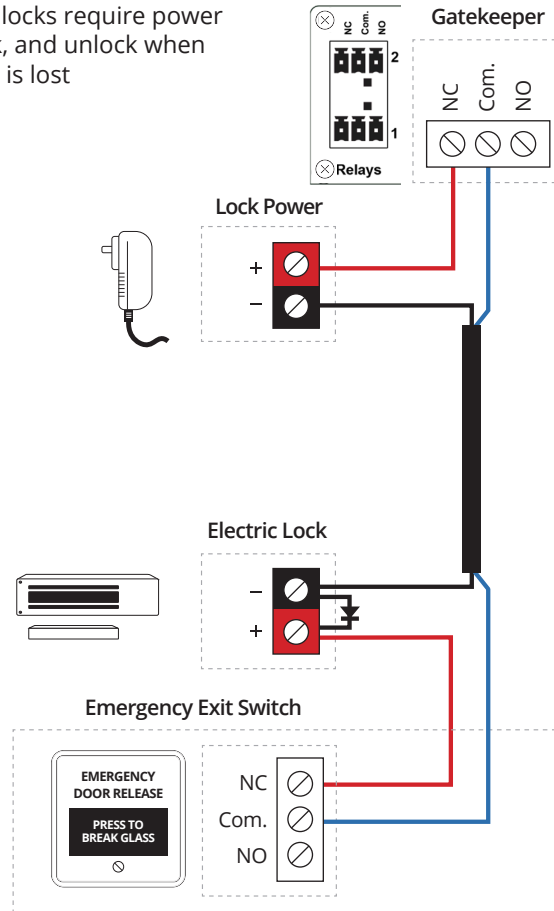
After testing, register gatekeeper at: gymmaster.com/registergk

Door reader



Fail safe

These locks require power to lock, and unlock when power is lost



Fail secure

These locks require power to open, and remain locked when power is lost

