



AIPHONE GT Series Multi Tenant Color Video Entry Security Intercom System Installation Guide

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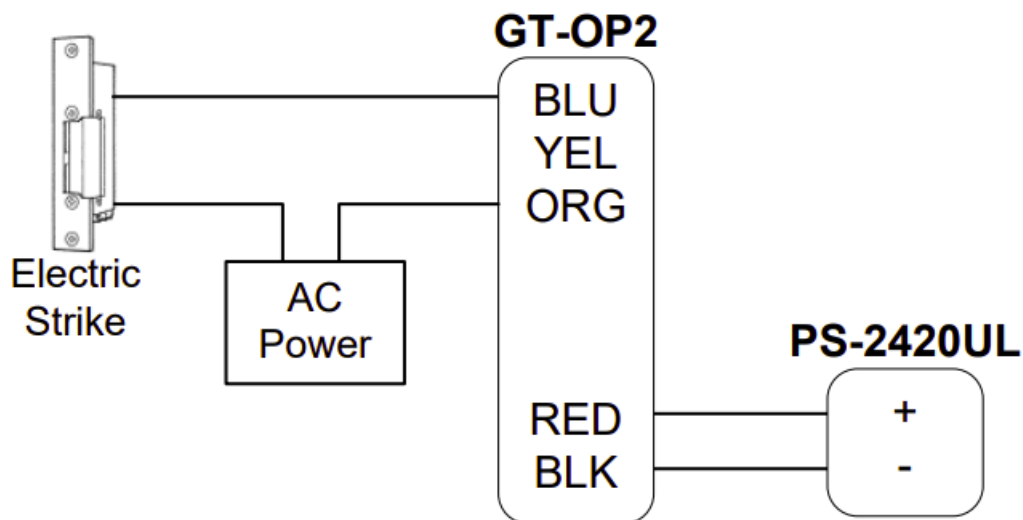
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Installation Instructions

The GT-OP2 and GT-OP3 Postal Lock Panels are for use with a GT Series Multi-Tenant Entry Security intercom system.



NOTE: If using a magnetic lock, connect to BLU & YEL wires. See color code definitions on Pg. 2.

and allow a postal lock device to be mounted alongside the entry panel. The lock device is available from the post office

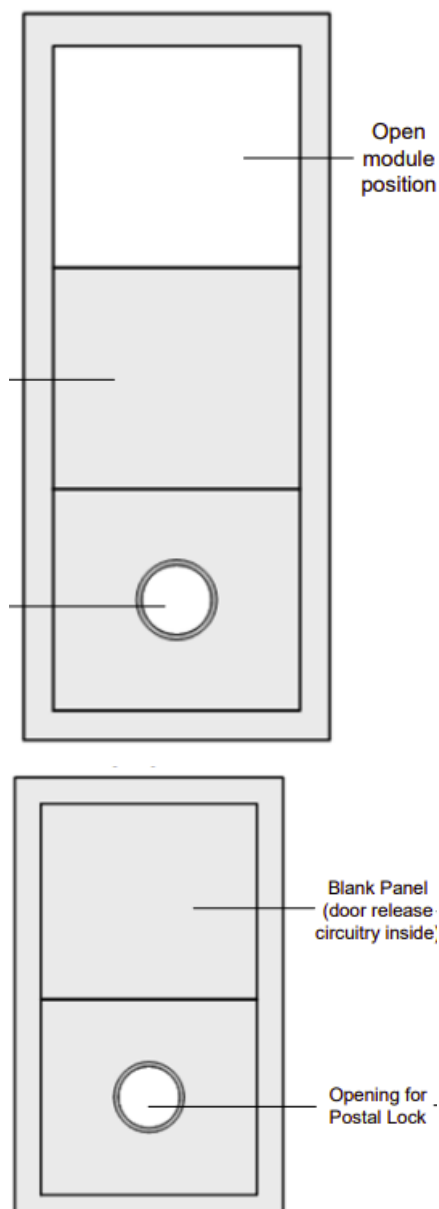
and mounts behind the panel, accessible via the keyhole opening. The timer relay can be adjusted to provide a contact

closure from 5 to 20 seconds.

NOTE: The GT-OP3 has an available position for an additional module. This opening can be filled by any type of module, but must be purchased separately.

INSTALLATION & WIRING:

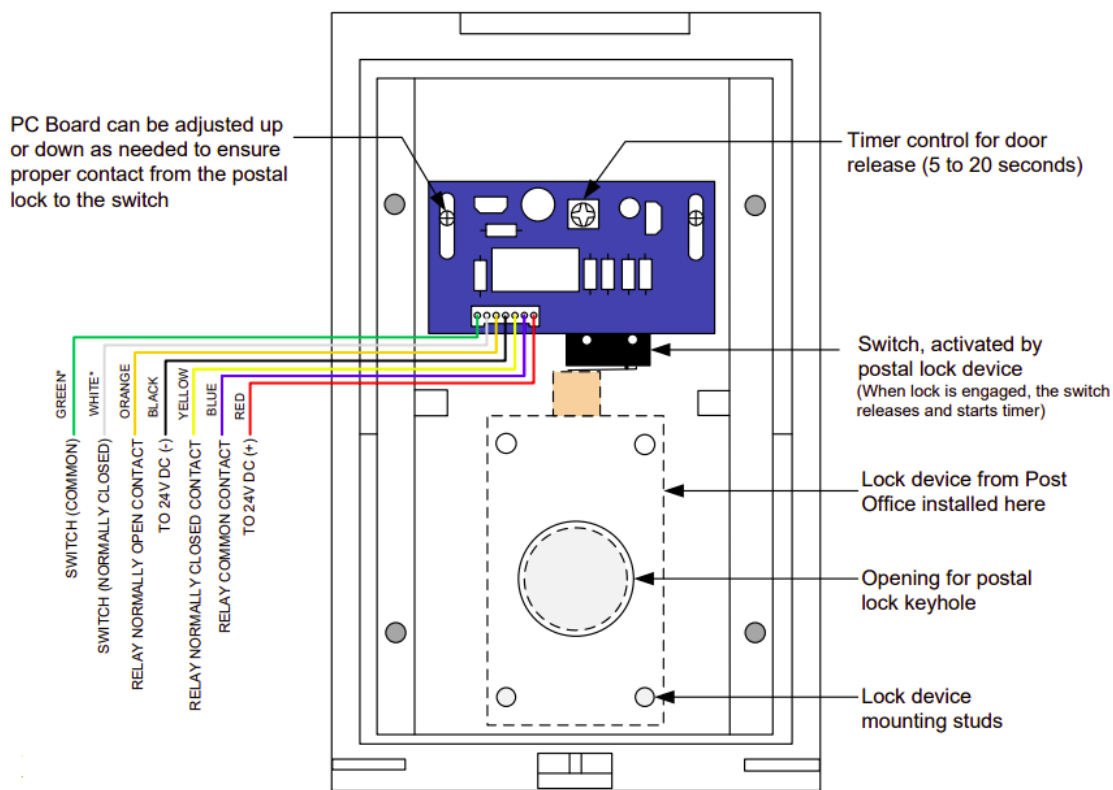
1. Install alongside a GT Entrance Panel.
2. When using GT-OP3, install an additional module in the open position at the top of the unit.



IMPORTANT: The GT-OP3 has an available position for an additional module. This opening can be filled by any type of module, but must be purchased separately.

3. Secure wire connections as shown on wiring diagram.
4. Cut the unused contact wire so the bare wires are not exposed.
5. When mounting with a rain hood (GT-nH) or surface box with hood (GT-nHB), you must grind out the bottom lip of hood / box for the lock to fit. Please contact Technical Support if further clarification is needed.
6. Refer to standard GT Series Installation Manual for complete system information.

WIRING DIAGRAM:



The green and white wires bypass the timer circuit and go directly to the switch. Use this connection when going to a 3rd party timer or when the timer circuit is not needed. The orange, black, yellow, blue, and red wires would not be used if you connect to the green / white bypass.

Testing the unit without the postal lock:

Tape or hold switch closed and apply power to the unit on Red / Black leads. Release switch and timer circuit will activate. Confirm relay activation with a multi-meter at the Blue / Yellow / Orange leads

IMPORTANT: If the Green and White wires are not used, cut wires to avoid a possible malfunction.

SPECIFICATIONS:

Power Source: 24V DC, powered by the PS-2420UL Power Supply

Mounting: Semi-flush or surface mount (mounting box sold separately)

Terminations: Color-coded pre-wired pigtails

Relay Input: 24V DC, Red, Black wires, 22AWG

Relay Output: Blue (COM), Orange (N/O), Yellow (N/C) wires

N/O Output rating: 5A at 30V DC 10A at 125V AC 3A at 250V AC

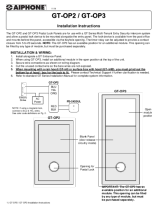
N/C Output rating: 3A at 30V DC or 125V AC

Switch Output: Green (COM), White (N/C); Switch rated to 30V AC/DC, 1 amp

Wiring: 2 conductors from 24V DC power supply to GT-OP panel 2 conductors from GT-OP panel to strike, with power for strike wired in series

Dimensions (HxWxD): GT-OP2: 8-7/8" x 5-5/16" x 2" GT-OP3: 12-5/8" x 5-5/16" x 2"





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GT Series Multi Tenant Color Video Entry Security Intercom System, GT Series, Multi Tenant Color Video Entry Security Intercom System, Color Video Entry Security Intercom System, Video Entry Security Intercom System, Entry Security Intercom System, Security Intercom System, Intercom System, System

References

- [User Manual](#)