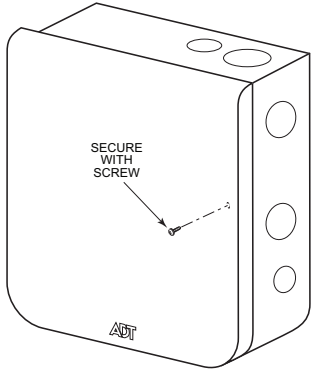


ADT ADTHYBWL Series Security Systems
Quick Installation Guide

Ref: ADTHYBWL Series

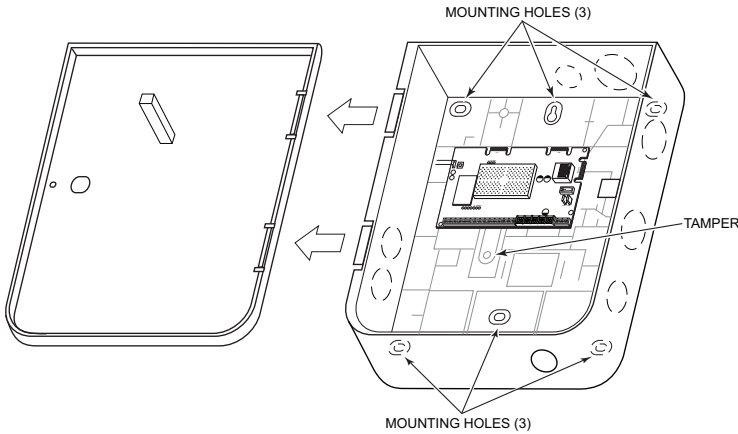
Mount the Control

- 1. Open the cabinet door fully and remove by pulling to the left.
- 2. Remove the cabinet knockouts needed for wiring entry.
- 3. Mount the control cabinet to a sturdy wall in a clean, dry area, which is not readily accessible to the general public, using fasteners or anchors (not supplied) with the four cabinet mounting holes.
- 4. Install the ADTZWM (Wi-Fi® and Z-Wave®) and/or ADLTE Communication Module(s) (if used).
- 5. When installation, wiring and programming is completed, install the cabinet door and secure with the provided screw.



Securing the Cabinet Door

OPTIONAL KEY LOCK: If desired, a key lock can be installed (K4445V1). See Installation Instructions for details.



Mounting the Cabinet

Optional ADTZWM and ADLTE Communications Module Note: Refer to the Specific Module Installation section in the online Installation & Reference Guide for instructions on mounting this module.

Connect the Power Supply & Battery

- Power Supply** (P/N 300-10211 or 300-10211-CAN in Canada)
- Do not plug power supply into the AC outlet until all wiring connections to the control are complete. As a safety precaution, always power down the control when making such connections.
- Battery Connections**
- After all connections to the control are completed and **after AC power has been applied**, connect the red and black flying leads on the control board to the battery.
 - IMPORTANT:** This control will not power-up on battery alone (AC power must be applied). However, once the system is powered up, it will operate on battery if AC is lost.

CALIFORNIA STATE FIRE MARSHALL (CSFM) AND UL RESIDENTIAL FIRE 24-HOUR BATTERY BACKUP REQUIREMENTS

The California State Fire Marshal and UL have regulations which require that all residential fire alarm control panels must be provided with a backup battery which has sufficient capacity to operate the panel and its attached peripheral devices for 24 hours in the intended standby condition, followed by at least 4 minutes in the intended fire alarm signaling condition. This control panel can meet these requirements without using a supplementary power supply, provided that the panel's auxiliary power and bell output currents are limited as listed.

Connect the Power Supply & Battery (Continued)

UL For UL installations and Residential fire installations, refer to the chart below for the correct battery size required to meet the mandatory standby time.

Output Current Limits		Battery Information	
Current Total	Max. Aux. Current	Battery Capacity (Amp/Hrs)	Recommended Battery (Yuasa No.)
600mA maximum total of auxiliary power plus bell output currents	110mA	7AH	NP7-12

Connect Devices, Zones and Sounder

Refer to the Wiring Diagram on the reverse side for connection information. NOTE: This system uses a range of reserved addresses for each type of device.

1. Connect keypads and other devices.

Wire Size	Total Current of All Devices Connected to a Single Wire Run				
	50 mA or less	100 mA	300 mA	500 mA	600 mA
#22	900ft (274m)	450ft (137m)	150ft (46m)	90ft (27m)	75ft (23m)
#20	1400ft (427m)	700ft (213m)	240ft (73m)	140ft (43m)	120ft (37m)
#18	1500ft (457m)	1100ft (335m)	350ft (107m)	220ft (67m)	170ft (52m)
#16	1500ft (457m)	1500ft (457m)	550ft (168m)	350ft (107m)	270ft (82m)

The length of all wire runs for both partitions combined must not exceed 4000 feet (1219m) when unshielded quad conductor cable is used or 2000 feet (610m) if shielded cable is used.

- Do not locate the receiver or transmitters on or near metal objects. This will decrease range and/or block transmissions.
- Do not locate in an area of high RF interference (indicated by frequent or prolonged lighting of the receiver's LED; random flicker is OK).
- Do not locate RF receiver closer than 10 feet from any keypads.

Touchpad (WTP100)

- Connect touchpad field wiring to the GND, AUX, A and B terminals.

Relay Modules

- Connect desired field wiring to the module's relay contact terminals. (when available)

Communication Module (refer to the documentation provided with the module.)

- LTE (ADTLTE Series)
- WiFi/Z-Wave (ADTZWM)

2. Connect hardwire zones to the appropriate zone terminals.

3. On-Board Trigger Connections

- Connect field wiring to the appropriate trigger pin using the 4-wire cable (N4632-4, not supplied).
- Trigger outputs will go low on power-up.

4. Connect the external sounder to the GND and BELL terminals.

- If not using bell supervision, connect the supplied 820 ohm resistor across the GND and BELL terminals. If using bell supervision, see the next bullet point.
- If supervised output desired, see Sounder Supervision wiring diagram on reverse side, and program accordingly.

5. Install Wireless Zone Transmitters (Programmed via alarm.com).

Program the Control

Refer to the to the MobileTech installer app for programming instructions.

Test the System

Refer to the Refer to the MobileTech installer app for testing instructions.

Major Features and Capacities

Feature	Details
Partitions	4
Hardwire Zones	8 (1-7 and one dedicated smoke zone)
Maximum Devices	250 Devices (includes sensors, keypads, keyfobs, touch screens, Z-Wave, Bluetooth (for mobile devices), cameras and wiselink) <ul style="list-style-type: none">128 SiX Series sensors32 Keyfobs (8 button)6 Bluetooth (BLE Phones)8 Touchpads/Touchscreens8 Motion ViewersTBD Z-Wave DevicesTBD IP Cameras
Security Codes (Users)	96 Includes Master User (#1)
Outputs	18
On-Board Triggers	2

Specifications

Dimensions:	10-5/16" W x 12-1/4" H x 3.5" D (262mm x 311mm x 89mm)
Electrical:	
Voltage Input:	13.5VDC, 1.8A from plug-in power supply, Part No. 300-10211 or 300-10211-CAN (Canada)
Alarm Sounder:	10.5-13.8VDC, 2.0 Amp output can drive 12V Bell or 702
Auxiliary Power Output:	10.5-13.8VDC, 200mA max.
Backup Battery	12VDC, 7AH (sealed lead acid type). Charging Voltage: 13.8VDC
Communication Formats:	4-digit Contact ID
Maximum Zone Resistance:	Zones 1-8 = 300 ohms excluding EOLR standard zones

WARRANTY INFORMATION

For the latest warranty information, please go to:
www.honeywell.com/security/hsc/resources/wa.

For patent information, see www.honeywell.com/patents



Warranty



Patents

FOR DOCUMENTATION AND SUPPORT

See Installation and Reference Guide P/N 800-24125 or higher, which can be ordered by contacting Customer Service at 1-800-238-2727 (1-800-ADT-ASAP). For technical support please call the ADT Product Support Group at 1-877-748-7628, option 3.



800-24126 2/18 Rev. A Part 1 (BETA)



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