Honeywell

W8735D Telephone Access Module

69-2028

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USING THIS GUIDE

The W8735D Telephone Access Module (TAM) is a multi-functional product. This means that it can be used in many different applications such as single- or multi-zone applications, conventional furnaces and heat pump equipment.

Use the following symbol to help you identify the features that apply to your system:

Tip symbol. Look for helpful tips throughout the guide when you see this symbol.

NOTE: Throughout this guide, the term TAM refers to the W8735D Telephone Access Module.

There is a Quick Start section at the end of this manual (see page 34) that provides brief instructions on how to connect to (call) your TAM. However, we recommend that you read and become familiar with the content of this manual.

FEATURES

Use the Telephone Access Module to:
- **Check the temperature in your home remotely using the telephone**
- **Adjust your temperature settings remotely using the telephone**
- **Monitor the temperature in your home, and if the temperature gets too hot or too cold, receive a telephone voice message**
- **Check the indoor and outdoor temperature and Indoor humidity remotely using the telephone**
- **Receive a message remotely when your furnace filter needs replacing**
- **Receive notice when a detection is made from an optional auxiliary sensor**
- **Receive a message alert remotely if your power is interrupted for an extended period of time**
- **Name each zone from a prerecorded list**

TELEPHONE ACCESS MODULE DESCRIPTION

The Telephone Access Module (TAM) is designed with a dial-in and dial-out capability.

You can dial-in to your home number and have the TAM give you voice messages concerning the status of your system such as the indoor temperature setting, outdoor temperature, and indoor humidity level as well as alert messages. You can also change the thermostat setting(s) for heating and cooling by dialing in to your home number.

The TAM can dial-out to multiple phone numbers to deliver system alerts such as a low battery, temperature above or below its configured limit, or a furnace air filter that needs to be replaced.

The TAM can share a telephone line with most answering machines and voice mail systems. The TAM can be prompted to pick up a call to gain access to the HVAC system before the answering machine or voice mail are enabled. Additionally, the TAM is equipped with an emergency telephone line disconnect feature activated when another receiver in the premise is picked up while the TAM is connected. Full access to the TAM is given when the complete pass code is entered when prompted. Limited access is given (to contractors) when the last five digits of the entered Contractor telephone number is entered. Contractor access is limited to the W8735D Alert History.

Battery Indicator

Fig. 1. Battery Status LED indicator.

A light emitting diode (LED) indicator on the front panel of the TAM illuminates to provide information about the status of the battery:

- Steady Green LED indicates the battery is good
- Flashing Green LED indicates the battery is low
- Alternating Green/Red flashing LED indicates the battery is missing or dead

IMPORTANT:
   If the battery LED indicator is flashing green or green/red, replace the battery immediately (see "Battery Installation" on page 5).

Replace the battery annually and/or before leaving for an extended period of time.

Battery Installation

The Telephone Access Module requires a 9-volt alkaline battery (not included) to provide power to the unit during a power outage in order to allow the unit to dial-out an alert indicating an extended power interruption. (See "Alert Messages" on page 8.)

⚠ **CAUTION**
Dead or Missing Battery Hazard.
Can prevent Telephone Access Module from dialing power outage alert.
Check battery annually or before leaving for extended absence.

To install or replace the battery:
  1. Press the latch on the top of the battery cover and pull it down and away (Fig. 2).
  2. Connect the battery leads to the 9-volt battery.
  3. Insert the battery into the compartment.
  4. Insert the bottom tabs of the battery cover into the slots on the case, then swing the battery cover up and in until the top latch engages.

BATTERY COVER LATCH
BATTERY COVER
9V BATTERY LEADS
BATTERY INSTALLED
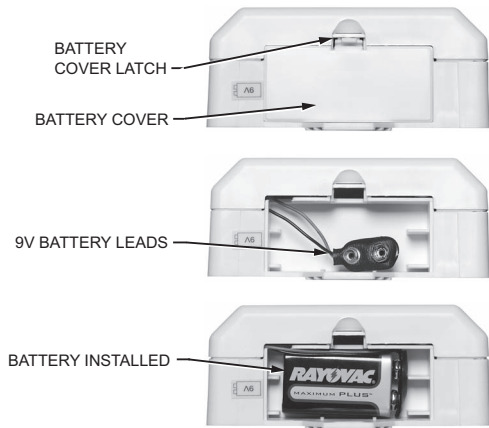
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Fig. 2. Installing the Battery.

OPERATING YOUR TELEPHONE ACCESS MODULE

During the installation of your Telephone Access Module (TAM), the installer connected the unit to an available telephone jack in your home and configured the number of rings needed before the TAM answers a call.

A quick reference card (form 69-2011) is included with the TAM. Use this wallet card to help you with the menu items, alerts, and zone names.

The TAM is equipped with an emergency telephone line disconnect feature activated when another receiver in the premises is picked up while the TAM is connected.

To test the disconnect feature:
While connected on a call to the TAM, flick the receiver hook a few times in order for the TAM to hang up and for you to receive a dial tone.

Calling Your Telephone Access Module

Carefully review the Main menu (see Fig. 4 on page 11) before operating your TAM.

IMPORTANT:
The TAM is designed to provide remote telephone access to your thermostat settings and information. To access this information or make changes, you must connect with the TAM from an outside line. If you want to access the TAM from within the home, you need to use a second phone line or call from a cellular telephone.

IMPORTANT:
When interfacing with the W8735D make sure to always press firmly and fully on the telephone key. Fast or light key presses can result in missed inputs.

IMPORTANT:
When dialing into the W8735D from a cellular telephone, make sure the reception is good. Faulty reception can result in missed key pad entries and eventual time-outs and hang ups.

The TAM can share the line with your telephone answering machine or voice mail.

IMPORTANT
> *Set the proper number of rings for the TAM to avoid interfering with voice mail or an answering machine.*
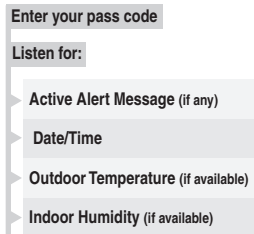
To access the TAM when the phone line is shared set the number of rings the TAM will wait until it answers to one more than the device sharing the line:

For example, If your answering machine answers in four rings, set the TAM to answer in five rings.

1. Call the TAM and let the phone ring two times.
2. Hang up.
3. Call again within 30 seconds.
4. The TAM picks up the second call.
5. The TAM voice message asks you to respond to, "*Welcome to the telephone access center. Please enter your pass code followed by the # key.*"

Welcome Announcement

Call in to the Telephone Access Module

Enter your pass code

Listen for:

Active Alert Message (if any)

Date/Time

Outdoor Temperature (if available)

Indoor Humidity (if available)

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Fig. 3. Dial-in Sequence.

When the TAM answers the call, you hear "*Welcome to the telephone access center.*" next you hear:
    a. A voice prompt to enter your pass code followed by the # key
    b. The alert messages (if any)
    c. The current date and time (if already set)
    d. The outdoor temperature (if available)
    e. The indoor humidity (if available)

The remainder of this section describes each of the five listed items (a through e).

Pass Code

When the TAM answers your call, you will be asked to respond to the voice prompt, "*Please enter your pass code followed by the # key.*"

This is your four-digit pass code. You can change this pass code any time by entering the Pass Code menu. See Fig. 4 on page 11.

During installation a unique pass code should have been set and the number written on the inside of the TAM cover. For complete instructions see "Pass Code Menu" on page 14.

NOTE: The TAM's default pass code are the four digits - 1 2 3 4.

Alert Messages

The TAM indicates any unacknowledged alert message immediately after you enter your pass code.

NOTE: If an alert condition still exists but has previously been acknowledged, the alert is not repeated.

If there are any unacknowledged alert messages, you hear this message, "*The (alert description) alert from (channel/zone) occurred on (date) at (time).*"

See Table 1 on the next page for a list of the alert messages and corresponding causes.

See "Acknowledging Alert Messages" on page 9 to acknowledge an alert.

For additional information, see "Changing Your Telephone Access Module Settings" on page 10.

Table 1. Alerts

Alert	Description
Power Outage	Power was out at this location for more than 1 hour
Power Restore	Power has been restored at this location
Low Battery	Battery has low power or is dead
Auxiliary Input	Optional auxiliary input sensor has tripped
Pass Code Change	The pass code has been altered
Low Temperature Limit	The room temperature dropped below the low limit setting
High Temperature Limit	The room temperature exceeded the high limit setting
Outdoor Low Temperature Limit	The outdoor temperature dropped below the low limit setting

Table 1. Alerts (Continued)

Alert	Description
Outdoor High Temperature Limit	The outdoor temperature exceeded the high limit setting
Air filter	Air/duct filter needs changing
Humidity Low Limit	The indoor humidity dropped below the low limit setting
Humidity High Limit	The indoor humidity level exceeded the high limit setting
System Failure	• An HVAC system component may have failed • A communications fault may have occurred (the communications bus may be down)

ACKNOWLEDGING ALERT MESSAGES
You hear "*To acknowledge receipt of this alert message, press the # key.*"

After the alert message is announced, the TAM prompts you to acknowledge the message. If there is more than one active alert message, the TAM announces the next message, and continues until all alerts are announced.

NOTE: When you acknowledge the alert message by pressing the # key, you are clearing the dial-in alert message and also clearing the dial-out alert. You are **not** correcting the condition that caused the alert.

IMPORTANT
Pressing any other key (besides the # key) ignores the acknowledgement so it remains an active alert. The TAM continues to dial out until an acknowledgement is received.

IMPORTANT:
After receiving an alert, it is important to take appropriate action immediately. See "Alert Menu" on page 15 for more information on dial-out alerts.

Once all alerts are announced, the TAM announces the current date, time, outdoor temperature and indoor relative humidity (if available).

Current Date and Time

You hear "*Today is (month-day-year). The time is (current time).*"

Outdoor Temperature (optional)

You hear "*The outdoor temperature is (__) degrees.*"

Indoor Humidity (optional)

You hear "*The relative humidity is (__) percent.*"

The next announcement lists the main menu selections. (See Fig. 4 on page 11.)

The Main menu selections allow you to change the settings and operation of the Telephone Access module.

Please refer to "Changing Your Telephone Access Module Settings" on page 10 for complete information about your TAM's settings and operation.

Ending Your Call

By pressing the # key from the Main menu, the TAM exits the call and you hear "*Thank for using the telephone access center. Good bye.*" before the TAM hangs up.

NOTE: Simply hanging up the phone also terminates the call after a 30 second delay.

CHANGING YOUR TELEPHONE ACCESS MODULE SETTINGS

IMPORTANT:
The Telephone Access Module (TAM) is designed to allow remote telephone access to your thermostat settings and other system information. To access this information or make changes, you must connect with the Telephone Access Module from an outside line. If you want to access the Telephone Access Module locally, you must use a second telephone line or a cellular telephone.

IMPORTANT:
When interfacing with the TAM make sure to always press firmly and fully on the telephone key. Fast or light key presses can result in missed inputs.

IMPORTANT:
When dialing into the TAM from a cellular telephone, make sure the reception is good. Faulty reception can result in missed key pad entries and eventual time-outs and hang ups

All changes are made using the Main menu selections.

Entering the Main Menu

IMPORTANT

Your installer may have configured your Telephone Access Module. Before changing any settings, discuss the changes with your installer.

To enter the Main menu:

1. Call your Telephone Access Module.
2. Enter your pass code.
   - If your pass code is not yet programmed, you hear "*The pass code is not programmed.*" (See "Pass Code Menu" on page 14 to change the pass code.)
3. Listen to any active alerts.
4. Listen to the date and time, announcements, and (if available) the outdoor temperature, and indoor humidity. announcements.
5. You hear "*Main menu*" followed by the main menu selections. To make a selection, you enter the menu number.

Enter:

1	**Thermostat Menu** Single Thermostat Settings Global Thermostat Settings
2	**Time and Date Menu** hh, mm & mm, dd, yyyy
3	**Passcode Menu** Change the System Passcode
4	**Alert Menu** Set alert priority and dial out time Retrieve alert history
5	**Call and Ring Menu** Configure the dial-out phone numbers Configure the number of rings
6	**Limit Menu** Configure temperature & humidity limits Set factory default limits
7	**Zone Menu** Assign zone names Set zone announcement options
9	Repeat User Menu
#	Exit (Disconnect)

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Fig. 4. Main Menu Selections.

To return to the Main menu at any time from any menu, press the * key.

Thermostat Menu

Press 1 from the Main menu to select the Thermostat menu. From this menu you can change the thermostat setting for an individual thermostat or all thermostats at once, and (if available) listen to the outside temperature and the indoor humidity level.

The Thermostat menu announcements indicate the following:

1. Press 1 to change a single thermostat's settings.
- See "1. Changing Single Thermostat Settings" on page 12

2. Press 2 to change the settings for all thermostats at once.
- See "2. Changing Global Thermostat Settings" on page 13

3. Press 3 to hear the outdoor temperature.
- See "3. Current Outdoor Temperature" on page 13

4. Press 4 to hear the current indoor humidity level.
- See "4. Current Indoor Humidity" on page 13

5. Press 5 to change the degree scale to Fahrenheit (°F) or Centigrade (°C).
- See "5. Changing the Temperature Scale" on page 13

1. Changing Single Thermostat Settings

The Thermostat Settings sub-menu allows you to change the following for each thermostat.

The announcements are: *"The current temperature of (zone) is (_) degrees. The current system setting is (Off, Cool, Heat). The (Cool, Heat) setpoint is (___) degrees. Press 1 to change the system setting. Press 2 to scroll to next zone. Press 3 to scroll to previous zone. Press 4 to change heat setpoint. Press 5 to change cool setpoint. Press 9 to repeat this menu. Press # to return to the Thermostat menu. Press * to return to the Main menu."*

1. Press 1 to change the current thermostat's system setting (Off, Cool, or Heat).
- Each time you press 1, the setting. cycles between Off, Cool, and Heat

2. If more than one zone is present, press 2 to move to the *next* zone.

3. If more than one zone is present, press 3 to move to the *previous* zone.

4. Press 4 to change the Heat setpoint temperature for the current thermostat.
  - Enter the setpoint and press the # key.
5. Press 5 to change the Cool setpoint temperature for the current thermostat.
  - Enter the setpoint and press the # key.

To return to the Main menu, press the * key.

2. Changing Global Thermostat Settings

The Global Thermostat Settings sub-menu allows you to change the system setting and setpoint for all thermostats at once.

The announcement is: "*The current setting for all zones is (___), press zero to change or # to continue.*"

  1. Press 0 (zero) to change the current thermostat's system setting (Off, Cool, or Heat).
    - Each time you press 0, the setting cycles between Off, Cool, and Heat.
  2. Press the # key to change the setpoint temperature for the current system setting.
  3. Enter the setpoint and press the # key.

To return to the Main menu, press the * key.

3. Current Outdoor Temperature

If available, this selection announces the current outdoor temperature.

Press the # key to return to the Thermostat menu, or press the * key to return to the Main menu.

4. Current Indoor Humidity

If available, this selection announces the current indoor humidity percent.

Press the # key to return to the Thermostat menu, or press the * key to return to the Main menu.

5. Changing the Temperature Scale

The Temperature scale selection allows you to change the degree scale to Fahrenheit (°F) or Centigrade (°C).

The announcement is: "*Press 1 to indicate all readings in degrees Fahrenheit. Press 2 to indicate all readings in degrees Centigrade.*"

  1. Press 1 to use degrees Fahrenheit (° F).
  2. Press 2 to use degrees Centigrade (° C).

To return to the Main menu, press the * key.

Date and Time Menu
Press 2 from the Main menu to select the Date and Time menu. From this menu, you change the current time and date for all thermostats and the TAM. Once you are at the Date and Time menu, follow the voice prompts.

Setting the Current Time
The announcement is: "*Please enter current time by entering hours and minutes followed by the # key.*"

NOTE: Enter the time in HHMM format.

Example:
- Keying 0 2 5 1 # on the telephone keypad sets the time to 2:51.
- Select the correct time period; 1 for AM or 2 for PM.

Setting the Current Date
After the time is set, the announcement is: "*Please enter the today's date by entering the month, day, and year followed by the # key.*"

NOTE: Enter the date in MMDDYYYY format.

Example:
- Keying 0 2 2 0 2 0 0 7 # on the telephone key pad sets the date to February 20, 2007.

Confirming Your Time and Date Change
Once the time and date are entered, you hear "*Based on your input, the date is (____) and the time is (___). Press the # key if this is correct or press zero to change the time and date again.*"

- Press the # key to confirm and return to the Main menu.

Pass Code Menu
Press 3 from the Main menu to select the Pass Code menu. From this menu you can change your pass code.

Your pass code is a four-digit number, and the installer should have set a unique pass code for you and written it inside the front cover of the TAM.

NOTE: Whenever the pass code is changed, the TAM initiates a dial-out call to inform you and/or the contractor that the pass code has changed.

Changing Your Pass Code

The announcement is: "*Pass code menu. Please enter a new four-digit pass code followed by the # key.*"

IMPORTANT

Do not leave the pass code unchanged from the factory default setting of 1-2-3-4. Resetting the pass code to the factory default setting will prompt the TAM to always ask you to reset the pass code on every connection.

1. To change the pass code, enter a four-digit number followed by the # key.
   - You hear "*Re-enter your new four-digit pass code followed by the # key.*"
2. Re-enter you pass code followed by the # key.
   - If the pass codes match, you hear "*Pass code changed, the new pass code is (your new pass code),*" and you return to the Main menu.
   - If the pass code is not entered correctly, you hear "*Invalid pass code.*" Follow the voice prompts and these instructions to enter a different pass code.

To leave the pass code unchanged, press the * key to go to the Main menu.

Alert Menu

Press 4 from the Main menu to select the Alert menu. From this menu you can set the priority level (High, Low, or No Priority) for each alert, set the hour of the day to dial-out for the low priority alerts, and retrieve the last ten alerts stored in the TAM.

- "High Priority" alerts are dialed out at the time the alert occurs and are repeated every 30 minutes until the alert is acknowledged.
- "Low Priority" alerts are dialed out at a user set time between 12:00AM and 11:00PM and are repeated every 24 hours until the alert is acknowledged.
- "No Priority" alerts are never dialed-out.

Once you are at the Alert menu —

1. Press 1 to set the priority for the announced alert.
   - To set the alert level, press:
     - 9 = High
     - 5 = Low
     - 1 = No Priority
     - # = do not change
   - Repeat for each alert (See Table 2).
2. Press 2 to set the hour of the day to dial-out for the Low priority alerts.
   - Key in a number from 0 to 23 (12:00am to 11:00pm)

3. Press 3 to listen to the last ten alerts.

To return to the Main menu, press the * key.

If needed, use the "Limit Menu" on page 23 to change the values of the temperature and humidity alert limit settings.

Table 2. Factory Default Alert Levels.

Alert	Factory Alert Level
Indoor Low Temperature Limit	High
Indoor High Temperature Limit	High
Outdoor Low Temperature Limit	High
Outdoor High Temperature Limit	High
Humidity Low Limit	High
Humidity High Limit	High
System Failure	High
Power Outage	High
Air Filter	Low
Auxiliary Input	High
Low Battery	Low
Pass Code Change	High

Call and Ring Menu

Press 5 from the Main menu to select the Call and Ring Menu. From this menu you can set the number of rings required for the Telephone Access Module to answer your call, set your TAM's home number, and set the alert phone numbers for your main, backup, and contractor dial-out numbers. You can also set the dial-out sequence of numbers to be called when an alert occurs.

The Telephone Access Module stores up to four telephone numbers; your home number (required), the your main dial-out number, a backup dial-out number, and the contractor's dial-out number. Each telephone number can be a maximum of 25 digits in length. See Table 3 on page 21 for the dial-out procedure specific to the phone numbers configured.

IMPORTANT

If the main, backup, or contractor numbers are not programmed, a dial-out can not be initiated on an alert condition.

Once you are at the Call and Ring Menu, you hear:
"*Call and ring menu.*
Press 1 to set number of rings.
Press 2 to set home telephone number.
Press 3 to set main telephone number.
Press 4 to set backup telephone number.
Press 5 to set contractor telephone number.
Press 6 to set dial-out sequence.
Press 9 to repeat this menu.
Press * key to return to the main menu."

Selecting a Call and Ring Menu Item

Press the number key for the desired action, and refer to that numbered section (1 to 6) below for more information.

1. Changing the Number of Rings

The ring setting determines how many rings the Telephone Access Module hears before answering. The factory default setting is **four** rings.

Set the proper number of rings for the TAM to avoid interfering with voice mail or an answering machine. See "Calling Your Telephone Access Module" on page 6 for an example.

See "Calling Your Telephone Access Module" on page 6 for information on how to determine the number of rings needed.

The announcement is: "*Press a key from 2 to 9 to set the number of rings before the device will answer a call.*"

1. Enter a digit from 2 to 9 for the number of rings.
   - You hear "*Incoming calls will be answered after (__) rings. Press the # key if this is correct or press zero to change the ring setting again.*"

2. Press the # key to confirm your change or press 0 (zero) to re-enter a different number of rings.

If the Ring Setting is not entered correctly, the TAM announces that you have entered an "Invalid Setting." Follow the voice prompts and the above instructions to enter a new Ring Setting.

2. Entering or Changing the Home Telephone Number

The home telephone number identifies the location where the TAM is installed. This is especially useful if you have multiple TAMs installed at different residences such as your home and cabin, or if a contractor is monitoring your TAM.

The announcement is: "*Current home phone number is (_____). Press # if this is correct. Press zero to change the home phone number again.*"

1. Press 0 (zero) to change the number.
   - You hear "*Please enter the home phone number followed by the # key.*"
2. Enter the telephone number to which the TAM is connected and press the # key.
   - You hear "*You entered (_____) for the home phone number. Press # if this is correct. Press zero to change the home phone number again.*"
3. Press the # key to confirm your change.

3. Entering or Changing the Main Dial-out Number

You select a number where you can be contacted when away from home (such as office, second home, or cellular phone number).

ENTERING THE MAIN NUMBER THE FIRST TIME

If the main number has not been entered before, you hear "*Current main number is disabled. Press the # key to enable the main number or press zero to disable this number.*"

1. Press # to enable the main number.
   • You hear "Please enter the main phone number followed by the # key."
2. Enter the main telephone number for dial-out alerts and press the # key.
   • You hear "*You entered (_____) for the main phone number. Press # if this is correct. Press zero to change the main phone number again.*"
3. Press the # key to confirm your change.

CHANGING THE MAIN NUMBER

The announcement is: "*Current main phone number is (_____). Press # if this is correct. Press zero to change the main phone number again.*"

1. Press 0 (zero) to change the main number.
   • You hear "*Please enter the main phone number followed by the # key.*"

2. Enter the main telephone number for dial-out alerts and press the # key.
   • You hear "*You entered (_____) for the main phone number. Press # if this is correct. Press zero to change the main phone number again.*"
3. Press the # key to confirm your change.

4. Entering or Changing the Backup Dial-out Number

This is an alternate (backup) contact when you cannot be reached (such as relative, friend or neighbor).

ENTERING THE BACKUP NUMBER THE FIRST TIME

If the backup number has not been entered before, you hear "*Current backup number is disabled. Press the # key to enable the backup number or press zero to disable this number.*"

1. Press # to enable the backup number.
   • You hear "*Please enter the backup phone number followed by the # key.*"
2. Enter the backup telephone number for dial-out alerts and press the # key.
   • You hear "*You entered (_____) for the backup phone number. Press # if this is correct. Press zero to change the backup phone number again.*"
3. Press the # key to confirm your change.

CHANGING THE BACKUP NUMBER
The announcement is: "*Current backup phone number is (_____). Press # if this is correct. Press zero to change the backup phone number again*."

1. Press 0 (zero) to change the backup number.
   • You hear "*Please enter the backup phone number followed by the # key.*"
2. Enter the backup telephone number for dial-out alerts and press the # key.
   • You hear "*You entered (_____) for the backup phone number. Press # if this is correct. Press zero to change the backup phone number again*."
3. Press the # key to confirm your change.

5. Entering or Changing the Contractor's Dial-out Number

This number is used for the HVAC contractor providing monitoring service at your request.

ENTERING THE CONTRACTOR NUMBER THE FIRST TIME
If the contractor number has not been entered before, you hear "*Current contractor number is disabled. Press the # key to enable the contractor number or press zero to disable this number*."

1. Press # to enable the contractor number.
   • You hear "*Please enter the contractor phone number followed by the # key.*"

2. Enter the contractor telephone number for dial-out alerts and press the # key.
   • You hear "*You entered (_____) for the contractor phone number. Press # if this is correct. Press zero to change the contractor phone number again*."
3. Press the # key to confirm your change.

CHANGING THE CONTRACTOR NUMBER
The announcement is: "*Current contractor phone number is (_____). Press # if this is correct. Press zero to change the contractor phone number again*."

1. Press 0 (zero) to change the contractor number.
   • You hear "*Please enter the contractor phone number followed by the # key.*"
2. Enter the contractor telephone number for dial-out alerts and press the # key.
   • You hear "*You entered (_____) for the contractor phone number. Press # if this is correct. Press zero to change the contractor phone number again*."
3. Press the # key to confirm your change.

6. Setting the Dial-out Sequence

This action determines the order of the dial-out calls made when alerts occur. See Table 3 on page 21.

NOTE: If the backup and/or contractor numbers are not entered you hear "*Current backup/contractor number is disabled*."

The announcement is: "*Press 1 to have the device always call the contractor. Press 2 to only have the device call the contractor if the other numbers cannot be reached*."

ALWAYS DIAL-OUT TO CONTRACTOR
• Press 1.

The confirmation message is: "*You have chosen to always have the device call the contractor number. Press # key if this is correct. Press zero to change the dial-out sequence again*."

DIAL-OUT TO CONTRACTOR ONLY IF MAIN AND BACKUP NUMBERS DO NOT ANSWER
• Press 2.

The confirmation message is: "*You have chosen to only have the device call the contractor if the other numbers cannot be reached. Press # key if this is correct. Press zero to change the dial-out sequence again*."

Table 3 on page 21 describes how the TAM dials-out depending on the telephone numbers and dial-out sequence that you program:

Table 3. Dial-Out Procedure.

When these numbers are programmed, the TAM dials-out	If Acknowledged	If Not Acknowledged [a]
Main **or** Backup telephone number	Alert is cleared.	Dial-out procedure is attempted every 30 minutes for High priority alerts to the Main or Backup number until the alert is acknowledged.
Main **and** Backup telephone numbers	Alert is cleared if either Main or Backup acknowledges the alert.	Dial-out procedure is attempted to both the Main and Backup numbers every 30 minutes for High priority alerts until the alert is acknowledged by either the Main or the Backup number.
Contractor [b] telephone number	Alert is cleared. [c]	Dial-out procedure is attempted to the Contractor number every 30 minutes for High priority alerts until the alert is acknowledged by the Contractor.
Main **or** Backup **and** Contractor [b] telephone numbers	Alert is cleared if either Main or Backup acknowledges the alert. Contractor alert is cleared once acknowledged by Contractor. [b]	Dial-out procedure is attempted to the Main or Backup numbers every 30 minutes for High priority alerts until the alert is acknowledged by either the Main or the Backup number. If the Main or Backup number is not reached on the first dial-out, the dial-out procedure is attempted to the Contractor number every 30 minutes for High priority alerts until the alert is acknowledged by the Main, Backup, or Contractor.

Table 3. Dial-Out Procedure. (Continued)

When these numbers are programmed, the TAM dials-out	If Acknowledged	If Not Acknowledged [a]
Main **and** Backup **and** possibly Contractor [b] telephone numbers	Alert is cleared if either Main or Backup acknowledges the alert. If Main or Backup acknowledges the alert, the Contractor number is not dialed. Contractor alert is cleared once acknowledged by Contractor [b]	Dial-out procedure is attempted to the Main and Backup numbers every 30 minutes for High priority alerts until the alert is acknowledged by either the Main or the Backup number. If the Main or Backup number is not reached on the first dial-out, the dial-out procedure is attempted to the Contractor number every 30 minutes for High priority alerts until the alert is acknowledged by the Main, Backup, or Contractor.

[a] After the first dial-out attempt, the power outage alert does not dial-out again.

[b] The contractor telephone number is intended for use when you have an agreement with your heating and air conditioning contractor to monitor the alerts sent by your Telephone Access Module.

[c] The contractor may use a special code (last five digits of the entered contractor telephone number) to access the TAM Alert History only. Without the full access code, the contractor cannot access any other features.

Limit Menu

Press 6 from the Main menu to select the Limit Menu. From this menu you can set the indoor and outdoor temperature limits, the humidity level limits, and reset all limits to their factory defaults.

Once you are at the Limit Menu —
- Press 1 to set the Indoor Low Temperature limit (see page 24)
- Press 2 to set the Indoor High Temperature limit (see page 25)
- Press 3 to set the Outdoor Low Temperature limit (see page 26)
- Press 4 to set the Outdoor High Temperature limit (see page 27)
- Press 5 to set the Low Humidity limit (see page 28)
- Press 6 to set the High Humidity limit (see page 29)
- Press 7 to reset all limits to the factory default settings (see page 30)
- Press 9 to repeat the Limit menu selections.

To return to the Main menu at any time, press the * key.

Table 4. Factory Default Alert Level and Limit Settings.

Alert	Factory Alert Level	Factory Setting
Indoor Low Temp Limit	High	50° F (10° C)
Indoor High Temp Limit	High	90° F (32° C)
Outdoor Low Temp Limit	High	40° F (4° C)
Outdoor High Temp Limit	High	105° F (40° C)
Humidity Low Limit	High	25%
Humidity High Limit	High	70%

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Indoor Temperature Low Limit Setting

The Indoor Temperature Low Limit setting is used to activate an alert when the displayed temperature on the thermostat is lower than the value you set. The setting range is 40° F (4° C) to 99° F (37° C) in 1° increments. The factory default setting is 50° F (10° C).

When a thermostat displays a temperature lower than your low limit setting and your dial-out alert is active, the TAM dials out.

⚠ **CAUTION**
Property Loss Hazard.
Do not assume your designate received and acted on the active alert.
Prepare to act promptly; time may be critical.

⚠ **CAUTION**
Property Loss Hazard.
Do not rely only on the Telephone Access Module to identify potential problems in your home (like detecting low room temperatures that can freeze water pipes).
Have someone periodically check your home while you are away.

Tip Set the Low limit setting a few degrees below the set-back setting on your thermostat. This way you can be notified if the temperature drops below your low thermostat setting. This provides an early notice.

If your indoor low limit setting is set to the factory setting, you hear "*The low limit setting is 50° F (°10 C).*"

If the indoor low limit setting is the value you want, press the * key to return to the Main menu.

CHANGING THE INDOOR TEMPERATURE LOW LIMIT SETTING

1. You hear "*To change the low limit setting, press 1*."
2. Press 1.
   • You hear "*Enter the low limit setting followed by the # key.*"
3. Enter a Low Limit Setting from 40° F (4° C) to 99° F (37° C) in 1° increments and press the # key.
   • You hear "*Your low limit setting is (your low limit setting)*."
4. If this is the low limit setting you want programmed, press the * key to return to the Main menu.

If the indoor low limit setting is not entered correctly, you hear "*Invalid setting*." Follow the instructions above to enter a new indoor low limit.

Indoor Temperature High Limit Setting

The Indoor Temperature High Limit setting is used to activate an alert when the displayed temperature on the thermostat is higher than the value you set. The setting range is 40° F (4° C) to 99° F (37° C) in 1° increments. The factory default setting is 90° F (32° C).

When a thermostat displays an indoor temperature higher than your high limit setting and your dial-out alert is active, the TAM dials out.

⚠ **CAUTION**
Property Loss Hazard.
Prepare to act promptly; time may be critical.
Do not assume your designate received and acted on the active alert.

⚠ **CAUTION**
Property Loss Hazard.
Do not rely only on the Telephone Access Module to identify potential problems in your home (like detecting high room temperatures).
Have someone periodically check your home while you are away.

If your indoor high limit setting is set to the factory setting, you hear "*The high limit setting is 90° F (32° C).*"

If the indoor high limit setting is the value you want, press the * key to return to the Main menu.

NOTE: The Indoor Temperature High limit setting must be greater than the Low limit setting.

CHANGING THE INDOOR TEMPERATURE HIGH LIMIT SETTING
1. You hear "*To change the high limit setting, press 1*."
2. Press 1.
   • You hear "*Enter the high limit setting followed by the # key.*"
3. Enter a High Limit Setting from 40° F (4° C) to 99° F (37° C) in 1° increments and press the # key.
   • You hear "*Your high limit setting is (your high limit setting).*"
4. If this is the high limit setting you want programmed, press the * key to return to the Main menu.

If the indoor high limit setting is not entered correctly, you hear "*Invalid setting*." Follow the instructions above to enter a new indoor high limit.

Outdoor Temperature Low Limit Setting

The Outdoor Low Limit setting is used to activate an alert when the displayed outdoor temperature on the thermostat is lower than the value you set. The setting range is -40° F (-40° C) to 105° F (40° C) in 1° increments. The factory default setting is 40° F (4° C).

When a thermostat displays a temperature lower than your low limit setting and your dial-out alert is active, the TAM dials out.

NOTE: In order for this feature to be enabled, an optional outdoor temperature sensor must be installed.

⚠ CAUTION
Property Loss Hazard.
Do not assume your designate received and acted on the active alert.
Prepare to act promptly; time may be critical.

⚠ CAUTION
Property Loss Hazard.
Do not rely only on the Telephone Access Module to identify potential problems in your home (like detecting low outdoor temperatures that can freeze water pipes).
Have someone periodically check your home while you are away.

If your outdoor low limit setting is set to the factory setting, you hear "*The low limit setting is 40°F (4°C)*."

If your outdoor low limit setting is correct, and the value you want, press the * key to return to the Main menu.

CHANGING THE OUTDOOR TEMPERATURE LOW LIMIT SETTING
1. You hear "*To change the outdoor low limit setting, press 3.*"
2. Press 3.
   • You hear "*Enter the low limit setting followed by the # key.*"
3. Enter a Low Limit Setting from -40° F (-40° C) to 105° F (40° C) in 1° increments and press the # key.
   • You hear "*Your low limit setting is (your low limit setting)*."
4. If this is the low limit setting you want programmed, press the * key to return to the Main menu.

If the outdoor low limit setting is not entered correctly, you hear "*Invalid setting*." Follow the instructions above to enter a new outdoor low limit.

Outdoor Temperature High Limit Setting

The Outdoor High Limit setting is used to activate an alert when the displayed outdoor temperature on the thermostat is higher than the value you set. The setting range for the High Limit Setting is -40° F (-40° C) to 105° F (40° C) in 1° increments. The factory default setting is 105° F (40° C).

When a thermostat displays an outdoor temperature higher than your high limit setting and your dial-out alert is active, the TAM dials out.

NOTE: In order for this feature to be enabled, an optional outdoor temperature sensor must be installed.

⚠ **CAUTION**
Property Loss Hazard.
Prepare to act promptly; time may be critical.
Do not assume your designate received and acted on the active alert.

⚠ **CAUTION**
Property Loss Hazard.
Do not rely only on the Telephone Access Module to identify potential problems in your home (like detecting high outdoor temperatures).
Have someone periodically check your home while you are away.

If your outdoor high limit setting is set to the factory setting, you will hear: "The High Limit Setting is 105° F (40° C)."

If your outdoor high limit setting is correct and the value you want, press the * key to return to the Main menu.

NOTE: The Outdoor Temperature High limit setting must be greater than the Low limit setting.

CHANGING THE OUTDOOR TEMPERATURE HIGH LIMIT SETTING
1. You hear "*To change the outdoor high limit setting, press 4.*"
2. Press 4.
   • You hear "*Enter the high limit setting followed by the # key.*"
3. Enter a High Limit Setting from -40° F (-40° C) to 105° F (40° C) in 1° increments and press the # key.
   • You hear "Your high limit setting is (your high limit setting)."
4. If this is the high limit setting you want programmed, press the * key to return to the Main menu.

If the outdoor high limit setting is not entered correctly, you hear "*Invalid setting.*" Follow the instructions above to enter a new outdoor high limit.

Humidity (Indoor) Low Limit Setting

The Humidity Low Limit setting is used to activate an alert when the indoor humidity is lower than the value you set. The setting range is 5 to 95 percent in 5% increments. The factory default setting is 25%.

If the indoor humidity is lower than your low limit setting and your dial-out alert is active, the TAM dials out.

NOTE: In order for this feature to be enabled, TH9421C1004 thermostats must be used.

⚠ **CAUTION**
Property Loss Hazard.
Do not assume your designate received and acted on the active alert.
Prepare to act promptly; time may be critical.

⚠ **CAUTION**
Property Loss Hazard.
Do not rely only on the Telephone Access Module to identify potential problems in your home (like detecting low humidity that can damage woodwork).
Have someone periodically check your home while you are away.

If your Low Limit setting is set to the factory setting, you hear "*The low limit setting is 25 percent.*"

If your humidity low limit setting is correct, and the value you want, press the * key to return to the Main menu.

CHANGING THE HUMIDITY LOW LIMIT SETTING
1. You hear "*To change the humidity low limit set-ting, press 5.*"
2. Press 5.
   • You hear "*Enter the low limit setting followed by the # key.*"
3. Enter a low limit setting from 5 to 95% in 5% increments and press the # key.
   • You hear "*Your low limit setting is (your low limit setting) percent.*"
4. If this is the low limit setting you want pro-grammed, press the * key to return to the Main menu.

If the humidity low limit setting is not entered correctly, you hear "*Invalid setting.*" Follow the instructions above to enter a new humidity low limit.

Humidity (Indoor) High Limit Setting

The Humidity High Limit setting is used to activate an alert when the indoor humidity is higher than the value you set. The setting range is 5 to 95 percent in 5% increments. The factory default setting is 70%.

If the indoor humidity is higher than your high limit setting and your dial-out alert is active, the TAM dials out.

NOTE: In order for this feature to be enabled, TH9421C1004 thermostats must be used.

⚠ CAUTION
Property Loss Hazard.
Prepare to act promptly; time may be critical.
Do not assume your designate received and acted on the active alert.

⚠ CAUTION
Property Loss Hazard.
Do not rely only on the Telephone Access Module to identify potential problems in your home (like detecting high humidity).
Have someone periodically check your home while you are away.

If your humidity high limit setting is set to the factory setting, you hear "The high limit setting is 70 percent."

If your humidity high limit setting is correct and the value you want, press the * key to return to the Main menu.

NOTE: The Humidity High limit setting must be greater than the Low limit setting.

CHANGING THE HUMIDITY HIGH LIMIT SETTING
1. You hear "*To change the humidity high limit setting, press 6.*"
2. Press 6.
   • You hear "*Enter the high limit setting followed by the # key.*"
3. Enter a high limit setting from 5 to 95% in 5% increments and press the # key.
   • You hear "*Your high limit setting is (your high limit setting) percent.*"
4. If this is the high limit setting you want programmed, press the * key to return to the Main menu.

If the humidity high limit setting is not entered correctly, you hear "*Invalid setting.*" Follow the instructions above to enter a new humidity high limit.

Resetting All Limits To Their Factory Defaults

Press 6 from the Main menu to select the Limit Menu.

At the Limit menu, press 7. You hear "*You have chosen to reset all limits to factory default settings. Press # key if this is correct. Press 0 (zero) to leave the limits unchanged.*"

TO RESET AL LIMITS TO THE FACTORY DEFAULTS:
   1. Press the # key.
   2. Press the * key to return to the Main menu.

The above action resets all limits to their factory defaults. See Table 5 for the factory defaults.

TO LEAVE THE LIMITS UNCHANGED:
   1. Press 0 (zero). You hear "*Limit menu.*"
   2. Press the * key to return to the Main menu.

Table 5. Factory Default Settings.

Limit	Factory Setting
Indoor Low Temperature Limit	50º F (10° C)
Indoor High Temperature Limit	90º F (32° C)
Outdoor Low Temperature Limit	40º F (4° C)
Outdoor High Temperature Limit	105º F (40° C)
Humidity Low Limit	25%
Humidity High Limit	70%

Zone Names

The Telephone Access Module can announce the temperatures and settings of up to 50 zones by name.

From the Zone menu you can assign a zone name to each zone in your system, erase all the zone names, and set the zone announcement to state either the zone name or the zone number.

By default, each zone is announced as two numbers (a channel number followed by a zone number) such as "*zone 1 0*," "*zone 2 4*," or "*zone 3 1*." There may be from one to four channels connected to your TAM.

Using the Zone menu, you can assign each zone a name such as "Dining Room" instead of "zone 1 4" for example. See Table 6 on page 32 for a list of the zone names.

Press 7 from the Main menu to select the Zone menu.

Once you are at the Zone Menu, you hear:
"*Zone menu. There are (__) zones in this system.*
Press 1 to assign zone names.
Press 2 to erase all zone names.
Press 3 to set zone announcement options.
Press 9 to repeat this menu.
Press * key to return to the main menu".

Use Table 6 on the next page and the instructions following the table to assign and announce the zones for your system.

- To assign zone names, see "Assigning Zone Names" on page 33.

- To erase all the zone names, see "Erasing Zone Names" on page 33.

- To change the way the zones are announced, see "Announcing Zones by Name or Number" on page 33.

Table 6. Zone IDs and Names.

ID #	Zone Name	ID #	Zone Name	ID #	Zone Name	ID #	Zone Name
1	Area 1	14	Bonus Room	27	Laundry Room	40	Rec Room
2	Area 2	15	Computer Room	28	Library	41	Sewing Room
3	Area 3	16	Den	29	Living Room	42	Spa
4	Area 4	17	Dining Room	30	Lower Level	43	Storage Room
5	Basement	18	Exercise Room	31	Master Bathroom	44	Sun Room
6	Bathroom	19	Family Room	32	Master Bedroom	45	Theater
7	Bathroom 1	20	Foyer	33	Media Room	46	Upper Level
8	Bathroom 2	21	Game Room	34	Nursery	47	Utility Room
9	Bathroom 3	22	Garage	35	Office	48	Walk-in Closet
10	Bedroom	23	Great Room	36	Pantry	49	Wine Cellar
11	Bedroom 1	24	Guest Room	37	Play Room	50	Workshop
12	Bedroom 2	25	Gym	38	Pool Room		
13	Bedroom 3	26	Kitchen	39	Porch		

Assigning Zone Names

1. From the Zone menu, press 1.
   • You hear either "*Zone 1 0 is not yet named. Press 0 (zero) to change this zone name. Press # key to go to next zone.*"
   or
   "*Zone 1 0 is named (zone name). Press zero to change this zone name. Press # key to go to next zone.*"
2. Press 0 (zero) to change the zone name.
   • You hear "*Please enter the two digit number for the name to be assigned to this zone followed by the # key.*"
3. Enter the zone ID number from Table 6 on page 32, and press the # key.
   • If for example you enter "1 7," you hear "*You entered dining room for the new name for this zone. Press # key if this is correct. Press 0 (zero) to change the zone name again.*"
   • If your setting is correct, press the # key to hear the next zone.
   • If the zone ID number is not entered correctly, you hear "*Your entry was invalid.*" Follow the instructions above to enter a new zone ID number.

Repeat the above steps for each zone name.

When all zones are complete, you hear "*All zones have been reviewed. Press the # key to review zones again. Press * key to return to the Main menu.*"

Erasing Zone Names

1. From the Zone menu, press 2.
   • You hear "*You have chosen to erase all zone names. Press # key if this is correct. Press zero to leave zone names unchanged.*"
   a. Press the # key to erase all zone names.
   b. Press zero to leave zone names unchanged.
2. Press the * key to return to the Main menu.

Announcing Zones by Name or Number

1. From the Zone menu, press 3.
   • You hear "*Press 1 to have zones announced by name. Press 2 to have zones announced by number.*"
   a. Press 1 to announce zones by name.
   You hear "*You have chosen to have zones announced by name. Press # key if this is correct. Press 0 to change zone announcements again.*"
   If your setting is correct, press the # key.
   b. Press 2 to announce by zones by number.
   You hear "*You have chosen to have zones announced by number. Press the # key if this is correct. Press 0 to change zone announcements again.*"
   If your setting is correct, press the # key.
2. Press the * key to return to the Main menu.

QUICK START

This section describes how to call your TAM and receive any alerts and messages.

1. Dial the phone number of the TAM (this is the telephone number at the location where the TAM is installed).

2. When the TAM answers the call, you hear "*Welcome to the telephone access center.*"

3. Next you hear a voice prompt to enter your pass code followed by the # key.
   - Enter the four digit pass code followed by the # key.

4. The alert messages (if any) are stated.

5. The current date and time (if already set) are stated.

6. The outdoor temperature (if available) is stated.

7. The indoor humidity (if available) is stated.

8. This completes the messages and alerts. To disconnect from the TAM, simply hang up the phone.

5-YEAR LIMITED WARRANTY

Honeywell warrants this product, excluding battery, to be free from defects in the workmanship or materials, under normal use and service, for a period of five (5) years from the date of purchase by the consumer. If at any time during the warranty period the product is determined to be defective or malfunctions, Honeywell shall repair or replace it (at Honeywell's option).

If the product is defective,

(i) return it, with a bill of sale or other dated proof of purchase, to the place from which you purchased it; or

(ii) call Honeywell Customer Care at 1-800-468-1502. Customer Care will make the determination whether the product should be returned to the following address: Honeywell Return Goods, Dock 4 MN10-3860, 1885 Douglas Dr. N., Golden Valley, MN 55422, or whether a replacement product can be sent to you.

This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by Honeywell that the defect or malfunction was caused by damage which occurred while the product was in the possession of a consumer.

Honeywell's sole responsibility shall be to repair or replace the product within the terms stated above. HONEYWELL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

THIS WARRANTY IS THE ONLY EXPRESS WARRANTY HONEYWELL MAKES ON THIS PRODUCT. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS HEREBY LIMITED TO THE ONE-YEAR DURATION OF THIS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

If you have warranty questions, please write Honeywell Customer Relations, 1985 Douglas Dr., Golden Valley, MN 55422 or call 1-800-468-1502. In Canada, write Retail Products ON15-02H, Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Toronto, Ontario M1V4Z9.

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