# TopTech
comfort | excellence

This manual covers the following models:
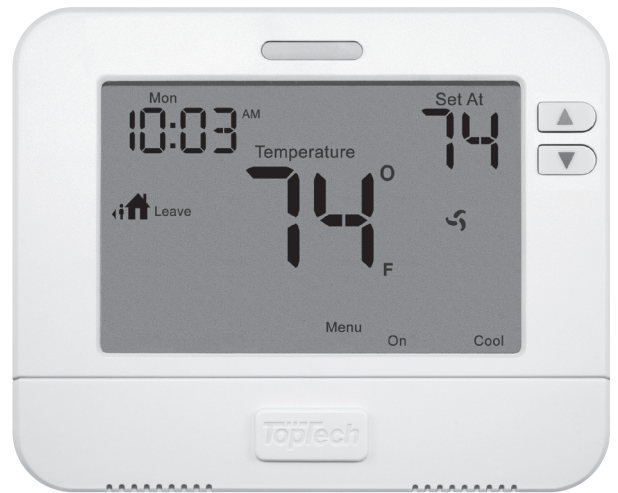**TT-S-855C**
Universal
Up to 2 heat, 2 cool conventional
Up to 3 heat, 2 cool heat pump
Battery or Hardwire
7 Day or 5/1/1 Programmable
2 or 4 Programmable Time Periods

**Congratulations on purchasing your new TopTech thermostat.** This thermostat was designed to the highest reliability and ease of use standards. Thank you for choosing TopTech.

**Caution:**
**Equipment damage hazard**
Do not operate the cooling system if the outdoor temperature is below 50° F (10° C) to prevent possible compressor damage.

## Table of Contents

### Need Help?

For assistance with this product please visit http://www.toptechparts.com.

For technical support call 1-888-776-1427 during normal business hours (Mon-Fri 9 AM - 6 PM Eastern).

For general customer support call our Customer Care Center toll-free at 1-866-239-4440.

Una versión española de este manual puede ser descargada en www.toptechparts.com

Rev. 1151

## Getting to know your thermostat

Days of the week and time

Indicates the current room temperature.

Displays the user selectable setpoint temperature.

Hold is displayed when thermostat program is permanently overridden.

+1 will appear in the display when second stage of heat or cool is on. +2 will appear for third stage of heat.

**COOL    HEAT    FAN**

**System operation indicators:** The **COOL**, **HEAT** or **FAN** icon will display when the **COOL**, **HEAT** or **FAN** is on. NOTE: The compressor delay feature is active if these icons are flashing. The compressor will not turn on until the 5 minute delay has elapsed.

**Programmable Time Period Icons:** This thermostat can have 2 or 4 programmable time periods per day.

Icons are displayed for 4 time periods. Occupied and unoccupied will display in the text field for 2 time periods.

**Program Menu Options:** Shows different options during programming.

**Low Battery Indicator:** Replace batteries when this indicator is shown.

1. **LCD**
2. **Glow in the Dark Light Button**
3. **Fan Button**
4. **System Button**
5. **Temperature Setpoint Buttons**
6. **Menu Buttons Access Door**
7. **Menu Button**
8-10. **User Program Buttons**

⚠️ **Important:**
The low battery indicator is displayed when the battery power is low. If the user fails to replace the battery within 21 days, the thermostat display will only show the low battery indicator as a final warning before the thermostat becomes inoperable. The batteries are located on the back of the thermostat.

## Battery information

On the back of the thermostat insert 2 AA Alkaline batteries (included).

Pull the thermostat directly away from the wall to access the batteries. A firm tug will be required to remove the thermostat from the subbase mounted on the wall.

## Easy to use controls

**A Note About Auto Changeover:**
If in Auto you have the ability to switch between Auto Heat or Auto Cool by pressing the System key. This can be done once the current mode has reached its set-point. For example: if in Auto Heat, the heat setpoint must be satisfied before the thermostat will allow you to switch to Auto Cool. You can switch out of Auto by holding down the System key. To get back into Auto, you must toggle the System key to Auto.

① **LCD Display:**
See page 2 for details about this display read out and icons.

② **Glow in the Dark Light Button:**
The glow in the dark light button will self illuminate for several hours after exposure to ambient light. This button turns on the display light when pressed.

③ **Fan Key:**
Select **ON** or **AUTO**. The **ON** key will run the fan continuously. The **AUTO** key will cycle the fan on only when the heating or cooling system is on.

**A Note About Programmable Fan:**
The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot & cold spots in your building.

④ **System Key:**
Selects the operation mode of your HVAC system. Selecting **HEAT** turns on the heat mode. Selecting **COOL** turns on the air conditioning mode. Selecting **OFF** turns both heating and cooling off. Selecting **AUTO** will turn the **HEAT** or **COOL** on as needed. (**EM Heat** will appear as an option if operating a heat pump. **EM Heat** setting will turn on Emergency Heat)

⑤ **Temperature Setpoint Buttons:**
Press the **+** or **-** buttons to select the desired room temperature.

⑥ **User Buttons:**
Use these buttons to set up your programming options. Refer to the next page for instructions.

## Set Time

Follow the steps below to set the current time:

1. Press **MENU** ⑦.

2. Press **SET TIME** ⑨.

3. Day of the week will be flashing.
   Use the ⊞ or ⊟ key to select the current day of the week.

4. Press **NEXT STEP** ⑩.

5. The current hour is flashing.
   Use the ⊞ or ⊟ key to select the current hour. When using 12-hour time, make sure the correct a.m. or p.m. choice is selected.

6. Press **NEXT STEP** ⑩.

7. Minutes are now flashing.
   Use the ⊞ or ⊟ key to select current minutes.

8. Press **DONE** ⑦ when completed.

> **! Important:**
> You will see a **TECHNICIAN SETUP** option after the **MENU** key is pressed.
>
> This **TECHNICIAN SETUP** key is for installer configuration and should **NOT** be changed unless you consult your Professional Heating and Air Conditioning Technician.

> **! Keypad Lockout Note:**
> If 🔒 appears in display then the keypad is locked. All or some of the keys will not work. Hold the ⊞ and ⊟ keys for 3 seconds to remove the lock.

## Set Program Schedule For Four Time Periods (WAKE, LEAVE, RETURN, SLEEP)

**To customize your 5+1+1 program schedule, follow these steps:**

### Weekday:

1. Select **HEAT** or **COOL** using the **SYSTEM** ④ key.
   **Note:** You have to program heat and cool each separately.

2. Press **MENU** ⑦.

3. Press **SET SCHED** ⑧. Note: Monday-Friday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for the weekday setting.

4. Time is flashing. Use the ⊞ or ⊟ key to make your time selection for the weekday **WAKE** time period. Note: If you want the fan to run continuously during this time period, select **ON** with the **FAN** ③ key.

5. Press **NEXT STEP** ⑩.

6. The setpoint temperature is flashing. Use the ⊞ or ⊟ key to make your setpoint selection for the weekday **WAKE** period.

7. Press **NEXT STEP** ⑩.

8. Repeat steps 4 through 7 for weekday **LEAVE** time period, for weekday **RETURN** time period, and for weekday **SLEEP** time period.

### Saturday:

9. Repeat steps 4 through 7 for Saturday **WAKE** time period, for Saturday **LEAVE** time period, for Saturday **RETURN** time period, and for Saturday **SLEEP** time period.

### Sunday:

10. Repeat steps 4 through 7 for Sunday **WAKE** time period, for Sunday **LEAVE** time period, for Sunday **RETURN** time period, and for Sunday **SLEEP** time period.

**To customize your 7 day program schedule, follow these steps:**

1.  Select **HEAT** or **COOL** using the **SYSTEM** ④ key. You have to program heat and cool each separately.

2.  Press **MENU** ⑦.

3.  Press **SET SCHED** ⑧.
    **Note:** Monday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for the Monday setting.

4.  Time is flashing. Use the [ **+** ] or [ **–** ] key to make your time selection for the Monday **WAKE** time period. **Note:** If you want the fan to run continuously during this time period, select **ON** with the **FAN** ③ key.

5.  Press **NEXT STEP** ⑩.

6.  The setpoint temperature is flashing. Use the [ **+** ] or [ **–** ] key to make your setpoint selection for the Monday **WAKE** period.

7.  Press **NEXT STEP** ⑩.

8.  Repeat steps 4 thru 7 for Monday **LEAVE** time period, for Monday **RETURN** time period, and for Monday **SLEEP** time period.

**Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday**
Repeat steps 4 thru 7 for the remaining days of the week.

## Filter Change Reminder

If your installing contractor has configured the thermostat to remind you when the air filter needs changed, you will see **FILT** in the display when your air filter needs changed. **FILT** will be shown in the display after your system has run long enough to require an air filter change.

Resetting the filter change reminder: When **FILT** reminder is displayed, you should change your air filter and reset the reminder by holding down the second button from the left side of the thermostat for 3 seconds.

## Temporary and Permanent Hold Feature

**Temporary hold:** The thermostat will display **HOLD** and **RUN SCHED** on the bottom of your screen when you press the [ **+** ] or [ **–** ] key. If you do nothing, the temperature will remain at this setpoint temporarily for 4 hours. Your program setpoint will then replace your temporary setpoint.

**Permanent hold:** If you press **HOLD** key at the bottom of your screen, you will see **HOLD** appear below the setpoint temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the [ **+** ] or [ **–** ] keys.

**To return to program:** Press the **RUN SCHED** key at the bottom of your screen to exit either temporary or permanent hold.



Hold down for 3 seconds, to reset filter reminder.

## Set Program Schedule For Two Time Periods (OCCUPIED, UNOCCUPIED)

**To customize your 5+1+1 program schedule, follow these steps**

### Weekday:

1. Select **HEAT** or **COOL** using the **SYSTEM** ④ key.
   **Note:** You have to program heat and cool each separately.

2. Press **MENU** ⑦.

3. Press **SET SCHED** ⑧. Note: Monday-Friday is displayed and the **OCCUPIED TEXT** is shown. You are now programming the **OCCUPIED** time period for the weekday setting.

4. Time is flashing. Use the ⊞ or ⊟ key to make your time selection for the weekday **OCCUPIED** time period. Note: If you want the fan to run continuously during this time period, select **ON** with the **FAN** ③ key.

5. Press **NEXT STEP** ⑩.

6. The setpoint temperature is flashing. Use the ⊞ or ⊟ key to make your setpoint selection for the weekday **OCCUPIED** period.

7. Press **NEXT STEP** ⑩.

8. Repeat steps 4 through 7 for weekday **UNOCCUPIED** time period.

### Saturday:

9. Repeat steps 4 through 7 for Saturday **OCCUPIED** time period and for Saturday **UNOCCUPIED** time period.

### Sunday:

10. Repeat steps 4 through 7 for Sunday **OCCUPIED** time period and for Sunday **UNOCCUPIED** time period.

### Monday

1. Select **HEAT** or **COOL** using the **SYSTEM** ④ key. You have to program heat and cool each separately.

2. Press **MENU** ⑦.

3. Press **SET SCHED** ⑧.
   **Note:** Monday is displayed and the **OCCUPIED** text is shown. You are now programming the **UNOCCUPIED** time period for the Monday setting.

4. Time is flashing. Use the ⊞ or ⊟ key to make your time selection for the Monday time period. **Note:** If you want the fan to run continuously during this time period, select the **FAN** ③ key.

5. Press **NEXT STEP** ⑩.

6. The setpoint temperature is flashing. Use the ⊞ or ⊟ key to make your setpoint selection for the Monday **OCCUPIED** period.

7. Press **NEXT STEP** ⑩.

8. Repeat steps 4 thru 7 for Monday **UNOCCUPIED** time period.

### Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

Repeat steps 4 thru 8 for the remaining days of the week.

# CONTACT US AND WARRANTY INFORMATION

## Contact Us Information

**TopTech** by Pro1
1111 S. Glenstone
Suite 2-100
Springfield, MO 65804

**For General Customer Support Call Toll-free:** 1-866-239-4440
**For Technical Support Call Toll-free:** 1-888-776-1427
**Toll Number (Outside the USA):** 330-821-3600
**Web:** http://www.toptechparts.com
**Hours of Operation:** Monday - Friday 9 AM - 6 PM Eastern

### Warranty Registration:

Your new TopTech thermostat has a 5 year limited warranty. You must register your warranty within 60 days of installation. You can register your new thermostat in 2 ways.

① Go to www.toptechparts.com, and fill out a short registration form online.

**- or -**

② Complete the form below and mail it to the address shown.

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## TopTech Warranty Registration:

| | |
|---|---|
| **Name:** _____ | **Thermostat Model:** TT-S-855C _____ |
| **Address:** _____ | **Date Installed:** _____ |
| _____ | **Complete form and mail to:** |
| **City:** _____ | |
| **State:** _____ | **TopTech** by Pro1 |
| | 1111 S. Glenstone |
| **Zip:** _____ | Suite 2-100 |
| | Springfield, MO 65804 |