Braeburn®

Wireless Setup Guide

BlueLink®

Model 8500
Universal Programmable Wireless Thermostat Kit

Leave this Setup Guide with thermostat.

8500-105-01

The Wireless Menu allows you to pair wireless devices, review devices currently paired, and to clear wireless connections when necessary.

WIRELESS SET
NEXT   RETURN

To Enter the Wireless Menu

1 Press and release the **MENU** button
2 Use the ∧ or ∨ buttons to select WIRELESS SET
3 Press **NEXT** (HOLD) to confirm this choice and enter the Wireless Menu
4 Press **NEXT** (HOLD) or **BACK** (PROG) to move to the next or previous setting
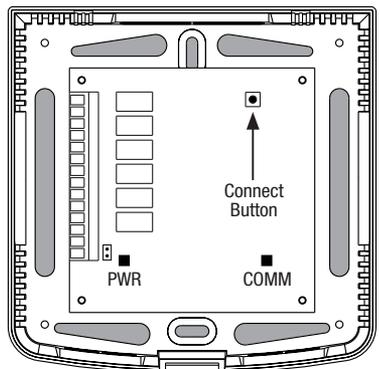5 Press **RETURN** (FAN) to exit or wait 30 seconds

No.	Option	Displayed	Default	Available	Description
1	**Wireless Pairing Mode**	PAIR	NONE	NONE	Select if you do not want to initiate wireless pairing
				CMOD	Select to pair with a control module
				SENS	Select to pair with wireless remote sensors
2	**Control Module Pairing Mode**	CMOD	PAIRING	PAIRING	The thermostat is ready to pair with a control module.
				PAIRED	The thermostat is already paired with a control module.

continued

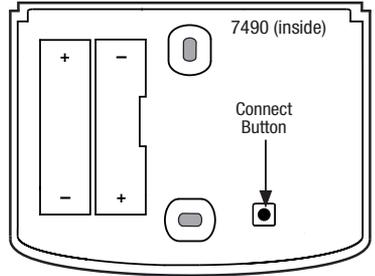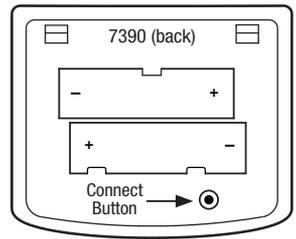| No.	Option	Displayed	Default	Available	Description
3	**Wireless Sensor Pairing Mode**	PAIRING	SENS	PAIRING SENS	The thermostat is ready to pair with a sensor.
				PAIRED IDS1	The thermostat is paired with a wireless indoor sensor
				PAIRED ODS	The thermostat is paired with a wireless outdoor sensor.
4	**Wireless Clear**	CLEAR	NONE	NONE	Select if you do not want to clear any wireless pairing.
				CMOD	Clear the pairing with the control module.
				SENS	Clear the pairing with all sensors.
				ALL	Select to clear wireless connections with the control module and all wireless sensors.

Pairing Wireless Devices - CONTROL MODULE

1 **Wire and Install the Control Module:** Properly wire and configure your thermostat. *NOTE: The control module requires 24 VAC power on the RC and C terminals in order to operate. Ensure the control module LED labeled PWR lights up blue before proceeding.*
2 **Power Up Thermostat:** Power up the thermostat using either 2 AA batteries or using the optional 24V hardwired power connections. The thermostat display should start up.
3 **Initiate CMOD Wireless Pairing Mode:** Use option #2 of the Wireless Menu to initiate Wireless Pairing mode.
4 **Put the Control Module into Wireless Pairing Mode:** Open the cover of the Control Module and hold the CONNECT button for 3 seconds. The far right LED labeled COMM will start to flash slowly. This indicates the Control Module is now attempting to pair with the thermostat. When the pairing is successful, the COMM LED will turn solid blue to indicate a successful connection. The thermostat display should indicate PAIRED CMOD to confirm the pairing was successful.
5 Press **NEXT** (HOLD) to advance to pairing Wireless Sensors, or press **RETURN** (FAN) to exit the Wireless Menu.
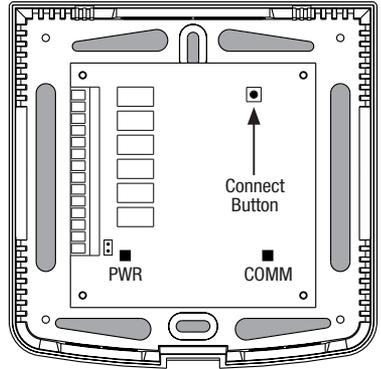
Connect Button

PWR   COMM

Pairing Wireless Devices - WIRELESS SENSORS

1 Power Up Thermostat: Power up the thermostat using either 2 AA batteries or using the optional 24 VAC hardwired power connections. The thermostat display should start up.

2 Power Up Wireless Remote Sensor: Install the 2 AA batteries and power up the Wireless Remote Sensor. Leave the housing door open for now, as we'll need to access the CONNECT button.

3 Initiate SENS Wireless Pairing Mode: Use option #3 of the Wireless Menu to initiate Wireless Pairing mode.

4 Put the Sensor into Wireless Pairing Mode: Open the cover of the sensor and hold the CONNECT button for 3 seconds. The sensor's LED will start to flash slowly. This indicates the sensor is now attempting to pair with the thermostat. When the pairing is successful, the LED will turn solid blue to indicate a successful connection. The thermostat display should indicate PAIRED and the type of sensor to confirm the pairing was successful.

5 Press **NEXT** (HOLD) to advance to pairing additional Wireless Sensors, or press **RETURN** (FAN) to exit the Wireless Menu.

7390 (back)

Connect Button
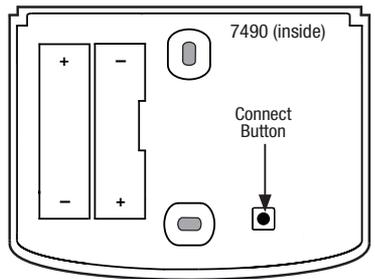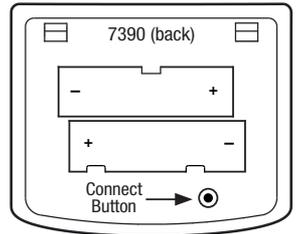

7490 (inside)

Connect Button

Clearing Wireless Connections - CONTROL MODULE

1 Clear Connection from the Thermostat: Use option #4 of the Wireless Menu to clear the CMOD connection.

2 Clear the Connection from the Control Module: Open the cover of the Control Module and hold the CONNECT button for 10 seconds. The far right LED labeled COMM will flash red quickly and then turn solid red. Once the COMM LED turns solid red, you can release the CONNECT button. At this point the control module will reboot, flashing the COMM LED blue once and red once to indicate a successful reset.

3 Clear Complete! The association between the thermostat and the control module is now cleared, and both devices can be associated with a new partner when desired.

Connect Button

PWR   COMM

Clearing Wireless Connections - WIRELESS SENSORS

1 Clear Connection from the Thermostat: Use option #4 of the Wireless Menu to clear the SENS connection.

2 Clear the Connection from the Wireless Sensor: Open the cover of the sensor and hold the CONNECT button for 10 seconds. The sensor's LED will flash red quickly then turn solid red. Once the LED turns solid red, you can release the CONNECT button. The sensor will then restart, flashing the LED blue once and red once to indicate a successful reset.

3 Repeat for All Wireless Sensors: If there are any other Wireless Sensors, they will need to be reset as well. Follow the instructions in step 2 at each sensor to ensure each has been cleared correctly.

4 Clear Complete! The association between the thermostat and the control module is now cleared, and both devices can be associated with a new partner when desired.

7390 (back)

Connect Button

7490 (inside)

Connect Button

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