

TH-DSP SERIES

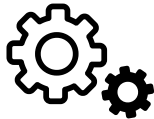
PREMIER HEATER CONTROLLERS

Simple, timed control for two or three infrared heating zones.

CONTROL COMFORT. REDUCE WASTE.

One Touch.
Clear Status.
Automatic Shutoff.

The TH-DSP Series gives occupants intuitive push-button control while helping facilities prevent heaters from running longer than needed. Designed for commercial infrared heating, it offers a clean control interface for contractors, facility managers, and end-users.



Simple Operation

Press once for **low fire**.
Press again for **high fire**.
Hold to **turn off**.



Built-In Timer

Selectable **30, 60, or 120-minute shutoff** helps control energy use.



Visible Status

Illuminated rings show operating mode, override status, and heater faults.

See the Status at a Glance

RGBW illuminated rings communicate the heater condition without a display or menu.



Off
Heater Off



Light Blue
Low Fire



Dark Blue
High Fire



Red
Timer Override



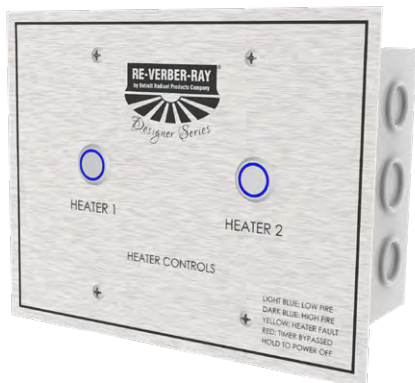
Yellow
Heater Fault

LBCDSP-XM-07/26 (XXX)

Meet the Product Line

The TH-DSP Series offers **two** premium heater controller options to suit various commercial configurations:

TH-DSP2Z Controller



Dual-button configuration designed to independently manage two separate infrared heating zones with high/low or single stage switching.

Controlled Zones / Buttons:
2 Zones (Heater 1, Heater 2)

Contact Action:
Momentary

Target Application:
Standard dual-zone commercial spaces

Timer Settings:
30, 60, or 120 minutes

Control Voltage / Switching:
24 VAC switching

Timer Override:
Yes (Hold both buttons for 3s)

Operating Options:
Single stage or two stage

Fault Indication:
Yellow illuminated ring

Electrical Rating:
3 A max. @ 250 V /
6.25 A max.
@ 120 V per button

Faceplate Dimensions:
7.5"×9.5"×0.125"

Junction Box Dimensions
8.0625"W×6"H×4"D

TH-DSP3Z Controller



Triple-button configuration built to handle multi-zone setups, offering flexible timing controls and independent zone operation.

Controlled Zones / Buttons:
3 Zones (Heaters 1–3)

Contact Action:
Momentary

Target Application:
Standard multi-zone commercial spaces

Timer Settings:
30, 60, or 120 minutes

Control Voltage / Switching:
24 VAC switching

Timer Override:
Yes (Hold buttons 1 & 2 for 3s)

Operating Options:
Single stage or two stage

Fault Indication:
Yellow illuminated ring

Electrical Rating:
3 A max. @ 250 V /
6.25 A max.
@ 120 V per button

Faceplate Dimensions:
7.5"×9.5"×0.125"

Junction Box Dimensions
8.0625"W×6"H×4"D

Built for Commercial Infrared Heating

One Control. Multiple Heating Zones.

Each button independently controls one heater or heating zone. Two stage systems provide low and high fire operation, while single stage systems provide positive on/off control.

Ideal Applications

- Restaurant patios
- Outdoor entertainment
- Golf and sports venues
- Manufacturing workstations

Field Wiring Diagram -

Controlling multiple heaters with a single control device

