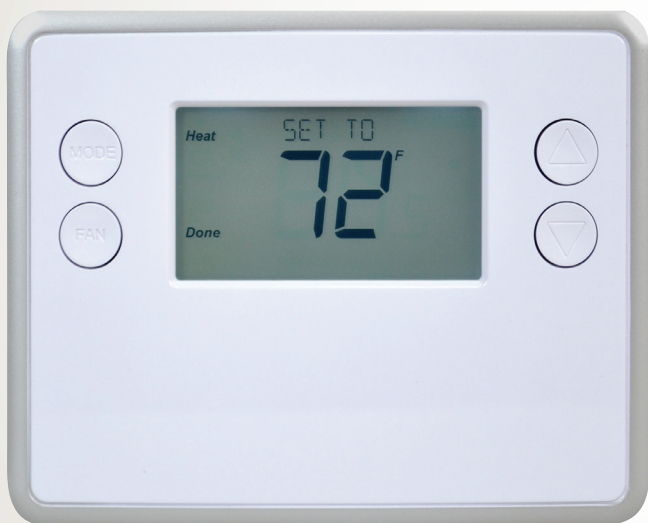


# GC-TBZ48 GOCONTROL BATTERY-POWERED Z-WAVE THERMOSTAT



## Includes

- Includes the GC-TBZ48 Battery Powered Z-Wave® Thermostat
- 4 AA Batteries
- Mounting Hardware
- Installation Manual/User Guide

## BATTERY-POWERED Z-WAVE THERMOSTAT

*Manage your comfort at home or across the globe*

Heating and cooling account for 48% of the energy use in a typical U.S. home, making it the largest energy expense for most households. When set properly for current weather conditions, smart thermostats are estimated to save homeowners an average 5% to 15% (and sometimes more) off of those energy costs (energy.gov).

The GoControl Battery-Powered Z-Wave Thermostat is one of the easiest smart thermostats to install and is controllable by all Z-Wave hubs, including the 2GIG Go!Control security system. When integrated with the apps that control your Z-Wave hub, lets you adjust your home's HVAC settings from any smartphone or tablet, whether you are sitting in your living room or in a hotel room across the globe.

Using the battery-powered version, low-voltage integrators can connect the thermostat to 95% of HVAC systems without the help of an electrician or HVAC contractor. Its flexible design also allows for the thermostat to be powered by the HVAC systems 24VAC "C" wire, if desired.

# GOCONTROL BATTERY POWERED ZWAVE THERMOSTAT SPECIFICATIONS & TECHNOLOGY

## Operating Requirements

- Replace the existing thermostat by connecting the wires to the corresponding inputs
- 4 AA batteries or connection to the 24 VAC "C" wire from the HVAC System

## Package Contents

- GC-TBZ48 GoControl Thermostat
- 4 AA Batteries
- Mounting Hardware
- Installation Manual and User Guide

## Compatibility

- Works with all Z-Wave Hubs, including 2GIG Go!Control security panels.
- Also works with:
  - Alarm.com
  - Telguard
  - Uplink
- For more connectivity options, scan the QR Code below:



## SPECIFICATIONS

### Thermostat Features:

Display	Fixed Format Display with white backlight
Display Options	Heating and Cooling Setpoint display option
System Mode	Off, Heat, Cool, Auto, E-Heat
Fan Mode Display and Control	Auto and On
On-Screen Setup of:	HVAC Type, Fan Type, Changeover type for HP systems, F/C mode and sensor calibration

### Thermostat Specifications:

Power:	Battery or 24V AC powered: Compatible with the vast majority of Central HVAC systems
Z-Wave Frequency:	908.42 MHz
System Compatibility:	Central HVAC systems or separate heating/cooling systems with separate RH/RC transformers (split)
Standard Gas/Electric HVAC:	2 stage heating, 2 stage cooling
Heat Pump HVAC:	3 stage heating, 2 stage cooling
Fan System:	Selectable for gas or electric heat systems
Heat Pump Change Over Valve (Reversing Valve):	Selectable for change over with heat or change with cool (O or B output)
Emergency Heat:	In Heat Pump mode, Emergency Heat mode is selectable from the thermostat
HVAC System Protection	Compressor short cycle protection delay of 5 minutes (adjustable)
Operating Temperature Limits	32° to 122° F (0° to 50° C)
Relative Humidity	5-95% Non-Condensing

### Power Requirements

Input	4 AA Batteries or 24V AC "C" Wire from HVAC system
Note:	24V operation requires both 24VAC (R) and 24VAC common (C) wires from the HVAC System - DO NOT use batteries when using 24V power

### Wiring Requirements

Uses Standard HVAC Connections	C, RC, RH, W1, W2/O, Y1, Y2, G-18 AWG
--------------------------------	---------------------------------------

### Enclosure

Material and Certification	ABS Plastic
Color	White with Silver Painted Trim
Dimensions	5.75 x 4.5 x 1 in (14.6 x 11.4 x 2.5 cm)
Weight	1 lb (4.5 kg)

### Compliance

United States	FCC Compliant to CFR47, Part 15B
Canada	Industry Canada RSS 210, Issue 8

Nortek Security & Control | 1950 Camino Vida Roble | Suite 150 | Carlsbad, CA 92008 | 800.421.1587 | nortekcontrol.com

Copyright © 2015 Nortek Security & Control LLC. All rights reserved. Go!Control is a registered trademark of Linear LLC. All other products or name brands are trademarks of their respective holders. Specifications and product availability subject to change without notice. Visit the 2GIG dealer web site at [dealer.2gig.com](http://dealer.2gig.com) or contact your local 2GIG dealer for more information.

**NORTEK**  
SECURITY & CONTROL™