TRANE SC360 Link System Controller and Smart Thermostat Instructions

It's Hard to Stop A Trane® .
Trane® Link System Controller and Smart Thermostat

Contents

SC360 Link System Controller and Smart Thermostat

SC360
System controller

UX360
Smart thermostat

TLINK360A2VVUA
(kit includes System Controller and Smart Thermostat)

- Mobile app compatible with built-in Z-Wave bridge (download Trane Home mobile app)
- Trane Diagnostics 1
- Trane Diagnostics mobile app compatibility allows for easy technician commissioning and servicing
- WiFi connection

- Control from a smartphone, tablet, or computer 12

- 7″diagonal color touchscreen

- 1-Touch Presets – Home, Away, Sleep

- 7 Day programmable with up to four schedules per day

- Smart Continuous Fan

- Adjustable Continuous Airflow (35-100%)

- Five day weather forecast 1

- Indoor relative humidity display

- Test modes and alert diagnostics

- Over-the-air Software Upgrade 1

- Color: Designer White

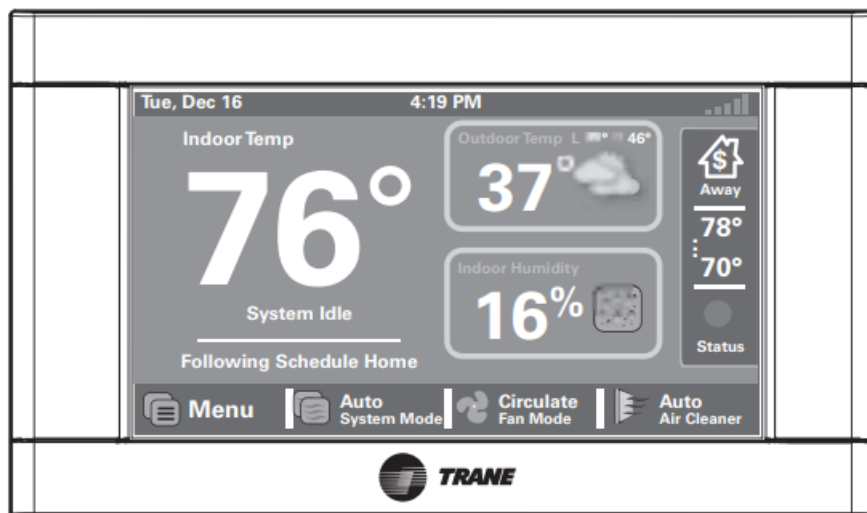- Limited Warranty: 5 yr. base/10 yr.

Application:

- TruComfort™ Variable Speed

- Remote wired temperature sensor available through the hub

- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA

1 Requires internet service and connection to Trane® Home Smart Home System.
2 Trane® Home remote climate access is included with the purchase of up to 8 Connected Controls per home. Adding accessories to your Trane® Home system may require a monthly subscription for remote access via most webenabled smartphones, tablets and computers.
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product
Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

XL 824
TCONT824AS52DB

Home™

Conventional 24 Volt Smart Thermostat

TCONT824AS52DB

- Energy Star® certified
- Built-in Z-Wave Bridge 1
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer 12
- 4.3″ color touchscreen
- 7 Day programmable with up to fourschedules per day
- Five day weather forecast, weather radar, and weather alerts 1
- Indoor relative humidity display
- Enhanced dehumidification (cooling)
- 2 Auxiliary dry contacts control 2 of the following: Whole house humidifier, dehumidifier, orventilation system
- Test modes and alert diagnostics
- Screen access restrictions
- Trane Diagnostics 1
- Over-the-air software upgrade 1
- Local software upgrade option
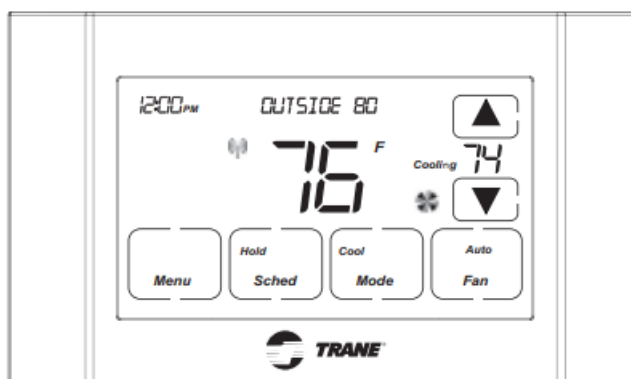- Silver/Gray color
- Limited Warranty: 5 yr. base/10 yr.

Application:

- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (forced air only)
- Conventional HVAC systems:

- 2 Heat / 2 cool
- Heat Pump systems: Up to 5 stages heat / 2 stages cool (2 compressor heat – 3 auxiliary heat / 2 cooling)
- Heat Pump switchover valve: selectable "with cool or with heat"
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Wall cover plate BAYCOVR800A

Dimensions:

- Product: 5.43″w x 3.39″h x 1.30″d
- Display: 4.15″w x 2.65″h

XL 724
TCONT724AS42DA

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TCONT724AS42DA

- Mobile app compatible (Download Trane Home) 12
- WiFi connectivity
- Control from a smartphone, tablet, or computer 12
- Trane Diagnostics 1
- 4.3″diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day

- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- PWM Circuit (BK terminal): control indoor unit variable speed blowers
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Color: Designer Silver
- Limited Warranty: 1 yr. base/5 yr.

Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
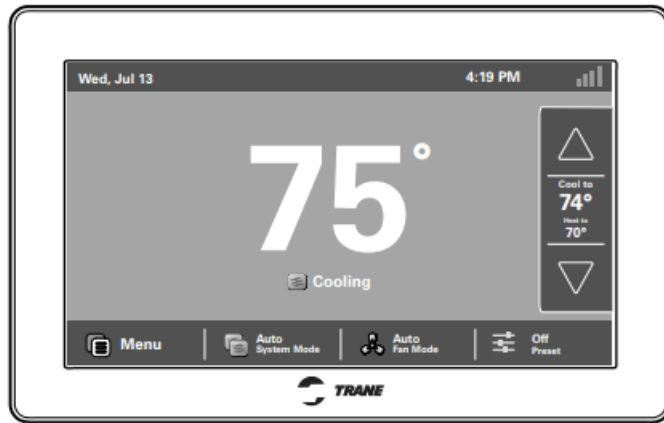- Z-Wave Bridge is required to control Z-Wave devices 12

Dimensions:

- Product: 5.9″w x 3.47″h x .95″d
- Display: 3.8″w x 2.3″h

1 Requires internet service and Trane® Home smart home system registration.
2 Trane® Home remote climate access is included with the purchase for up to 8 Connected Controls per home.
Adding accessories or additional controls to your Trane® Home system may require a monthly subscription.

ComfortLink™ II Communicating Smart Thermostat

XL 1050
TZON1050AC52ZA

TZON1050AC52ZA

- Mobile app compatible with built-in
- Z-Wave bridge (download Trane Homemobile app)
- Trane Diagnostics 1
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer 12
- 7″diagonal color touchscreen
- 1-Touch Presets – Home, Away, Sleep
- 7 Day programmable with up to four schedules per day
- Customizable Home Screen
- Runtime History
- Allergy and Quick Clean Air Cycles
- Smart Continuous Fan
- Adjustable Continuous Airflow (35-100%)
- Screen access restrictions
- Dealer Contact Widget
- Service, Filter, Humidifier, UV Light,
- Air Cleaner Reminders
- Five day weather forecast, weather
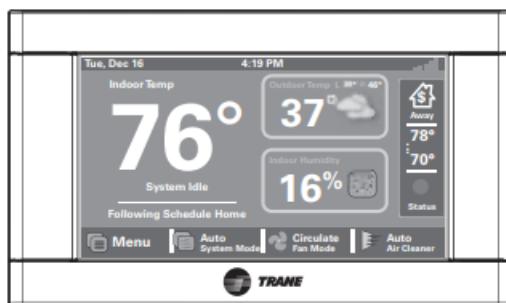- radar, and weather alerts 1

- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade 1
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. base/10 yr.

Application:

- TruComfort™ Variable Speed
- ComfortLink™ II Two Stage Systems
- ComfortLink™ II Zoning Systems
- TruComfort™ Variable speed outdoor cooling or heat pump unit combined with S-Series noncommunicating variable speed furnace and "C" model Relay Panel
- Relay panel (BAY24VRP52DC) is required when applied with conventional systems (Gas Electric, Heat Pump, Dual Fuel, Boilers – forced air only)
- Relay Panel Supports:
    – Up to 5 stages heat, 2 stages cool
    – Connections for Remote indoor and outdoor temperature sensors
    – 3 Dry Auxiliary Contacts to control whole house humidifier, dehumidifier, or ventilation system
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

Dimensions:

- Product: 7.2″w x 4.5″h x 1.2″d
- Display: 6.1″w x 3.3″h

XL 850
TCONT850AC52UB

1 Requires internet service and connection to Trane® Home Smart Home System.

2 Trane® Home remote climate access is included with the purchase of up to 8 Connected Controls per home. Adding accessories to your Trane ® Home system may require a monthly subscription for remote access via most webenabled smartphones, tablets and computers.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

TCONT850AC52UB

- Mobile app compatible with builtin Z-Wave bridge (download Trane Home mobile app)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer 12
- Trane Diagnostics 1
- 4.3″diagonal color touchscreen
- Compatible with ComfortLink™ II communicating systems (variablespeed and two stage)
- Compatible with conventional 24 volt HVAC, heating, heat pump, and dual fuel systems when used with accessory relay panel model BAY24VRPAC52DC
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts 1
- Indoor relative humidity display
- Test modes and alert diagnostics
- Trane® Home Diagnostics 1
- Over-the-air software upgrades 1
- Local software upgrade option
- Silver/Gray color
- Wall cover plate BAYCOVR800A

- Limited Warranty: 5 yr. base/10 yr.
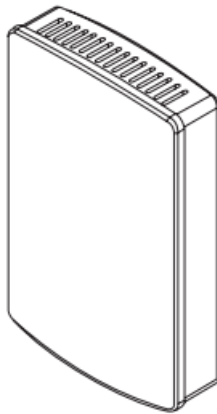
Application:

- ComfortLink™ II communicating systems (variable speed and two stage)
- Variable speed outdoor cooling combined with S-Series noncommunicating variable speed furnace and "C" model Relay Panel
- Conventional gas/electric, heat pump, dual fuel systems, or boiler systems (forced air only)with use of relay panel model BAY24VRPAC52DB. Relay panel controls up to 5 stages heat, 2 stages cool, remote indoor and outdoor connections, humidifier, dehumidifier, and ventilation system.
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

Dimensions:

- Product: 5.43″w x 3.39″h x 1.30″d
- Display: 4.15″w x 2.65″h

Trane® Home Compatible Products

Remote Temperature Sensor

Remote Wireless Indoor Sensor

ZSENS930AW00MA

- Indoor Wireless Temperature and Humidity Sensor for use with TCONT824, TCONT850, TZON1050
- Operating Ambient Temperature Range: 32° to 104°F (0° to 40°C)
- Power Supply: Two AAA alkaline batteries
- Sensor Accuracy: +/–1°F over the sensing range of 32°F to 120°F (0° to 48.9°C)
- Operating Relative Humidity: 10% to 90% non-condensing
- Enables RoomIQ™ access in Trane Home mobile app

Dimensions in in. (mm):

- 2.0″ (51)w x 3.25″ (83)h x .6 (15)d
- Storage Temperature: -40° to 140°F (-40° to 65°C)
- Finish: White

Modules

Smart Energy Switch

Smart Energy Switch
SKU: 811097020464

- Z-Wave plus Smart Energy Switch with single switched outlet
- Can be scheduled or remote controlled via Trane Home app on smartphone/tablet
- Physical button allows manual switch control
- Built-in Z-Wave repeater to extend wireless range up to 250ft
- Monitors energy consumption of plugged-in device and provides instant power and accumulated power consumption reports via Trane Home app
- Plugs into any standard 120VAC outlet. Provides over voltage/current protection.
- For indoor use only

Application:

- Protocol: Z-Wave Plus
- Manufacturer: Trane Home
- Max load: 400W incandescent, 15A resistive, 120VAC
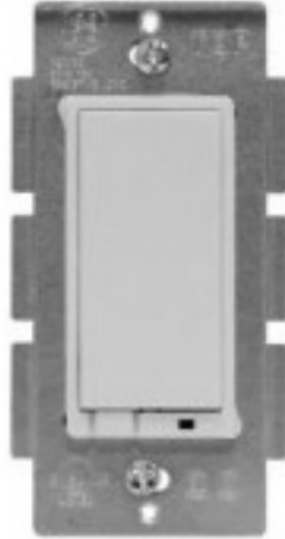- Operating Temperature: 32-104°F

Unit Dimensions:

- 2.2″w x 2.2″d x 2.4″h
- Shipping weight: 1 lb.

Warranty

- 1-Year Limited Warranty

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Trane® Home Compatible Products

Jasco In-Wall Dimmer Switch

Dimmer Switch
SKU: 030878143219
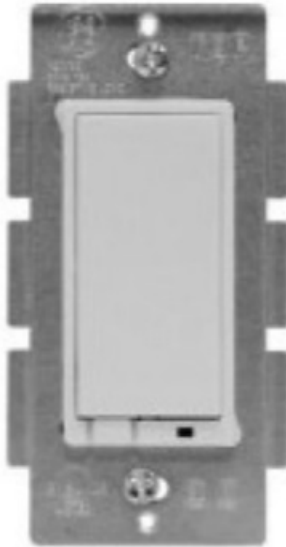SKU: 043180457127 (Phasing out)

- Turn light on/off or dim any incandescent lighting remotely from Trane® Home app 1
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes spacesaving screw terminals
- Automate with Trane® Home based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:

- Protocol: Z-Wave Plus
- Power: 120 VAC, 60Hz
- Max Load: 1000W, 2-gang 800W and 3-gang 600W
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty

- 1-Year Limited Warranty

Jasco In-Wall On/Off Switch
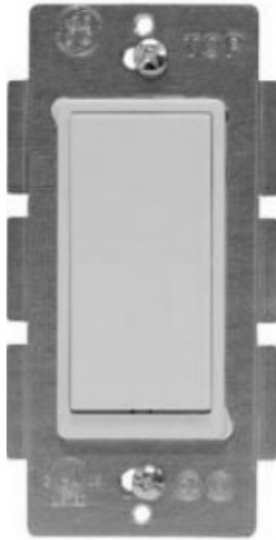
On/Off Switch
SKU: 030878143189

- Turn any light on/off remotely from Trane ®Home app 1
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes spacesaving screw terminals
- Automate with Trane® Home based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:

- Protocol: Z-Wave Plus
- Power: 120 VAC, 60Hz
- Max Load: 960W Incandescent, 1/2 HP Motor, 1800W (15A) Resistive
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty

- 1-Year Limited Warranty

Jasco In-Wall 3-Way Add-on Switch

3-Way Add-on Switch
SKU: 030878465601

- The Jasco Add-On Switch mirrors the functionality of the Jasco switch with which it is paired. Unlike traditional lighting controls, all paired switches perform the same functions. 1
- Compatible with all In-Wall GE and Jasco Switches, Dimmers and Fan Controls
- Required for use with 3- and 4-way wiring
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes spacesaving screw terminals

Application:

- Power: 120 VAC, 60Hz
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty

- 1-Year Limited Warranty

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

1 Requires internet service and Trane® Home smart home system registration.

Jasco In-Wall Fan Control Switch

In-Wall Fan Control Switch
SKU: 030878143141
SKU: 030878127301 (Phasing out)

- Turn fan on/off and control up to three speed levels remotely from Trane® Home app
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes spacesaving screw terminals and neutral jumper wires
- Automate with Trane® Home based on temperature (with Z-Wave temperature sensor) or time of day
- Trigger actions from other smart products
- LED indicator glows in dark
- Turn fan on/off and control up to three speed levels remotely from Trane® Home app
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes spacesaving screw terminals and neutral jumper wires
- Automate with Trane® Home based on temperature (with Z-Wave temperature sensor) or time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 1.5A no more than two identical fans per switch not to exceed 1.5A resistive load – Controls Fan Motor Only – for use with split capacitor or shaded pole ceiling fan motors
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

JASCO In-Wall Smart Motion Switch

In-Wall Smart Motion Switch SKU: 030878247702

- Indoor in-wall Z-Wave light switch with integrated motion sensor
- Wirelessly trigger scenes/ automations and send alerts to smartphone or tablet when motion detection has turned lights on or off.
- Can be used in 3-way and 4-way applications
- Multiple Operation Modes:
  – Occupancy – auto ON/auto OFF
  – Vacancy – manual ON/auto OFF
  – Manual – manual ON/OFF
- 3 Sensitivity Levels – low, medium, high
- Requires in-wall installation with hard-wired connections – Neutral wire REQUIRED.
- Includes white and light almond paddles (wall plate not included)

Application:

- Protocol: Z-Wave
- Manufacturer: JASCO
- Max load: 960W incandescent, ½ HP motor, 1800W, 120VAC
- Operating Temperature: 32-104°F

Unit Dimensions:

- 1.5″w x 1.5″d x 3.0″h

Warranty

- 1-Year Limited Warranty

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Security Sensors & Alarms

Sensative Strips Door/Window Sensor
SKU: 7350088520024

- Ultra thin design (less than 3 mm) for invisible mounting between most doors/windows and their frames
- Simple to set up with the included adhesive backing
- Indoor or outdoor use
- Not for use on metal surfaces which may block the signal
- Long lasting non-replaceable battery (10 year life)

Application:

- Protocol: Z-Wave
- Manufacturer: Sensative

  Application:
- Indoor Range: 130 ft.
- Magnetic Range: 0.6″
- Operating Temperature: -4°F-140°F (-20°C-60°C)

Dimensions:

- Sensor: 7.7"l x 0.6″w x 0.12″d

  Magnet: 1.2″l x 0.43″w x 0.04″d
- Weight: 2 oz.

Warranty

- 1-Year Limited Warranty

Outdoor Lighting Module

Outdoor Lighting Module
SKU: 030878142847

- Wirelessly schedule and control outdoor lighting and appliances, including seasonal and landscape lighting, fountains and pumps from anywhere
- Contains one Z-Wave outlet and a manual switch for On/Off control
- Weather and impact resistant enclosure
- Built-in mounting bracket

Application:

- Protocol: Z-Wave
- Max load: 600W incandescent, ½ HP motor, 120VAC
- Operating Temperature: 32-104°F

Dimensions:

- 5.5"h x 4.0"w x 2.5"d

Warranty

- 1-Year Limited

FortrezZ Water Valves

Indoor Actuator

Indoor Actuator
SKU: 045635411890
Indoor Actuator

- Remotely operated Z-Wave water valve compatible with Trane® Home smart home systems 1
- Automatically turns off main watersupply when a water event is detected
- Select 3/4″, 1″, or 1-1/4″ brass water valve for use with indoor actuator
- Can be used as irrigation device
- Multiple valves can be used and programmed in a Z-Wave Network
- Meets the standard of most state and municipal authorities
- Two tactile switches to manually activate the valve
- Ask insurance company for specific details about premium discounts for flood protection

Outdoor actuator

Outdoor Water Valve Variants SKU: 661799563260 Outdoor actuator and indoor control with 50' cable 2 3

Brass Water Valves

Brass Ball Water Valves SKU: 045635411852 3/4″ Brass Valve 4

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

1. Requires internet service and Trane® Home smart home system registration.
2. Used with brass ball valves (ordered separately)
3. For applications that require outside installation above or below grade with temporary submersion at limited depth. See installation instructions for details.
4. Used with outdoor water valve variant (ordered separately)

Documents / Resources

	TRANE SC360 Link System Controller and Smart Thermostat [pdf] Instructions TLINK360A2VVUA, XL 824 TCONT824AS52DB, XL 724 TCONT724AS42DA, XL 1050 TZON1 050AC52ZA, XL 850 TCONT850AC52UB, SC360 Link System Controller and Smart Thermosta t, SC360, Link System Controller and Smart Thermostat, System Controller and Smart Thermo stat, Controller and Smart Thermostat, Smart Thermostat, Thermostat

References

- **User Manual**

Manuals+,