



## T2x Remote Control

Defining engineering excellence - the remarkable T2x is the fifth generation of RTI's renowned T2 remote control platform. A full complement of hard buttons provide quick, intuitive control, while the 2.8" touchscreen interface can be custom tailored for full control of devices throughout the environment. Now, RTI is taking this design platform to unprecedented levels with cutting edge features that leverage today's technologies, to provide a more satisfying and reliable control experience than ever before. Innovations include grip sensors to keep the remote awake during use, an accelerometer for instant-on control\*\*, a flush-mount touchscreen allows improved gesture control, WiFi® and more. The combination of the T2x and an RTI control system provides the power, the customization, and the advanced features needed to make controlling today's electronics a true pleasure.

## Key Features

- Dual RF transmission capability uses 433MHz and 2.4GHz (utilizing Zigbee® technology).
- Integrated 802.11b/g wireless Ethernet.
- Two-way control using 2.4GHz (Zigbee®) and RTI control components.
- Flush mount, 2.8" color touchscreen for improved gesture support.
- Integrated grip sensors keep the remote awake while in use.\*\*
- Accelerometer provides "instant-on" control.\*\*
- Forty-seven programmable keypad buttons for commonly used functions.
- Four general purpose assignable/programmable keypad buttons with interchangeable keycap labels - Laser Shark compatible.
- Transmits IR and RF (or both - on a single button press!).
- Extremely wide IR transmitting frequency range.
- Greatly improved power management and battery charging.
- Programming can be updated wirelessly.
- Thin, sleek design with superb ergonomics.
- Cursor button allows simple scrolling list navigation.
- System includes a Lithium-Ion battery and docking station.
- Completely customizable and programmable.
- Non-volatile Flash memory stores your system configuration even when power is not present.

## Specifications

Power.....	3.6 VDC, 1800 mAh Lithium-Ion Battery Pack
Power Management.....	Automatic On/Off (integrated accelerometer / grip sensors)
Infrared Control Range.....	30 feet (9.1 meters) @ 60 degrees
Infrared Frequency Transmission Range.....	15kHz - 460kHz
Radio Frequency Control Range.....	Up to 100 feet (30.5 meters)
.....	(with optional System Interfaces/Processors)
Radio Frequency Carrier.....	802.15.4 @ 2.4GHz (Zigbee® Wireless Mesh Networking)
.....	433MHz
Wireless Ethernet.....	802.11b/g @ 2.4Ghz
Operating Temperature.....	+32°F to +122°F (0°C to +50°C)
Operating Humidity.....	5% to 95% Non-condensing
Touchscreen Display.....	High-brightness color TFT LCD
.....	1/4 VGA (240x320 pixels) with 64K colors
.....	Integrated high-resolution touchscreen
Display Size.....	2.8 in (71mm) diagonal
Backlights.....	Blue/White LED (Keypad)
Nominal Run Time on Full Charge.....	4-6 hours, continuous use
.....	(WiFi® & backlight setting dependent)
.....	(5 to 7 days on average use)
Standby Time on Full Charge.....	30 Days
Battery Charge Time.....	3-4 Hours
Total System Memory.....	128M Bytes Flash (non-volatile) memory
Device Capability.....	Total number of devices is limited only by memory
Macro Capability.....	Unlimited steps in a single macro
.....	Total number of macros is limited only by memory
.....	Macro capability on every button
Communications.....	USB 2.0 programming port
Dimensions (L x W x D).....	10.0" (254mm) x 2.3" (58mm) x 0.7" (20mm)
Enclosure.....	High-impact molded ABS plastic
Weight.....	8.8 oz. (250g) with battery pack
Warranty.....	Three Year (Parts & Labor) / One Year on the battery

All specifications subject to change without notice

\* Two-way feedback available only when used with RTI control components.

\*\* Grip sensors and accelerometer cannot be used simultaneously.



**Remote Technologies Incorporated**  
 5775 12th Avenue East, Suite 180, Shakopee, MN 55379  
 PH: (952) 253-3100 • Website: [www.rticorp.com](http://www.rticorp.com)

## RTI User Interfaces

RTiPanel	Mobile & PC Software Interface (App)
SURFiR	Companion Remote Control
T1-B+	Remote Control
T2i	Remote Control
T2x	Remote Control
T3x	Remote Control
RKM-1+	In-Wall Audio Distribution Keypad
RK1+	2-4-8 Button In-Wall Keypad
KX1	1.2" Audio Distribution Keypad
KX2	2.8" In-Wall Touchpanel Keypad
KX3	3.5" In-Wall Touchpanel Keypad
KX7	7" In-Wall Touchpanel
KX10	10" In-Wall Touchpanel
CX7	7" Countertop/Under-Cabinet Touchpanel
CX10	10" Countertop/Under-Cabinet Touchpanel

## RTI Control Accessories

RP-4	RF Control Processor
XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8v	Advanced Control Processor
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
ZW-9	Z-Wave® Interface Module
CB-8	Touchpanel Connecting Block
CM-232	RS-232 Communication Module
CPB-1	Control Port Connecting Block
ECB-5	IR Connecting Block
ESC-2	Ethernet to Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Relay Control Module
vIRsa Mouse	IR Emitter

## RTI Audio/Video Distribution

AD-4x	4x4 Audio Distribution System
AD-8x	8x8 Audio Distribution System
AD-16x	16x16 Audio Distribution Matrix Switch
CP-450	4 Channel Cool Power® Amplifier
CP-1650	16 Channel Cool Power® Amplifier
VHD-4	4x4 HDBT Video Matix Switch
VHD-8	8x8 HDBT Video Matix Switch
VHT-1	HDBT Video Transmitter
VHR-1	HDBT Video Receiver



It's Under Control®