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.

RTI
It's Under Control®

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 ....One Year (Parts & Labor) / 90 days 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 simulaneously.

LASER SHARK® COMPATIBLE

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RTI User Interfaces

RTiPanel	**Mobile Software Interface (App)**
Virtual Panel	**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**
KX2	**2.8 inch In-Wall Touchpanel Keypad**
KX3	**3.5 inch In-Wall Touchpanel Keypad**
KX7	**7 inch In-Wall Touchpanel**
CX7	**Countertop/Under-Cabinet Touchpanel**

RTI Control Accessories

RP-4	**RF Control Processor**
XP-3	**Advanced Control Processor**
XP-6	**Advanced Control Processor**
XP-8s	**Advanced Control Processor**
RM433	**433MHz RF Antenna**
ZM24	**2.4GHz Zigbee Transceiver**
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 Distribution

AD-4x	**Distributed Audio System**
AD-8x	**Distributed Audio System**
CP-450	**4 Channel Amplifier**
CP-1650	**16 Channel Amplifier**

It's Under Control®

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