



Key Features

- Ergonomic design permits effortless operation.
- Full color TFT LCD to display custom buttons, text, graphics and animations.
- Integrated 802.11 WiFi.
- Integrated high-resolution touchscreen.
- Powerful 32-bit, 400MHz Xscale® processor.
- 32MByte of Flash Memory.
- Tilt switch can automatically turn on the backlight when picked up.
- Extremely bright, backlit display and keys with adjustable brightness.
- Stereo speakers for custom sounds
- Thirteen assignable/programmable keys.
- Transmits IR and RF (or both - on a single button press!).
- Optional RF receiver allows you to transmit through walls, cabinets, etc.
- System includes a Lithium-Ion battery and docking station.
- Completely customizable, programmable and upgradable.
- Extremely wide IR transmitting frequency range.
- Optional VESA mounting module with Power-Over-Ethernet and analog video inputs.
- Integrated battery fuel gauge.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- Field upgradable firmware.
- USB and Ethernet programming.

T4 Universal Controller

The T4 is RTI's flagship wireless controller - a culmination of many years of engineering and design experience. It provides the ideal solution for those who require the very best in wireless touchpanel control. Sleek and sophisticated, the T4 is the perfect compliment to today's flat panel televisions and high-end home theaters. The highly stylized design, user-friendly ergonomics, and intuitive operation all work together to provide the richest possible experience.

The T4 provides a self-contained control system for controlling audio/video components, lights, and other electronic systems in the home. It also displays wireless video (motion JPEG) and web pages - either full screen or in an adjustable window. With a TFT LCD, full VGA resolution, powerful 400MHz 32-bit MCU, 32MB of Flash memory, stereo speakers, and an expandable architecture, the T4 defines the state-of-the-art in touchpanel control.

Description

When it comes to control, the T4 has it all - direct IR control for stand-alone operation, RF output for control processor operation, WiFi for IP control and internet access, and even hard-wired Ethernet and analog video input options. The T4 design maintains the perfect balance between display size and resolution. At 6.4 inches the LCD is small enough to be a truly hand-held device, yet it provides the full VGA resolution necessary for displaying video windows and web pages. The T4 interface is fully programmable using RTI's TheaterTouch Designer™ software, making it easy to display custom buttons, text, graphics, and animations.

In addition to the limitless software customization, the T4 provides amazing hardware flexibility. Using the optional EM-4 Expansion Module*, the T4 can actually be transformed into a hard-wired VESA mountable touchpanel with Power-Over-Ethernet and dual analog video input ports.* Additional RTI accessory devices provide the T4 with power sensing for reliable operation, and RS-232 communications for advanced control.

Call 952-253-3100

www.rticorp.com



It's Under Control®

Specifications

Power.....7.2VDC 4000 mAh Lithium-Polymer Battery Pack
 Power Management.....Automatic On/Off (tilt switch)
 Infrared Control.....Range 30 feet (9.1 meters) @ 60 degrees
 Infrared Frequency Range.....15 KHz - 460 KHz
 Radio Frequency Control Range.....Up to 100 feet (30.5 meters)
 Radio Frequency Carrier.....433 MHz
 Touchscreen Display.....High-brightness color TFT LCD
 Full VGA (640x480 pixels) with 65K colors
 300:1 contrast ratio
 Integrated high-resolution touchscreen
 Display Size 6.4 in (162mm) diagonal
 Backlight..... Dual CCFL, 300nit (Display)
 Blue LED (Keypads)
 Operating Temperature.....+32°F to +122°F (0°C to +50°C)
 Operating Humidity..... 5% to 95% Non-condensing
 Total System Memory..... 32M 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 programming port
 Enclosure..... High-impact molded ABS plastic, silver
 Dimensions (H x W x D).....6.2 in (157mm) x 9.4 in (239mm) x 2.6 in (66mm)
 Weight 2 lbs (0.91 kg)
 Warranty..... One Year (Parts & Labor)
 All specifications subject to change without notice

*EM4 Expansion Module available 1st quarter 2008



Shown with EM-4 Expansion Module*



Accessories

- RP-1 Remote Control Processor
- RP-6 Remote Control Processor
- RM-433 RF Receiver
- CM-232 RS-232 Communication Module
- VPS-1 Voltage Power Sensor
- SPS-1 Video Sync Power Sensor



Other RTI Products

- T1 Universal System Controller
- M2 Universal System Controller
- T2+ Universal System Controller
- T2-C Universal System Controller
- T3 Universal System Controller
- U1 Waterproof Controller
- RK1 In Wall Keypad Controller
- RK2 In Wall Touchscreen Controller
- RK3 In Wall Touchscreen Controller
- K4 In Wall Touchscreen Controller
- IR-PRO Infrared Capture System



TheaterTouch Designer™ Programming Software



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