T2-B

T2-B Universal Controller

The T2-B represents a recharged version of RTI's renowned, award winning T2+ remote control. Most notable is a new contemporary industrial design. The newest T2 maintains the original hybrid configuration of a touchscreen display and hard buttons, while adding many refinements to this amazing device. Battery life has been extended with the new 1200 mAh power source. The new display and backlight make the graphics extremely sharp and vivid. The revised layout of hard buttons improves convenient access to frequently used functions, such as DVR controls. The T2-B also features a new three way rocker switch allowing comfortable navigation of on screen guides and music lists. With its sophisticated new design the T2-B will complement the décor of any environment.

Description

The T2-B remains the ideal solution to control today's media room, embodied with the perfect balance of a customizable touchscreen display and hard buttons for tactile control. When other RTI devices are employed, the T2-B is capable of RF transmission thru walls and cabinets, RS-232 control, contact closures, power sensing and much more. Whether used as a standalone device or integrated into a complete RTI control solution, the T2-B will provide powerful and intuitive control of any electronics system - from simple to sophisticated.

Key Features

- Comfortable ergonomic design permits effortless, one-handed operation.

- Easy-to-read LCD to display custom buttons, text, graphics and scrolling lists.

- Digital matrix touchscreen never needs calibration.

- Tilt switch can automatically turn on the backlight when picked up.

- Extremely bright, backlit display and keypad.

- Three-way rocker switch for scrolling list navigation.

- Intuitive layout of keypad buttons for commonly used functions.

- 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.

- Extremely wide IR transmitting frequency range.

- Optional 'Voltage' and 'Video' sensing modules to monitor power status of equipment when used with certain RTI processors.

- Capable of RS-232 control when used with certain RTI processors.

- Non-volatile Flash memory stores your system configuration even when power is not present.

- Field upgradable firmware.

- USB Programming.

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Specifications

Power	3.6 VDC, 1200 mAh Lithium-Ion Battery Pack
Power Management	Automatic On/Off (tilt switch)
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	433 MHz
Operating Temperature	+32°F to +122°F (0°C to +50°C)
Operating Humidity	5% to 95% Non-condensing
Touch Panel Display	High-contrast STN LCD Digital Matrix
	64w x 128h pixels (Touchscreen never needs calibrating)
Display Size (H x W)	2.4 in x 1.3 in (61mm x 33mm)
Backlights	White LED (Display), Blue/White/Red LED (Keypad)
Nominal Run Time on Full Charge	6 hours minimum, continuous use
	(10 to 15 days on average use)
Standby Time on Full Charge	30 Days
Battery Charge Time	3-4 Hours
Total System Memory	256K 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
Dimensions (L x W x D)	9.75" (248mm) x 2.5" (64mm) x 1.0" (25mm)
Enclosure	High-impact molded ABS plastic
Weight	8.5 oz. (243g) with battery pack
Warranty	One Year (Parts & Labor) / 90 days on the battery

All specifications subject to change without notice

Accessories

RP-1	Remote Control Processor
ZRP-6	Remote Control Processor
MRP-64	Multi-Room Control Processor
XP-8	Advanced Control Processor
RM-433	RF Receiver
RCM-12	Relay Control Module
ECB-5	IR Emitter Connecting Block
CM-232	RS-232 Communication Module
VPS-1	Voltage Power Sensor
SPS-1	Video Sync Power Sensor

Other RTI Products

T1-B	Universal System Controller
M2	Universal System Controller
T2-Cs	Universal System Controller
T2-C	Universal System Controller
T3-V	Universal System Controller
T4	Universal System Controller
U1	Weather Resistant Controller
U2	Weather Resistant Controller
RKM-1	In-Wall Multi-Room Audio Keypad
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

Integration Designer® Programming Software

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