T1-B Universal Controller

The T1-B is the second generation of RTI’s popular T1 universal system controller. Completely customizable and programmable, the T1-B allows all other factory remote controls to be combined into one simple, ergonomic user interface providing powerful one-handed system control. Featuring a sleek new industrial design and perfect assortment of keypad buttons for commonly used functions, the T1-B can operate today’s sophisticated media system, no matter how complex, at an affordable price.

Key Features

- Comfortable ergonomic design permits effortless, one-handed operation.
- Tilt switch can automatically turn on the backlight when picked up.
- Eight source and four general purpose assignable/programmable keypad buttons with interchangeable key labels.
- Forty assignable/programmable keypad buttons.
- 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.

Description

Perfect for any media room, the T1-B can also be completely customized to control virtually any aspect of the home or office. Buttons can be individually programmed to control devices or execute multi-step macros for complex installations involving many components. Source buttons can be custom labeled to match the device being controlled for more intuitive control. The integrated tilt switch, coupled with a Lithium-ion battery and charging dock insure hours of uninterrupted control.

When other RTI devices are employed, the T1-B is capable of RF transmission through 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 T1-B will provide powerful and intuitive control of any electronics system - from simple to sophisticated.
Specifications

Power.......................................................... 3.6 VDC, 850 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)
Radio Frequency Carrier.................................. 433 MHz
Operating Temperature.................................... +32°F to +122°F (0°C to +50°C)
Operating Humidity......................................... 5% to 95% Non-condensing
Nominal Run Time on Full Charge....................... 3 hours minimum, continuous 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
Communications.......................................... USB programming port
Dimensions (L x W x D).................................... 10.0 in (254mm) x 1.9 in (48mm) x .9 in (23mm)
Enclosure.................................................... High-impact molded ABS plastic
Weight.......................................................... 7 oz. (200g) 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

M2 Universal System Controller
T2-B 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 Keypad Controller
IR-PRO Infrared Capture System

Integration Designer® Programming Software

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