The T1-B+ is the third generation of RTI’s popular T1 universal system controller, now featuring the RTI dual RF platform and backlit buttons. 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**

- Dual RF transmission capability uses 433MHz and 2.4GHz (utilizing Zigbee® technology).
- 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 - Laser Shark compatible.
- Supports “Companion Mode” (similar to SURFiR®) for use with the RTIPanel app.
- Forty assignable/programmable keypad buttons.
- Transmits IR and RF (or both -on a single button press!).
- 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.
- 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, 950 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........................... 802.15.4 @ 2.4GHz (Zigbee® Wireless Mesh Networking)
............................................................................................................................ 433MHz
Operating Temperature........................................... +32°F to +122°F (0°C to +50°C)
Operating Humidity.................................................. 5% to 95% Non-condensing
Backlight .......................................................... White LED (Keypad)
Nominal Run Time on Full Charge........................... 3 hours minimum, continuous use
............................................................................. (7 days on average use)
Standby Time on Full Charge................................. 30 Days
Battery Charge Time .............................................. 3-4 Hours
Total System Memory............................................. 128KB 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)................................. 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.......................................................... Three Years (Parts & Labor) / One Year on the battery

All specifications subject to change without notice

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 Matrix Switch
VHD-8 8x8 HDBT Video Matrix Switch
VHT-1 HDBT Video Transmitter
VHR-1 HDBT Video Receiver

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