It's Under Control

PRODUCT CATALOG

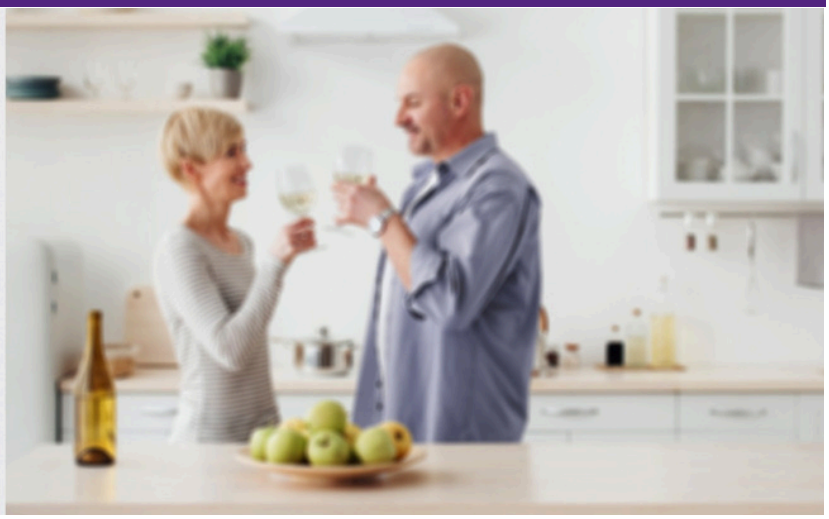
DECEMBER 2026

CONNECTEDMEDIA

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AUTOMATION **SOLUTIONS**





SMART AUTOMATION FOR THE WAY YOU **LIVE** AND **WORK**.

RTI controls virtually anything via API, backed by a vast driver library accessible through Integration Designer's built-in, auto updated Driver Store. From boardrooms to classrooms to living rooms, RTI's solutions enhance every environment, whether a home that anticipates your needs or a conference room that launches a full A/V system with one touch. With support for residential, commercial, and hospitality spaces and a network of certified integrators, RTI delivers flexible, powerful automation on one seamless platform.

INTEGRATOR FRIENDLY

NO LICENSE FEES

NO RECURRING COSTS



Your Next Control System

- Unified control over all AV sources & displays
- Seamless integration with lighting, shading & climate
- Scalable from single rooms to enterprise-wide deployments



Configuration Software

- Comprehensive dealer training programs available
- Powerful software for precise control programming
- Fully customisable deployments for each client



Control Tools

- RTI Processors built for reliable, scalable control
- Remotes & touchpanels for intuitive system control
- Full line of RTI accessories for any installation

Contents

Control Processors 4

Remote Controls 12

Touchpanels & Keypads 18

Audio Distribution 26

Accessories 34

INTELLIGENT CONTROL
PROCESSORS

integration DESIGNER



ICP-2

Intelligent Control Processor

NEW



integration DESIGNER 12

Intelligent Control in a compact package, the ICP-2 brings powerful next-generation performance to installations with minimal space. Capable, flexible, fast, and versatile, the ICP-2 handles sophisticated control for single rooms and small commercial environments. Built-in Wi-Fi and a two-port Ethernet switch make the ICP-2 easy to place and simple to wire.

KEY FEATURES

POWERFUL NEXT-GEN CONTROL:
An all-new Linux platform runs the latest complex drivers with up to 20x faster performance than the previous XP series.

TWO-PORT ETHERNET SWITCH:
A single cable handles power, control, and up to 1Gb of data to downstream devices, making installation simple

INTEGRATED WI-FI CONTROL:
Onboard Wi-Fi places the ICP-2 in hard-to-reach spots where running network cable is difficult

COMPACT DESIGN:
Small enough to fit behind a TV, beside AV equipment, or in any location needed

NEW DRIVER ENGINE AND EASY CONFIGURATION:
A new driver engine expands third-party device control. Legacy ID11 files convert easily to Integration Designer 12

SPECIFICATIONS

Processor IC	NXP i.MX8MM
Cores	Quad
RAM	3GB
Flash Memory	16GB
CPU Clock Rate	1.8GHz
IR Ports	3
RS232 Ports	1
12VDC Trigger	–
Contact Trigger	–
Sense	2
IR Inputs	–
RS485 Ports	–
Ethernet	2x 10/100/1000 Ports operate as a switch or separate NICs
Wi-Fi	2.4 / 5 GHz
Mounting	Wall Plate Included
Dimensions	195 x 104 x 30 mm
Weight	298g

ICP-4

Intelligent Control Processor



integration DESIGNER 12

Intelligent Control with room to grow, the ICP-4 delivers powerful next-generation performance for medium projects with multiple rooms or full offices. Capable, adaptable, fast, and versatile, it runs complex drivers and expands into a larger ICP system when needed. An additional benefit is its dual Ethernet ports, usable as one switch or separate networks for added security.

KEY FEATURES

POWERFUL NEXT-GEN CONTROL:
An all-new Linux platform runs the latest complex drivers with up to 20x faster performance than the previous XP series

DUAL ETHERNET PORTS:
Use them as a single switch for one-cable power, control, and data, or as two separate NICs for isolated networks

VERSATILE MOUNTING:
A compact metal enclosure mounts in a rack, beside AV equipment, or in hard-to-reach areas

MULTIPLE I/O:
IR, relay, sense, RS-232, and RS-485 connect almost any AVPro or third-party device

NEW DRIVER ENGINE AND EASY CONFIGURATION:
A new driver engine expands third-party control. Legacy ID11 files convert easily to Integration Designer 12

SPECIFICATIONS

Processor IC	NXP i.MX8MM
Cores	Quad
RAM	3GB
Flash Memory	16GB
CPU Clock Rate	1.8GHz
IR Ports	6
RS232 Ports	3
12VDC Trigger	3
Relays	3
Sense	3
IR Inputs	1
RS485 Ports	1
Ethernet	2x 10/100/1000 Ports operate as a switch or separate NICs
Wi-Fi	No
Mounting	Standalone or rack mount (brackets & screws included)
Dimensions	215 x 152 x 44 mm
Weight	890g

ICP-10

Intelligent Control Processor

NEW



integration DESIGNER 12

Intelligent Control at its most capable, the ICP-10 is the top-of-the-line processor for the most challenging large-scale installations. Powerful, scalable, fast, and versatile, it runs complex drivers to comfortably control whole homes, commercial facilities, sports bars, and offices. An additional benefit is its expandability, growing through additional ICP units and a full range of accessories as projects demand.

KEY FEATURES

POWERFUL NEXT-GEN CONTROL:
An all-new Linux platform runs the latest complex drivers with up to 20x faster performance than the previous XP series

DUAL ETHERNET PORTS:
Use them as a single switch for one-cable power, control, and data, or as two separate NICs for isolated networks

VERSATILE MOUNTING:
A solid rack-mount metal enclosure keeps the convenience of PoE for easy power and clean installation

MULTIPLE I/O:
IR, relay, sense, RS-232, and RS-485 connect almost any AVPro or third-party device

ENDLESSLY EXPANDABLE:
Scale to the largest projects through additional ICP units and a full range of expansion accessories

SPECIFICATIONS

Processor IC	NXP i.MX8MM
Cores	Quad
RAM	3GB
Flash Memory	16GB
CPU Clock Rate	1.8GHz
IR Ports	8
RS232 Ports	8
12VDC Trigger	8
Contact Trigger	8
Relays	8
Sense	8
IR Inputs	1
RS485 Ports	2
Ethernet	2x 10/100/1000 Ports operate as a switch or separate NICs
Wi-Fi	No
Mounting	Rack mount
Dimensions	432 x 300 x 44 mm
Weight	2.6 kg

RP-4

Control Processor



integration DESIGNER 11

The perfect solution for low-cost, reliable control over A/V and other electronic systems in single-room installations such as home theatres, media centres, and bedrooms. Components can be hidden away for a clean, professional look.

The processor stores all system commands and macros for rock-solid reliability, providing a powerful alternative to IR repeater systems which can suffer from inconsistent performance.

KEY FEATURES

- Stores all system commands and macros for reliable control.
- Integrated 433MHz RF antenna.
- Supports RTiPanel App for one-way control via smart phones and tablets.
- Four infrared ports with routing and output adjustment.
- Infrared ports compatible with industry standard IR emitters and IR expansion devices.
- Two power sensing inputs for monitoring equipment status.
- Two programmable relays provide contact closure for TV lifts, shades, projection screens
- RF signal and Ethernet activity LEDs.
- Simple, efficient programming using Integration Designer® software.
- Install free-standing or wall mount using included mounting bracket.
- Non-volatile Flash memory stores your system configuration, even when power is not present.
- USB and Ethernet programming.

SPECIFICATIONS

Power Supply	+12VDC, 1A
RF Receiver	433 MHz
IR Transmission	15kHz – 460kHz
IR Outputs	4x 3.5mm jacks
IR Drive	100mA max per port (adjustable)
Ethernet Ports	1x 10/100 Base-T
Relays	2x +30V DC, 5A max
Sense Inputs	2x 3-24V DC
Mounting	Wallmount or freestanding
Dimensions	175 x 76 x 25 mm (excl antenna and connectors)
Weight	190g

XP-3

Control Processor



integration DESIGNER 11

A powerful remote control processor designed to automate and enhance the operation of electronics in smaller scale residential and commercial installations. Offering remarkable value with an impressive feature set – including support for Zigbee wireless transmission bi-directional communications with compatible RTI remote controls. The XP-3 delivers rock-solid control and automation of sophisticated electronic environments.

KEY FEATURES

- Built-in 2.4GHz Transceiver Module
- Powerful 32bit 533MHz CPU.
- 128MB of non-volatile Flash memory.
- Two variable infrared output ports compatible with industry standard IR emitters, blasters, and repeater systems.
- One Multi-purpose I/O port compatible with standard IR emitters, IR repeating systems, and RTI modules (RS-232 and sensing).
- Two programmable relay outputs.
- Two voltage sense inputs for monitoring power status of controlled devices.
- Built-in astronomical clock for time-based events and sleep timers.
- Stores all system commands and macros for reliable control.
- Compatible with all Zigbee enabled RTI wireless remote controls and Ethernet enabled RTI In-wall controllers.
- IR output ports incorporate both short-circuit and overload protection.
- Variable IR output on all ports.
- Fast USB 2.0 and Ethernet programming.

SPECIFICATIONS

Power Supply	+12VDC, 1A
Wireless Networking	IEEE 802.15.4 Zigbee
Multi-Purpose Output Port	1x 3.5mm 4-conductor jack
IR Outputs	2x 3.5mm jacks
IR Drive	100mA max per port (adjustable)
Ethernet Ports	1x 10/100 Base-T
Relays	2
Sense Inputs	2x 3-24V DC
Mounting	Wallmount or freestanding
Dimensions	177 x 76 x 25 mm

XP-6s

Control Processor



integration DESIGNER 11

The perfect centrepiece of any professionally installed control system. Serving as the system communication backbone in a commercial or residential installation, the processor utilises a massive database of drivers to facilitate integration of third-party devices into one cohesive system. Advanced control options include IP, RS-232, infrared, relays and sensing. Designed to meet the evolving needs of any project, the XP-6s allows for easy expansion using multiple processors and a complete line of accessory devices.

KEY FEATURES

- Powerful 32bit, 1GHz CPU.
- 512MB of non-volatile Flash and 512MB of internal RAM memory.
- Compatible with all RTI wired, wireless (requires RTI RF antennas / Zigbee® transceivers), and app-based user interfaces.
- Six multi-purpose I/O ports are compatible with industry standard IR emitters, blasters, and repeater systems.
- Multi-purpose I/O ports also support optional RTI power sensing and communications modules.
- Three programmable 12VDC trigger outputs.
- Three assignable voltage sense inputs.
- Three programmable relay outputs.
- Three RS-232 ports for bi-directional communication.
- Built-in astronomical clock for time-based events and sleep timers.
- Input for connection of multiple RM-433 RF receiver modules.
- Variable IR output on all IR ports.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- Fast USB 2.0 and Ethernet programming.
- Field upgradable firmware.

SPECIFICATIONS

Power Supply	+12VDC, 1A
RTI ComPort	Zigbee, RJ45 connection
IR Outputs	6x 3.5mm jacks
IR Drive	100mA max per port (adjustable) 200mA max (high output port)
Ethernet Ports	1x 10/100 Base-T
Trigger Outputs	3x 12VDC, 100mA max each
Relays	3x 3A @ 30VDC
Sense Inputs	3x 3–24VDC
RS-232 Ports	3x Bidirectional RJ45
Mounting	Wallmount or freestanding
Dimensions	216 x 44 x 152 mm
Weight	907g

XP-8v

Control Processor



integration DESIGNER 11

A high-end remote control processor for automating A/V, lighting, security and HVAC in homes and office buildings. The XP-8v kicks control into high-gear with even more processing power, additional memory and an HDMI output for an OSD (on-screen-display) interface. Increased performance combined with a real time/multitasking operating system, tremendous expandability and compatibility with any RTI controller or app, make the XP-8v the perfect solution for large-scale and complex projects.

KEY FEATURES

- Powerful 1GHz i.MX CPU.
- 512MB of non-volatile Flash memory.
- HDMI output for OSD provides bidirectional control interface on a TV.
- Eight two-way RS-232 ports.
- Eight relays can be programmed as a contact closure or voltage trigger.
- Eight multi-purpose I/O ports are compatible with industry standard IR emitters and optional RTI power sensing and communications modules.
- Eight sense inputs can trigger events based on contact closure or voltage.
- Astronomical clock allows time-based events.
- SD/MM Card Slot for Memory Expansion.
- Front panel controls/display (11 Buttons for front panel control).
- All output ports incorporate both short-circuit and overload protection.
- Variable IR output on all ports.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- USB and Ethernet programming.
- Input for connection of both 433MHz and 2.4GHz Zigbee® RF modules.

SPECIFICATIONS

Power Supply	+12VDC, 1A
Multi-Purpose Output Ports	8x 3.5mm 4-conductor jacks
RTI ComPort	2-Way Zigbee, RJ45 connection
IR Drive	100mA max per port (adjustable) 200mA max (high output port)
Ethernet Ports	1x 10/100 Base-T
Video Output for OSD	720p / 1080p HDMI
Memory Expansion	SD / MM card slot
Relays	8x 3A @ 30VDC
Sense Inputs	8x Digital / Closure
RS-232 Ports	8x RJ45
Mounting	Rack mount or freestanding
Dimensions	432 x 43 x 162 mm
Weight	1.8kg

INTELLIGENT SURFACES™

REMOTES



ISR-2

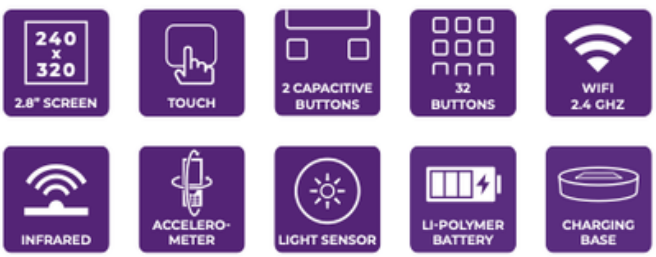
Intelligent Surface Remote Control



Featuring an edge-to-edge capacitive touchscreen set within a premium aluminium frame, the ISR-2 blends art and engineering to deliver the ultimate media control experience.
The vibrant 2.8” touchscreen display pairs with a numeric keypad and soft-touch buttons, a thoughtful balance ensuring seamless control for any media system.
The intuitive 5-way thumbpad, full transport controls, and carefully selected soft-touch buttons offer real-time haptic feedback, making every command precise and responsive.

KEY FEATURES

- 2.8” High-Brightness Touchscreen Display: Vivid, crystal-clear interface with easy swipe control, perfect for controlling all forms of media and entertainment systems.
- Aluminium and Glass Design: Stylish edge-to-edge glass fitted inside an aluminium faceplate. A perfect blend of art and engineering.
- Backlit Soft Touch Buttons: Includes a 5-way thumbpad, full transport control, and haptic feedback for smooth operation.
- Full Numeric Keypad: Ideal for fast navigation of media stations.
- Instant On and Wake: Features instant-on Wi-Fi technology for fast, reliable connections, and an accelerometer that wakes the remote upon movement.
- Ambient Light Sensor: Automatically adjusts display brightness for the best visual experience in any lighting.



SPECIFICATIONS

Battery	3.85VDC 1800mAh Li-ion
Display	2.8" capacitive touchscreen 240 x 320 resolution High-brightness IPS-TFT LCD 262K colours
IR Control	9m range @ 60°
Connectivity	Wi-Fi 802.11 b/g/n @ 2.4GHz
Haptic Feedback	Real-time feedback
Buttons	32 soft touch and 2 capacitive
Materials	Aluminium with inset glass face; ABS plastic body
Charging Base	ISR-SB included ISR-AB optional (sold separately)
Dimensions	212 x 61 x 20 mm
Weight	409g with battery

ISR-4

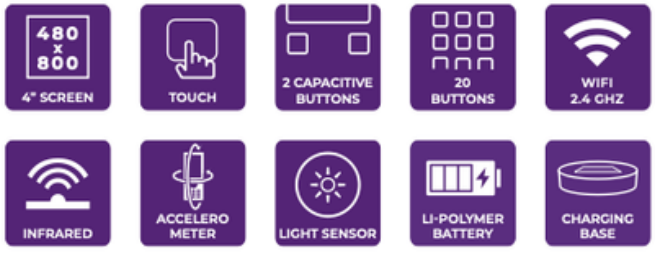
Intelligent Surface Remote Control



The ISR-4's brilliant 4" display delivers a smartphone-like user experience, with easy swipe and ample space for viewing cover art, camera feeds, lighting controls, and more. Fully customisable soft keys sit below the display, ideal for selecting scenes from 'good morning' to 'good night,' while the soft-touch backlit buttons deliver effortless control of your audio and video systems. The intuitive 5-way thumbpad, full transport controls, and real-time haptic feedback ensure every interaction is smooth and responsive, ideal for today's streaming world.

KEY FEATURES

- 4" High-Brightness Touchscreen Display: Vivid, crystal-clear interface with easy swipe control, perfect for controlling all forms of media and entertainment systems.
- Aluminium and Glass Design: Stylish edge-to-edge glass fitted inside an aluminium faceplate. A perfect blend of art and engineering.
- Backlit Soft Touch Buttons: Includes a 5-way thumbpad, full transport control, and haptic feedback for smooth operation.
- Instant On and Wake: Features instant-on Wi-Fi technology for fast, reliable connections, and an accelerometer that wakes the remote upon movement.
- Ambient Light Sensor: Automatically adjusts display brightness for the best visual experience in any lighting.



SPECIFICATIONS

Battery	3.85VDC 1800mAh Li-ion
Display	4" capacitive touchscreen 480 x 800 resolution High-brightness IPS-TFT LCD 16.7M colours
IR Control	9m range @ 60°
Connectivity	Wi-Fi 802.11 b/g/n @ 2.4GHz
Haptic Feedback	Real-time feedback
Buttons	20 soft touch and 2 capacitive
Materials	Aluminium with inset glass face; ABS plastic body
Charging Base	ISR-SB included ISR-AB optional (sold separately)
Dimensions	206 x 65 x 20 mm
Weight	394g with battery

ISR-AB

Access Point Base for ISR Remotes



What if your remote's base did more than just charge? The ISR-AB offers programmable control buttons and a "Find My Remote" button, adding unmatched convenience and elevating the control experience. The ISR-AB Advanced Base is the perfect companion to your Intelligent Surface remote, providing an instant and dedicated Wi-Fi access point for seamless and uninterrupted control.
Equipped with three programmable soft keys, it's ideal for easy control of custom scenes or frequently used room functions—without even lifting the remote off the base.

KEY FEATURES

- Instant-Connect Wi-Fi Access. The ISR-AB creates a 2.4GHz Wi-Fi access point ensuring a fast, robust connection for the ISR remotes.
- Three programmable soft keys enable easy control for scenes and common events.
- Tap the Find-my-Remote button and the ISR Remote beeps an alert.
- Easy Charging ensures your Intelligent Surfaces Remote is always fully charged.
- Elegant modern design.
- Adjustable Light Ring shows the charging status.
- Personalise both the colour and the brightness.

SPECIFICATIONS

Power Supply	+5VDC, 2A
Ethernet	10/100/1000 BaseT, RJ45
PoE	802.3af
WiFi Frequency	2.4GHz
WiFi Modes	802.11 b/g/n
Operating Modes	Hardwired ethernet / WiFi bridge
Security	WPA / WPA2 password
Buttons	4x Capacitive touch
Ring LED	Programmable, many colours
Battery Charge Time	3–4 hours for ISR-2 / ISR-4



T1-B+

Universal System Controller



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 (utilising Zigbee technology).
- Comfortable ergonomic design permits effortless, one-handed operation.
- Eight source and four general purpose assignable/programmable keypad buttons with interchangeable key labels - Laser Shark compatible.
- 40 assignable/programmable backlit keypad buttons.
- Capable of transmitting IR and RF from a single button press.
- Completely customisable and programmable.
- Optional modules/processors for voltage sensing (to monitor power status of equipment) and RS-232 control.
- System includes a Lithium-Ion Battery and a docking station.
- USB Programming.

SPECIFICATIONS

Battery	3.6VDC 950mAh Li-ion
IR Control	9m Range @ 60°
RF Carrier	802.15.4@ 2.4GHz (Zigbee) and 433 MHz
Backlight	White LED (keypad)
Device Capability	Limited only by memory (128kb)
Macro Capability	Every button
Enclosure	Moulded ABS plastic
Dimensions	254 x 48 x 23 mm
Weight	200g with battery
Battery Charge Time	3–4 hours

U3

Weather Resistant System Controller



The perfect companion for hot tubs, pools, bathrooms, and decks, delivering reliable wireless control of electronic systems in environments that are too harsh for standard remotes. The durable remote floats if dropped in the water for easy retrieval. It uses inductive charging and wireless programming updates, allowing it to be completely sealed for exceptional weather protection. The U3 combines the convenience and low power requirements of an electronic paper display with fully programmable soft-touch buttons for quick access to commonly used functions.

KEY FEATURES

- Durable and weather resistant
- Ergonomic design permits effortless, one-handed operation
- Completely sealed and floats
- Dust tight and water repellent (IP66 rated)
- Dual RF capability uses 433MHz or 2.4GHz (utilising Zigbee® technology)
- 16 programmable keypad buttons
- Electronic paper display is easy to read in bright light
- Wireless programming
- Inductive wireless charging
- Rechargeable Lithium-Ion battery
- Includes charging dock and cradle
- Includes wall mount holsters
- Three different screen text size selections

SPECIFICATIONS

Battery	3.6VDC 900mAh Li-ion
RF Carrier	802.15.4@ 2.4GHz (Zigbee) and 433 MHz
Display	1.9" Electronic Paper Display
Device Capability	Limited only by memory (256kb)
Macro Capability	Available on 16 buttons
Enclosure	Moulded ABS plastic
IP Rating	IP66: Dust tight & water resistant
Dimensions	201 x 58 x 28 mm
Weight	193g with battery
Battery Charge Time	3–4 hours

Important Note: The U3 requires the RTI ZB-PRO Zigbee Programming Tool to download system file and firmware updates.

INTELLIGENT SURFACES™

TOUCHPANELS



IST-5

In-Wall Touchpanel



IST-5-W
(White Bezel)



IST-5-B
(Black Bezel)

Elevate system control in all commercial and residential settings. With a hi-resolution 5” capacitive-touch screen and ultra-thin bezel, the IST-5 makes an elegant statement in landscape or portrait mount.

Built-in 10/100 Base-T Ethernet with PoE enables seamless two-way system control, video, and remote programming.

With speakers, mic, and echo cancellation, this makes a great intercom or interface for video doorbells.

KEY FEATURES

- Ultra-thin bezel and sleek modern design.
- Near flush-mount (just 11mm off wall).
- High resolution, 24-bit colour display
- Check the weather forecast, view video from network security cameras, or perform remote programming updates through a standard 10/100 BaseT network connection.
- Power over Ethernet (PoE) and 2.4/5GHz WiFi
- Microphone Array: great clarity, whether near or far, with a mute button when needed.
- Speakers: clear stereo sound from two speakers to elevate communications.
- Ambient Light Sensor.
- Proximity Sensor.
- Portrait or landscape with auto-rotate.
- Black or White finish.

SPECIFICATIONS

Power Supply (not included)	PoE (802.3af) *or* +12VDC 2A
Touchscreen display	5“ High-brightness 24-bit colour IPS LCD (854 x 480p) 16:10
Ethernet Port	RJ45 10/100 BaseT with PoE
Microphone	Mic array with mute button and echo cancellation
Speakers	2x 8ohm 1W
Network Connectivity	Hardwired ethernet or 2.4 / 5 GHz WiFi (802.11a/b/g/n/ac)
System Memory	4GB RAM; 64GB ROM
Installation	US standard single gang
Outer Bezel Dimensions	133 x 85 x 11 mm
Wall Cutout Dimensions	55 x 92 mm
Depth in wall	34 mm
Weight	200g



IST-10

In-Wall Touchpanel



Elevate system control in all commercial and residential settings. With a hi-resolution 10” capacitive-touch screen and ultra-thin bezel, the IST-10 makes an elegant statement in landscape or portrait mount. Optional stand kit available for tabletop convenience.

Built-in 10/100 Base-T Ethernet with PoE enables seamless two-way system control, video, and remote programming.

With speakers, mic, and echo cancellation, this makes a great intercom or interface for video doorbells.

KEY FEATURES

- Ultra-thin bezel and sleek modern design.
- In-Wall or tabletop (with optional stand kit).
- High resolution, 24-bit colour display
- Check the weather forecast, view video from network security cameras, or perform remote programming updates through a standard 10/100 BaseT network connection.
- Power over Ethernet (PoE) and 2.4/5GHz WiFi
- Microphone Array: great clarity, whether near or far, with a mute button when needed.
- Speakers: clear stereo sound from two speakers to elevate communications.
- Hi-res camera with physical privacy shutter.
- Ambient Light Sensor.
- Proximity Sensor.
- Portrait or landscape with auto-rotate.
- Black or White finish.



SPECIFICATIONS

Power Supply (not included)	PoE (802.3af) *or* +12VDC 2A
Touchscreen display	10“ High-brightness 24-bit colour IPS LCD (1920 x 1200p) 16:10
Ethernet Port	RJ45 10/100 BaseT with PoE
Microphone	Mic array with mute button and echo cancellation
Speakers	2x 8ohm 1W
Network Connectivity	Hardwired ethernet or 2.4 / 5 GHz WiFi (802.11a/b/g/n/ac)
Camera	2MP 15-30fps at 1920 x 1080p
Installation	US standard single / dual gang
Outer Bezel Dimensions	239 x 159 x 11 mm
Wall Cutout Dimensions	55 x 92 mm
Depth in wall	34 mm
Weight	400g

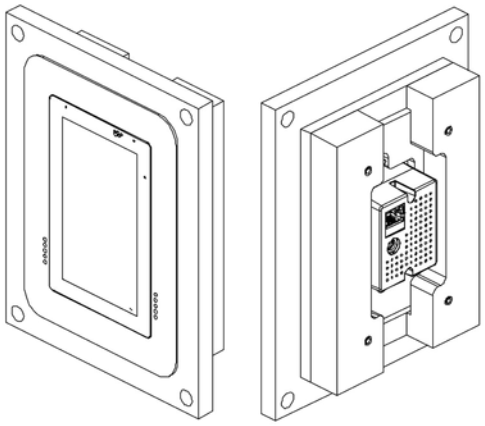


IST Stand Kit (Table Stand)
(sold separately)

Flush Mount Kits

For Intelligent Surface Touchpanels

IST-5-FMK



Included in the box:

- IST-5-FMK Flush Mount Kit,
- M4x12 Flat screws (4),
- M4 nuts (4),
- Touchpanel adapter

Flush Mount Kit for the IST-5

IST-5-FMK is an adapter for in-wall flush installation of the RTI IST-5 Touchpanel. This kit firmly mounts the touchpanel while allowing easy access, insertion and operation.

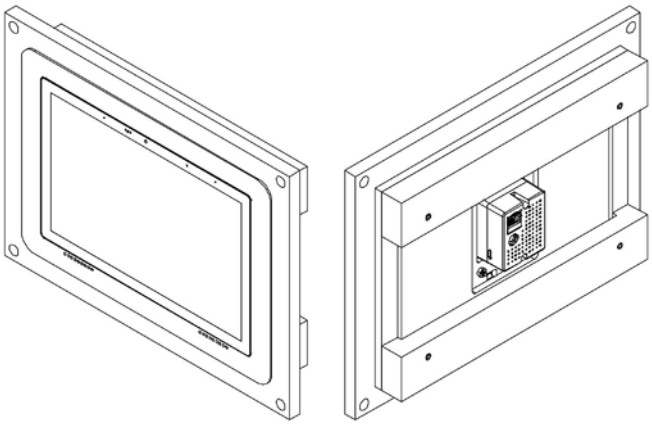
Key Features

- Flush with the wall.
- Paintable with the wall paint in any colour and texture.
- Includes depth calibration mechanism.
- Allows easy insertion and removal of the touch screen.
- The adapter is supplied unpainted (To be painted after installation as part of the wall).
- Designed to be installed in ½" drywall.

Specifications

Material	Moisture-resistant MDF
Installation	Designed for 1/2" drywall
Dimensions	160 x 211 x 44 mm
Weight	600g

IST-10-FMK



Included in the box:

- IST-10-FMK Flush Mount Kit,
- M4x12 Flat screws (4),
- M4 nuts (4),
- Touchpanel adapter

Flush Mount Kit for the IST-10

IST-10-FMK is an adapter for in-wall flush installation of the RTI IST-10 Touchpanel. This kit firmly mounts the touchpanel while allowing easy access, insertion and operation.

Key Features

- Flush with the wall.
- Paintable with the wall paint in any colour and texture.
- Includes depth calibration mechanism.
- Allows easy insertion and removal of the touch screen.
- The adapter is supplied unpainted (To be painted after installation as part of the wall).
- Designed to be installed in ½" drywall.

Specifications

Material	Moisture-resistant MDF
Installation	Designed for 1/2" drywall
Dimensions	325 x 240 x 44 mm
Weight	700g

RKM-1+

In-Wall Keypad



The RKM-1+ is a simple, intuitive keypad designed for multi-room audio control. Eight fully-programmable hard buttons and an open architecture provide the flexibility to control almost any multi-zone receiver or distributed audio system.

The RKM-1+ incorporates a customisable LED backlit film which provides two-way feedback of power status, selected source, and volume level when used along with RTI XP processors and supported distributed audio systems. Sized for a single gang electrical box, the RKM-1+ is perfect for flush-mounting in walls or cabinets.

KEY FEATURES

- Provides feedback from multi-zone receivers via RTI XP control processors.
- Use any standard Decora type wallplate*.
- Eight selectable sources.
- Backlit volume level indicator.
- Open architecture allows control of virtually any audio/video component.
- Non-volatile Flash memory stores your system configuration even when power is lost.
- IR output port drives up to 300m of wire for standalone control.
- Fits in single gang electrical box.

SPECIFICATIONS

Power	+9VDC to +16VDC, 350mA max
Backlights	Blue LED – 8 sources and 9 volume indicators
Infrared Output Port	200mA output
Enclosure	Formed steel, black powder coat
Mounting	Single gang box
Wallplate	Decora style (not included)
Dimensions	104 x 46 x 25 mm
Installation Cutout	71 x 46 mm
Depth In Wall	19mm plus cables
Weight	113g

Important Note: This keypad suits Decora style wallplates, which are not included (sold separately).

KP-2 / KP-4 / KP-8

In-Wall Keypad



KP-2 / KP-4 / KP-8 with Decora® style wall plate (not included)



KP-2 / KP-4 / KP-8 with black or white faceplate and keycaps (included)

KP keypads offer fast and convenient control of music, lights, shades, and other devices or systems. Available with two, four, or eight fully programmable buttons, KP keypads provide intuitive two-way feedback via configurable backlight colours for each button.

KP keypads ship with two sets of keypad faceplates and matching keycaps — one white and one black. Designed to mount in a single gang box, these keypads can be powered over ethernet (PoE) and Laser Shark custom engraving is also available.

KEY FEATURES

- 2, 4 or 8 assignable/programmable buttons.
- Laser Shark engraving available for custom text and graphics.
- Control communication and power over Ethernet (PoE).
- Ships with white and black sets of keycaps and faceplates.
- Backlight colour is programmable on each button (16 colours available).
- Completely customisable and programmable.
- Fits in a single gang electrical outlet box.
- Network or USB Programming.
- Ambient light sensor adjusts the backlight brightness automatically.
- Use any standard Decora® type wallplate (not included).

SPECIFICATIONS

Power	PoE IEEE802.3af
Backlights	RGB LED – 16 programmable colours
Control Port	10/100 BaseT with PoE
System Memory	512KB Non-volatile Flash
Macro Capability	Every Button
Communications	USB-C programming port
Enclosure	Formed steel, black powder coat
Mounting	US single gang box
Dimensions	104 x 46 x 43 mm
Installation Cutout	71 x 46 mm
Depth In Wall	34mm plus cables
Weight	113g



Important Note: These keypads suit Decora style wallplates, which are not included (sold separately).

KX2

In-Wall Keypad



The KX2 in-wall controller has a clean, sleek design with twelve programmable hard buttons and a 2.8" colour touchscreen. The hard buttons and graphic interface are fully programmable using RTI's Integration Designer® software for full control of electronics throughout the building.
A built-in infrared output port allows direct control or get two-way control when used with an RTI XP series control processor. In addition, the unit's integrated 10/100Base-T Ethernet port with Power-over-Ethernet (PoE) provides the flexibility to accommodate any installation.

KEY FEATURES

- Fully programmable 2.8" touchscreen display and twelve hard buttons.
- QVGA resolution (240w x 320h) TFT LCD to display custom buttons, text and graphics.
- Integrated 10/100Base-T Ethernet port with Power-over-Ethernet.
- Proximity sensor automatically wakes the unit up when approached by the user and an ambient light sensor adjusts the brightness.
- Integrated mounting wings for easy installation in retrofit installs.
- USB and Ethernet programming.

SPECIFICATIONS

Power	+9 to +16VDC, 1A max
Touchscreen display	Colour TFT LCD 240 x 320p with 65K colours
Infrared Output	200mA through control port
Ethernet Port	10/100 BaseT with PoE
Macro Capability	Every Button
Communications	USB programming port
Enclosure	Moulded ABS plastic
Mounting	Integrated mounting wings, or screws through front bezel
Dimensions	112 x 117 mm
Installation Cutout	94 x 94 mm
Depth In Wall	31mm plus cables
Weight	212g

KX4

In-Wall Keypad



Ideal for single room commercial applications such as meeting rooms, classrooms, and lecture halls, the KX4 combines an in-wall touchpanel and hard button input with a built-in control processor. The result is an enhanced automation solution that combines control simplicity with power in a single cost-effective unit. For front panel control, the KX4 boasts a 4” high-resolution capacitive touch display with five configurable hard-buttons that can be customised with RTI’s Laser Shark engraving.

KEY FEATURES

- Vivid 4” WVGA (480x800) colour capacitive touchscreen, and five hard buttons.
- Built-in control processor features advanced capabilities including support for two-way drivers, RTiPanel App and expansion.
- Control processor also enables direct control of devices via IR, IP and two RS-232, six voltage sense ports with sense-event capabilities, four relays for control via contact closure and an astronomical clock for time-based events.
- Built-in 2.4GHz Zigbee RF transceiver module and antenna.
- Integrated 10/100 Base-T Ethernet (with PoE) for access to network security cameras, programming updates and more.
- Proximity sensor and ambient light sensor.
- Stylish low-profile faceplate available in white or black (ships with white).

SPECIFICATIONS

Power	+12 to +16VDC, 1A max
Touchscreen display	Colour TFT LCD 480 x 800p with 16.7M colours
Infrared Output	200mA through control port
Ethernet Port	10/100 BaseT with PoE
Serial Ports	2x RJ45, RS232 Communication
Relays	4x 2A @ 30VDC
Sense Inputs	6x 2–24VDC
RF Carrier	Zigbee: 802.15.4 @ 2.4GHz
Microphone	Silicon MEMS
Speaker	1x 2W 8ohm
Outer Bezel Dimensions	111 x 150 mm
Installation Cutout	75 x 132 mm
Depth In Wall	32 mm plus cables, or 41 mm with mounting wings
Weight	252g

AUDIO DISTRIBUTION



AD-46-100

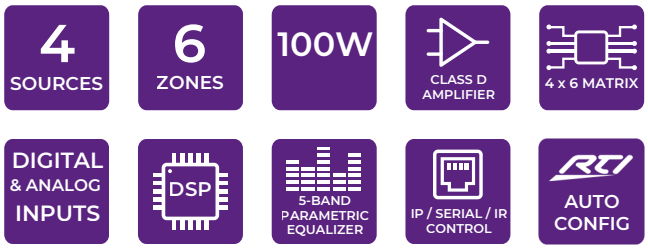
DSP Matrix Amplifier



The AD-46-100 is a 4x6 DSP Matrix Amplifier for distribution of four audio sources to six zones, with four zones amplified at 100 Watts. Two zones feature preamp outputs to integrate external power amplifiers or subwoofers. The AD-46-100 enables seamless routing of both digital and analog sources to any desired zone and features a comprehensive set of DSP controls. Amplification is with an efficient Class D Cool Power® design that optimises performance while minimising heat generation.

KEY FEATURES

- 4 analog audio source inputs.
- 2 digital inputs (mirror analog inputs).
- 6 stereo audio output zones with 4 amplified stereo and 2 preamp stereo outputs.
- Class D amplifier provides a robust and clear audio experience with 100 Watts @ 4Ω per channel per zone.
- Distribute four audio source inputs to six zones, expandable to 48 zones.
- Fine-tune DSP characteristics for each zone with the 5-band parametric EQ, mixing and auto-ducking features.
- RS-232, IP and IR control.
- Rack mount or free-standing installation.



SPECIFICATIONS

Analog sources	4 stereo RCA
Digital sources	2 coax / optical (mirror analog 1 & 2)
Loop out	4 analog & 2 digital
Amplified zones	4 stereo (8 channels)
Preamp zones	2 stereo or 4 mono
Power output (all channels driven)	50W/ch @ 8ohms 100W/ch @ 4ohms 200W/ch @ 8ohms bridged
THD+N	<0.01%, 1kHz @ ⅛ power <0.05% 20Hz–20kHz @ ⅛ power
SNR	>95 dBA @ rated power
Control	Web GUI, RS-232, IR
Mounting	Freestanding or rack-mount (rack ears and feet included)
Dimensions	437 x 417 x 89 mm (2U rack height)
Weight	10.38 kg

AD-810-100

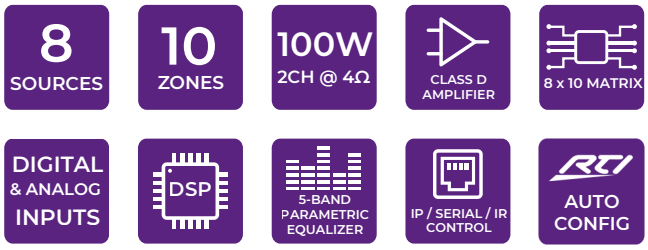
DSP Matrix Amplifier



The AD-810-100 is an 8x10 DSP Matrix Amplifier for distribution of eight stereo audio sources to ten zones, with eight zones amplified. Two zones feature preamp outputs to integrate external power amplifiers or subwoofers. The AD-810-100 enables seamless routing of both digital and analog sources to any desired zone and features a comprehensive set of DSP controls. Amplification is with an efficient Class D Cool Power® design that optimises performance while minimising heat generation.

KEY FEATURES

- 8 analog audio source inputs.
- 4 mirrored digital inputs.
- 10 stereo audio output zones with 8 amplified stereo and 2 preamp stereo outputs.
- Class D amplifier provides a robust and clear audio experience with 100 watts @ 4Ω per channel (2 channels driven).
- Distribute eight audio source inputs to ten zones, expandable to 80 zones.
- Fine-tune DSP characteristics for each zone with the 5-band parametric EQ, mixing and auto-ducking features.
- RS-232, IP and IR control.
- Rack mount or free-standing installation.



SPECIFICATIONS

Analog sources	8 stereo RCA
Digital sources	4 coax / optical (mirror analog 1 – 4)
Loop out	8 analog & 2 digital
Amplified zones	8 stereo (16 channels)
Preamp zones	2 stereo or 4 mono
Power output (all channels driven)	50W/ch @ 8ohms 75W/ch @ 4ohms 150W/ch @ 8ohms bridged
THD+N	<0.01%, 1kHz @ ⅛ power <0.05% 20Hz–20kHz @ ⅛ power
SNR	>95 dBA @ rated power
Control	Web GUI, RS-232, IR
Mounting	Freestanding or rack-mount (rack ears and feet included)
Dimensions	437 x 417 x 89 mm (2U rack height)
Weight	10.78 kg

AMP-2-125

DSP Matrix Amplifier



The AMP-2-125 power amplifier delivers configurable and reliable high-performance audio power amplification for commercial and hospitality applications. Featuring a compact 1U half-rack design, this DSP-enabled Class-D amplifier supports low-impedance 4Ω to 16Ω loudspeakers and high-impedance 70V/100V transformer-coupled loudspeakers.

The web GUI offers effortless browser-based configuration of multi-zone setup, input mixing, ducking, EQ, speaker presets, delay, and wall controller configuration.

KEY FEATURES

- 4 analog audio inputs (balanced or unbalanced) and one digital input.
- Outputs configurable as 2 Lo-Z or 1 Hi-Z
- Class D amplifier provides a robust and clear audio experience with 125 Watts @ 4Ω/8Ω per channel or 250 Watts @ 70V/100V per channel.
- Daisy-chain multiple amplifiers to expand the number of zones by distributing up to two audio inputs or zones.
- Built-in DSP allows fine-tuning of acoustic characteristics for each zone.
- Easy configuration via LAN or Wi-Fi.
- Offers IP and GPIO control options.
- Free-standing installation or rack-mount (rack-mount kit sold separately).

SPECIFICATIONS

Analog sources	4x RCA (2 unbalanced stereo) 2x 6-pin phoenix (balanced stereo)
Digital sources	1x Coax
Amplified zones	1 stereo (2 channels)
Power output	2x 125W @ 4 / 8ohms, *or* 1x 250W @ 70/100V
THD+N	<0.05%, 20Hz–20kHz
SNR	>106 dBA @ rated power –3dB
Control	Web GUI, GPIO
Mounting	Freestanding or rack-mount (rack kit sold separately)
Dimensions	44 x 220 x 213 mm (Half rack, 1U)
Weight	2.0 kg

Dante®

AES67 / Dante model also available as the **AMP-2-125D**

AMP-4-125

DSP Matrix Amplifier



The AMP-4-125 power amplifier delivers configurable and reliable high-performance audio power amplification for commercial and hospitality applications. Featuring a compact 1U half-rack design, this DSP-enabled Class-D amplifier supports low-impedance 4Ω to 16Ω loudspeakers and high-impedance 70V/100V transformer-coupled loudspeakers.

The web GUI offers effortless browser-based configuration of multi-zone setup, input mixing, ducking, EQ, speaker presets, delay, and wall controller configuration.

KEY FEATURES

- 4 analog audio inputs (balanced or unbalanced) and one digital input.
- Outputs configurable as 4 Lo-Z mono, or 2 Hi-Z stereo, or a mix of each.
- Class D amplifier provides robust clear audio.
- Daisy-chain multiple amplifiers to expand the number of zones by distributing up to two audio inputs or zones.
- Built-in DSP allows fine-tuning of acoustic characteristics for each zone.
- Easy configuration via LAN or Wi-Fi.
- IP and GPIO control options.
- Free-standing installation or rack-mount (rack-mount kit sold separately).

SPECIFICATIONS

Analog sources	4x RCA (2 unbalanced stereo) 2x 6-pin phoenix (balanced stereo)
Digital sources	1x Coax
Amplified zones	2 stereo (4 channels)
Power output	4x 125W @ 4 / 8ohms, *or* 2x 250W @ 70/100V
THD+N	<0.05%, 20Hz–20kHz
SNR	>106 dBA @ rated power –3dB
Control	Web GUI, GPIO
Mounting	Freestanding or rack-mount (rack kit sold separately)
Dimensions	44 x 220 x 320 mm (Half rack, 1U)
Weight	2.8 kg

Dante®

AES67 / Dante model also available as the **AMP-4-125D**

AMP-8-125

DSP Matrix Amplifier



The AMP-8-125 power amplifier delivers configurable and reliable high-performance audio power amplification for commercial and hospitality applications. Featuring a compact 1U design, this DSP-enabled Class-D amplifier supports low-impedance 4Ω to 16Ω loudspeakers and high-impedance 70V/100V transformer-coupled loudspeakers.

The web GUI offers effortless browser-based configuration of multi-zone setup, input mixing, ducking, EQ, speaker presets, delay, and wall controller configuration.

KEY FEATURES

- 8 analog audio inputs (balanced or unbalanced) and one digital input.
- Outputs configurable as 8 Lo-Z mono, or 4 Hi-Z stereo, or a mix of each.
- Class D amplifier provides robust clear audio.
- Daisy-chain multiple amplifiers to expand the number of zones by distributing up to two audio inputs or zones.
- Built-in DSP allows fine-tuning of acoustic characteristics for each zone.
- Easy configuration via LAN or Wi-Fi.
- IP and GPIO control options.
- Free-standing installation or rack-mount (rack-mount kit included).

SPECIFICATIONS

Analog sources	8x RCA (unbalanced stereo) 4x 6-pin phoenix (balanced stereo)
Digital sources	1x Coax
Amplified zones	4 stereo (8 channels)
Power output	8x 125W @ 4 / 8ohms, *or* 4x 250W @ 70/100V
THD+N	<0.05%, 20Hz–20kHz
SNR	>106 dBA @ rated power –3dB
Control	Web GUI, GPIO
Mounting	Freestanding or rack-mount (rack kit included)
Dimensions	44 x 440 x 320 mm (1U rack height)
Weight	3.8 kg

Dante®

AES67 / Dante model also available as the **AMP-8-125D**

AMP-IWC-US

In-Wall Multizone Controller for AMP Series





This controller gives any room in a multi-zone installation a physical, wall-mounted control point for volume and source selection. Designed exclusively for the RTI-AMP Series, each controller is assigned to one amplifier zone during setup through the browser-based web app. Once paired, the zone name, active source, and volume level appear on a bright 240 x 240 pixel colour LCD, and a single tactile rotary encoder handles all interaction: turn for volume, tap for source, press and hold for settings. Up to eight controllers can be paired to one amplifier.
Optional three-level PIN protection and volume range limiting.

KEY FEATURES

- Per-zone volume and source control for RTI-AMP Series amplifiers.
- Tactile rotary encoder: turn for volume, tap for source, hold for settings.
- Full-colour 240 x 240 LCD shows zone name, source, and volume at a glance.
- PoE Class 1 powered (3.84 W max) over a single CAT5e cable.
- Up to 8 controllers per amplifier, one per zone.
- Three-level PIN protection: Settings Only, All Access, Dual PIN.
- Per-zone volume range limiting to protect speakers.
- Customisable display: four colour schemes, adjustable backlight and standby.
- Zero-programming; set up via the RTI-AMP web app.
- Black or White finish options.

SPECIFICATIONS

Amplifier compatibility	AMP Series models
Power supply	PoE class 1 (3.84W max)
Security	3-level PIN protection; Volume range limiting
Standby modes	6 settings from 30s to 60min
IP Rating	IP 30
Display screen	Customisable RGB colour; 240 x 240p resolution; Transmissive / normally black
Configuration	Via browser interface; One controller per amp zone
External dimensions	115 x 71 mm
Weight	120g

AMP-IWC-EU

In-Wall Multizone Controller for AMP Series



This controller gives any room in a multi-zone installation a physical, wall-mounted control point for volume and source selection. Designed exclusively for the RTI-AMP Series, each controller is assigned to one amplifier zone during setup through the browser-based web app. Once paired, the zone name, active source, and volume level appear on a bright 240 x 240 pixel colour LCD, and a single tactile rotary encoder handles all interaction: turn for volume, tap for source, press and hold for settings. Up to eight controllers can be paired to one amplifier.
Optional three-level PIN protection and volume range limiting.

KEY FEATURES

- Per-zone volume and source control for RTI-AMP Series amplifiers.
- Tactile rotary encoder: turn for volume, tap for source, hold for settings.
- Full-colour 240 x 240 LCD shows zone name, source, and volume at a glance.
- PoE Class 1 powered (3.84 W max) over a single CAT5e cable.
- Up to 8 controllers per amplifier, one per zone.
- Three-level PIN protection: Settings Only, All Access, Dual PIN.
- Per-zone volume range limiting to protect speakers.
- Customisable display: four colour schemes, adjustable backlight and standby.
- Zero-programming; set up via the RTI-AMP web app.
- Black or White finish options.

SPECIFICATIONS

Amplifier compatibility	AMP Series models
Power supply	PoE class 1 (3.84W max)
Security	3-level PIN protection; Volume range limiting
Standby modes	6 settings from 30s to 60min
IP Rating	IP 30
Display screen	Customisable RGB colour; 240 x 240p resolution; Transmissive / normally black
Configuration	Via browser interface; One controller per amp zone
External dimensions	87 x 87 mm
Weight	120g

ACCESSORIES



IEX-IR

Intelligent Ethernet Expansion



Intelligent Ethernet Expansion with four infrared ports for control, the IEX-IR extends control directly from the processor. Flexible, adaptable, compact, and versatile, the IEX-IR puts control exactly where you need it. An additional benefit is it is very easy to configure and program as the ports become addressable from the processor as IR connections.

KEY FEATURES

- Local control where you need it.
- Easy configuration and setup – all settings are available to pre-plan through Integration Designer or live through the web interface.
- Compact design for discreet installation.
- One CAT cable for power (PoE), data and control.
- Built-in diagnostics.

SPECIFICATIONS

IR ports	4x 3.5mm jacks
IR output drive	100mA max per port, adjustable
Flash memory	256 MB
Communications	RJ45; 1Gb PoE
Dimensions	104 x 200 x 20 mm

CB-8

Connecting Block for In-Wall Controllers



The CB-8 provides convenient and reliable power connections for up to eight (8) RTI in-wall keypads, touchpanels and other devices. In addition to providing power, the CB-8 combines and routes the infrared outputs from the touchpanels to a single output for connection to an RTI control processor. Multiple CB-8 units can be daisy-chained for connecting more than eight devices. A 4.3 Amp, 16VDC power supply is included.

KEY FEATURES

- Includes 16VDC, 4.3 Amp power supply capable of powering up to eight RTI wired user interfaces.
- Multiple CB-8 units can be daisy-chained.
- Standard RJ45 ports for easy connection of touchpanels

SPECIFICATIONS

Power supply	16V DC, 4.3A
Max current per port	1.5A
Enclosure	Formed steel, Black powder coating
Mounting	Wall-mount or free standing
Dimensions	127 x 239 mm

RCM-4

Ethernet Relay Control Module



The RCM-4 provides four individually addressable relays. Built-in Ethernet enables control from an RTI XP series control processor. An IR input allows the RCM-4 to be triggered from many different sources, including RTI wired user interfaces, control processors or third-party infrared repeater systems. Commands trigger open and close functions as well as adjustable hold times for momentary relay operation. Powered by PoE or the included power supply.

KEY FEATURES

- Four individually addressable relays.
- Relays capable of switching up to 28VDC@5A.
- Relays can be used in a normally open or normally closed configuration.
- Relays can be controlled with both IR and Ethernet.
- Powered using power supply or Class 2 PoE

SPECIFICATIONS

Power supply	+12VDC, 1.25A
Relays	4x, switching up to 28VDC @ 5A
Ethernet port	1x RJ45 with PoE
Dimensions	173 x 74 x 31 mm
Weight	466g

VPS-1

Voltage Sensor Module



The VPS-1 Voltage Power Sensor monitors the on and off status of almost any electronic component and provides this power status information to RTI control systems such as the XP-6s control processor. When the attached component is powered on, the VPS-1 detects the voltage supplied from the component, an attached power supply, or a third-party power sensor, and sends a signal to the RTI control system.

KEY FEATURES

- Connects to the MPIO ports of RTI control processors (ex. XP-6s, XP-8v etc) and expansion modules (ex. PCM-4).
- Detects the on/off status of almost any component.
- No power supply required - Power is supplied by the output ports.
- Power sensing circuit is housed in a compact, rugged ABS enclosure.
- LED light indicates the current power status.
- Control cable can be extended up to 150 metres

SPECIFICATIONS

IR output drive	100mA max
Input requirements	3V to 24VDC, *or* 9V to 30V P-P AC (50Hz min)
Control cable length	3.7m
Voltage sensor cable length	0.9m
Dimensions	44 x 76 x 18 mm

CM-232

RS-232 Communication Module



The CM-232 communication module provides an RS-232 interface to almost any RS-232 enabled device. It attaches to supported RTI control processors on one end, and a device's DB-9 serial port connector on the other end. The CM-232 is capable of one-way transmission (no receive function is supported) of user-defined character or binary strings.

KEY FEATURES

- Connects to the MPIO ports of RTI control processors (ex. XP-6s, XP-8v etc) and expansion modules (ex. PCM-4).
- Offers one-way RS-232 communication with nearly any RS-232 enabled device.
- Software-selectable baud rate up to 115.2K
- Industry-standard DB-9 male connector.
- Powered by output ports.
- User-definable output strings using Integration Designer software.

SPECIFICATIONS

Baud rate	Up to 115.2K; software selectable
Cable length	3.7m
Connector	DB-9 male
Pins used	GND, TXD, DTR (tied high)
Dimensions	33x 14 x 51 mm

ESC-2+

Ethernet to Serial Converter



The ESC-2+ Ethernet to Serial Converter provides a convenient way to add two RS-232 ports to an RTI XP series control processor. Wire the ESC-2+ to the local Ethernet network with standard CAT5 cable and it will offer full two-way control, as if the device was wired directly to the control processor. Two RJ45 jacks provide efficient CAT5 cabling between the ESC-2+ and the device being controlled.

KEY FEATURES

- Provides two additional serial ports to an RTI control processor.
- Use multiple ESC-2+ modules for virtually unlimited control of serial devices.
- Integrates seamlessly into Integration Designer.
- Can be discovered and configured by Integration Designer over Ethernet.
- Easy wiring to devices using CAT5 cable - Includes two RJ45 to serial adapters.

SPECIFICATIONS

Power supply	+5VDC, 1A
Serial RS-232 ports	2x RJ45 Includes two RJ45 to DB-9 adaptors
Mounting	Wall mount or free stand
Dimensions	71 x 45 x 25 mm
Weight	50g

ECB-5

IR Emitter Connecting Block



The ECB-5 IR Emitter Connecting Block provides expanded infrared signal distribution when used with RTI control processors, wired user interfaces, third party infrared repeater systems, etc. It has one infrared signal input and five emitter output ports that allow the connection of up to five single or dual infrared emitters.

KEY FEATURES

- Five infrared emitter outputs.
- Incorporates a sense input for monitoring the power status of a switched outlet, current sensor, light sensor, etc.
- Variable IR output power.
- Steel construction.
- No power supply required for operation.

SPECIFICATIONS

Power supply	9V to 16VDC, 1.5A (not included)
IR output ports	5x 3.5mm jacks
IR output drive	100mA max per port, adjustable
Dimensions	66 x 61 x 23 mm
Weight	108g

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vIRsa Mouse

IR Emitter



Designed with the professional integrator in mind, the “versatile” vIRsa Mouse is an IR emitter built to outperform all others. It is loaded with features to make installations go smoother, such as an unobtrusive, low-profile design, a flexible film adhesive and a separate holder that allows easy removal/replacement of the emitter. vIRsa Mouse is engineered with an actual (translucent) PCB to improve the integrity of electrical connections, a built-in resistor protects against over-driving and precision molding ensures consistent quality.

KEY FEATURES

- Sleek, low-profile and symmetrical design.
- Separate holder allows for easy removal and replacement of emitter.
- Includes two emitter holders (one red, one clear).
- Blue LED flasher can be visible or covered.
- Flexible film adhesive conforms to curved surfaces.
- Translucent circuit board.
- Industry standard 3.5mm mini-plug uses precision over-moulding.

SPECIFICATIONS

IR output	Compatible with industry standard IR repeater systems
IR power requirements	12VDC, 100mA max
Cable length	3m
Plug type	3.5mm
Dimensions	10 x 13 x 2.5 mm

ZM-24

Zigbee Transceiver Module



The ZM-24 2.4GHz Zigbee® Transceiver Module provides bi-directional communication between two-way enabled RTI remote controls and control processors utilising Zigbee® wireless communication. Capable of being hard-wired directly to a control processor or be used as a wireless repeater device to create an ultra-reliable, self-healing Zigbee® network.
The ZM-24 does not directly control A/V components. It must be used in conjunction with a Zigbee® enabled processor.

KEY FEATURES

- Bi-directional wireless communication.
- Range between ZM-24 modules up to 30m.
- CAT5 connection to processor, up to 300m.
- Can be used in “coordinator” mode, or create a Zigbee network by adding modules configured in “repeater” mode.
- Utilises IEEE802.15.4 wireless at 2.4GHz.
- Easy mounting with adjustable antenna and detachable wall bracket.
- Powered by an RTI control processor or the included power supply.

SPECIFICATIONS

Power supply	9V to 16VDC, 60mA
RTI Com Port	Two-way Zigbee, RJ45
Wireless networking	IEEE802.15.4 compliant
Communications	Over the air programmable
Dimensions	89 x 101 x 28 mm (antenna flat) 89 x 184 x 28 mm (extended)

RM-433

RF Receiver



The RM-433 is a radio frequency receiving device for communicating to RTI control systems and operates at 433MHz. The RM-433 contains a microprocessor that monitors all received signals so that RF noise is filtered out. When valid RF data from an RTI remote is detected, the RM-433 passes the signal through its output driver which allows the data to travel long distances over wire. The output driver is compatible with industry standard infrared repeating systems, and can be wired together with those systems or with additional RM-433.

KEY FEATURES

- Reliable RF reception due to matched antenna, connector, and PCB.
- Modular design that allows multiple RM-433 units to be wired together allowing for nearly any desired coverage area.
- Output signal is compatible with industry standard infrared repeating systems.
- No dedicated power supply required. Power is derived directly from the RTI control system.
- A feedback LED confirms operation.

SPECIFICATIONS

Power supply	9V to 16V DC, 60mA
RF carrier frequency	433.92 MHz
Output drive	200mA max
Antenna length	330 mm
Module dimensions	89 x 86 x 25 mm

ZB-PRO

Zigbee Network Management Tool



The ZB-PRO is a Professional Network Management Tool for use with RTI 2.4GHz wireless Zigbee networks. Attached to a standard USB port of a PC, the ZB-PRO communicates with ZM-24 Transceiver Modules via 2.4GHz RF during the setup process.

KEY FEATURES

- Updates the firmware in the RTI ZM-24 Transceiver Module.
- Downloads network configuration data to a ZM-24.
- No external power supply is required. Power is derived directly from the USB port.
- Utilises IEEE 802.15.4 wireless Zigbee® communication at 2.4Ghz.
- Feedback LEDs confirm various operations.
- Compact, rugged design.
- Available only to professional systems integrators

SPECIFICATIONS

Power supply	Powered directly by USB port
RF carrier frequency	2.4 GHz
Standards	IEEE 802.15.4
Dimensions	109 x 35 x 17 mm
Weight	32 g

ZW-PRO

Z-Wave Network Management Tool



The ZW-PRO is a Professional Network Management Tool for use with Z-Wave wireless networks. Attached to a standard USB port, the ZW-PRO wirelessly communicates with Z-Wave enabled devices during the network inclusion setup process. Used in conjunction with the Z-Wave Manager configuration software, the ZW-PRO simplifies the Z-Wave network setup, by allowing the installer to roam the installation with a laptop as they move between device locations.

KEY FEATURES

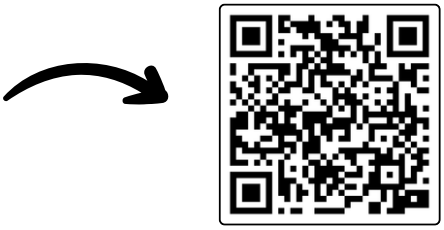
- Enables “inclusion” of devices onto Z-Wave wireless network.
- Plugs into a laptop USB port allowing the installer to roam to each device during Z-Wave network setup process.
- Designed to aid Z-Wave network setup for devices such as door locks and security devices with a short wireless range before “inclusion”.
- Compact, rugged design.

SPECIFICATIONS

Power supply	Powered by USB port
Wireless networking	Z-Wave Plus compliant
Dimensions	88 x 28 x 10 mm
Weight	14 g

Specifications and features may change from time to time without prior notice.

Click / Scan here for the latest catalog and product information



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