

IRStation™ / IRZ-1 / IRAMPStation

Design Your System For Future Serviceability

The IRStation eliminates hand wiring in a Remote Relay system. Although hand wiring can create good connections, if a component is damaged or interference occurs, every wire must be disconnected, everything tested and then carefully rebuilt. Good system design includes foresight--someday, something might go wrong.

With the addition of the IRStation to a Remote Relay system, connections are made quickly and simply with built-in screw down connectors and plug-in terminals. Better yet, if something is wrong, troubleshooting LED's quickly lead to the solution.

Fast, Secure Connections for each room with removable screw-down connectors (in-wall ver.) terminating IRTargets. Each emitter and the power supplies have their own plug-in jacks. Connecting time can be measured in seconds instead of minutes!

Identifies Damaged Bugs and Floods as every IR emitter has its own visible LED which flashes to verify operation.

Locates Damaged Targets. Whenever an IRTarget receives any kind of signal, the LEDs on the IRStation will blink. Thus, a problem with IRTargets receiving a remote's command is quickly diagnosed. By unplugging one IRTarget after another, the room with trouble is quickly identified.

The New IRZ-1 has all the great features of the IRStation and adds IR routing from two(2) to six(6) zones. Both unidirectional and bi-directional routing is available depending on "in the field" configuration.

Routing control is provided by four simple to use shunts. Gold plated header pins are used for maximum signal integrity. The auxiliary emitter expansion port allows more hardwired emitter outputs (4 max.) than the standard 6 plug-in type. Expansion requires the optional 1/8" expander plug, IRS-1. The IRZ-1 is available in chassis style only.

The New IRAMPStation adds an amplifier to the standard IRStation. Now you can connect a standard IRStation to this new version and power up to 12 emitters! So if your system requires more emitters than our standard IRStation can handle, step up to the IRAMPStation. You will enjoy the same ease of installation and trouble free operation you've come to expect...only with more power.



In-Wall IRStation Features
6-12 IRTarget connections inside wall
6 IRBug/Flood jacks on front (emitters not included)
6 Troubleshooting LEDs
1 SYS-TAT power supply plug-in on front plate
1 Power LED
1 Power supply plug-in on front plate
1 12V DC system power supply

Specify Standard(S) or Decora(D) Style (Polymer only)
Specify White (W) or Ivory (I)

IRStation-S	Standard Style Plate
IRStation-D	Decora Style Plate

Chassis IRStation/IRZ-1 Features
6-12 IRTarget connections
7 IRBug/Flood jacks (emitters not included)
6 Troubleshooting LEDs
1 SYS-TAT power supply plug-in
1 Power LED
1 Power supply plug-in
1 12V DC system power supply
IRZ-1 adds:
IR routing from 2-6 zones
Auxiliary emitter expansion port

Chassis IRStation

IRStation-C	Chassis Version
IRZ-1	Zonable IRStation (chassis)
IRAMPStation	Amplified IRStation (chassis)



IRS-1 Features
1/8" mono plug for use with IRZ-1 auxiliary emitter port
2 screw terminals for hardwired emitter expansion

IRS-1	Emitter expander
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IRB-4

Single Zone IR Connecting Block

The IRB-4 provides a convenient connecting point for a remote relay system, eliminating hard-wiring. Multiple IRTargets can be connected in parallel (up to 12) to the screw-down connector. We recommend running 4 conductor "home runs" from each room to the equipment stack and either connect directly to the IRB-4 or use our IR-TB termination block (see page R-25). Each emitter and the power supply have their own plug-in jacks. Up to (4) additional hard-wired emitters can be used from the auxiliary emitter jack by utilizing the IRS-1 expander plug (shown above). The IRB-4 is also available in a package that includes everything needed for a single zone infrared system.

IRB-4 Package



IRB-4	Single Zone IR Connecting Block
<i>Includes (1) Power Supply, (4) IRBug Emitters and (4) IRPrisms</i>	
IRB-4 Package	Single Zone IR Connecting Block Package