

STEP 1:

Once the Max In-Wall AC Base Unit is installed (see the instructions that come with the base unit), connect the signal wires to the module. Be sure to follow the appropriate color-coding or pin-out diagram. In-wall connections depend upon the module and type of signal-lines being protected. Connection types may include:

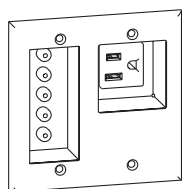
- Wiring pigtails with color-coded BNC connectors for Audio/Video
- F Connectors for antenna, cable or Satellite TV lines
- 3.5mm stereo jacks for IR repeaters, 12 Volt triggers or L/R audio with common ground
- RJ-11 / RJ-45 jacks for telephone or network lines
- Screw-terminals for RS232 lines

Note: Protection circuits and their operational characteristics (bandwidth/frequency range, clamping voltages, attenuation, etc.) are optimized for the intended application. Satellite TV circuits and antenna/cable TV circuits are different and cannot be interchanged.

STEP 2:

Carefully feed the signal wires through the base unit as you insert the module into the opening. The module may be installed with either end up, since there are two rows of retention dimples in the base unit. Depress the spring balls on the module as they reach the face of the base unit (this will help the module slide into the opening).

The module can be installed to three depths; flush with the faceplate, half-depth or full-depth. The depth of installation just depends on how you need the cables to dress.

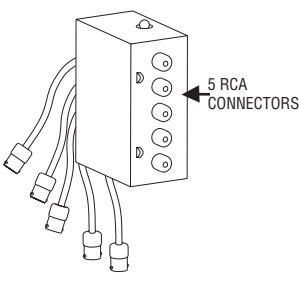


STEP 3:

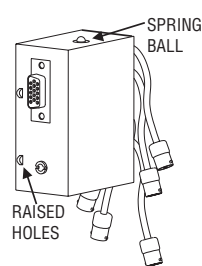
Connect cables (not included) to the equipment.

To remove a module, simply insert the included removal tool into the raised holes on the module face and pull.

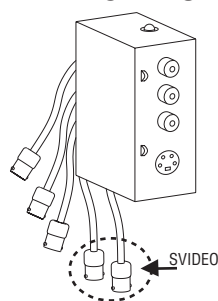
MIW-5RCA



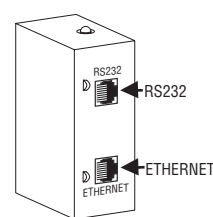
MIW-VGA



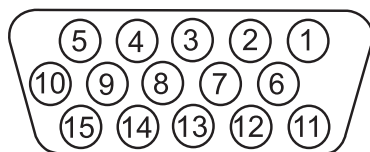
MIW-SVIDEO



MIW-DATA

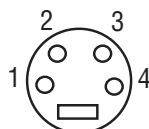


MIW-VGA PINOUT DIAGRAM



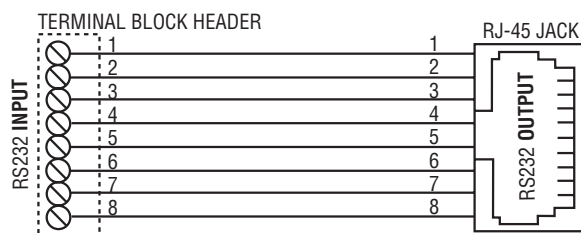
PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	RED	9	-
2	GREEN	10	GROUND
3	BLUE	11	-
4	-	12	-
5	GROUND	13	HORZ. SYNC.
6	GROUND	14	VERT. SYNC.
7	GROUND	15	-
8	GROUND	FRAME	GROUND

MIW-SVIDEO - PIN CONNECTOR DIAGRAM

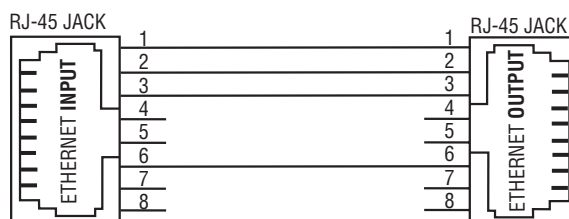


- 1 - Yellow Shield
- 2 - Yellow Center
- 3 - White Center
- 4 - White Shield

MIW-DATA - INWALL RS232 DIAGRAM



MIW-DATA - INWALL ETHERNET DIAGRAM



Panamax® In-Wall Surge Protector Product Warranty

Panamax warrants to the purchaser of any Panamax In-Wall surge protector, for a period of 3 years from its installation date, that the surge protector shall be free of defects in design, material, or workmanship, and Panamax will repair or replace any defective unit. For product replacement see "NOTIFICATION" below.

CAUTION: Audio/Video, computer and/or telephone system installations can be very complex systems, which consist of many interconnected components. Due to the nature of electricity and surges, a single protector may not be able to completely protect complex installations. In those cases, a systematic approach using multiple protectors must be employed. Systematic protection requires professional design. AC power, satellite cables, CATV cables, or telephone/network lines entering the system that do not pass through this surge protector will provide pathways for potential surge damage. For additional information on how to protect your system, please contact Panamax before connecting your equipment to the surge protector.

More detailed information is available at www.panamax.com

If you have any questions regarding these requirements, please contact Panamax Customer Relations.

1. PROPER INSTALLATION: Panamax In-Wall AC and Signal-line protectors are designed to provide code-compliant (NEC or CEC) installations. Separate signal-line protection modules must be used with with the appropriate AC baa unit to provide proper grounding. Building wiring and other connections to protected equipment must conform to applicable codes (NEC or CEC). No other ground wires or ground connections may be used. All wires (including, e.g., AC power lines, telephone lines, signal/data lines, coaxial cable, antenna lead-ins) leading into the protected equipment must first pass through a single Panamax protector designed for the particular application. The protector and the equipment to be protected must be indoors in a dry location, and in the same building. Panamax installation instructions and diagrams must be followed.

2. NOTIFICATION: You must obtain a return merchandise authorization (RMA) number from the Panamax Customer Relations Department at www.panamax.com/support ** or toll-free at 1-800-472-5555 before returning the protector to Panamax.

Once you obtain an RMA number, please mark the number on the bottom of the unit and pack it in a shipping carton/box with enough packing material to protect it during transit. The RMA number must be clearly marked on the outside of the carton. Ship the unit to Panamax. Please note that you are responsible for any and all charges related to shipping the unit to Panamax.

3. DETERMINATION OF FAILURE: Panamax will evaluate the protector for defects. Opening the enclosure, tampering with, or modifying the unit in any way shall be grounds for an automatic denial of your request for replacement. Panamax, after evaluating the unit, shall in its sole discretion, determine whether or not your protector is eligible for replacement.

If the surge protector shows no defects, Panamax will return the unit to you with a letter explaining the test results. Exception: If a dealer or installer replaces the protector for the customer, the unit will be returned to the dealer or installer.

4. GENERAL: If you have any questions regarding the product warranty, please contact the Panamax Customer Relations Department at www.panamax.com/support or toll-free at 1-800-472-5555. This warranty supersedes all previous warranties. This is the only warranty provided with the protector and any other implied or expressed warranties are non-existent. This warranty may not be modified except in writing, signed by an officer of the Panamax Corporation.

** Forms are available on the Panamax web site for requesting RMA's.

Effective Date 07/03

Q01L0040 Rev. B