

**Models:**

IRA4001: Remote Adjuster for use with ITC and IPC  
IRA4002: Remote Adjuster for use with IMC  
IRA4003: Remote Adjuster for use with IMT

**IRA400x****Wall Mounted Remote Adjuster****Specifications****Connecting Cable**

- Two core screened for both models

**Wiring Identification For IRA4001 To ITC/IPC**

Pink Terminal 4 of controller and screened core.  
Grey Terminal 5 of controller and screened core.  
Brown Terminal 9 of controller and screen of cable.

**Wiring Identification For IRA4002 To IMC**

Black Terminal 5 of IMC controller and screened core.  
Black Terminal 6 of IMC controller and screened core.

**Wiring Identification For IRA4003 To IMT**

Black Sensor in series with Detector.  
Black Sensor in series with Detector.

**Temperature Ratings**

Storage: 0-50°C non-condensing  
Operating: 10-40°C non-condensing

**Enclosure**

Manufactured from an ignition resistant grade of ABS which meets the requirements of AS2420.

Colour: Off White  
Mounting: DIN rail mounted

**Installation**

- Mount the base to the wall with four screws through the holes provided in the base of the case.
- Ensure that the word "UP" is to the top.
- Wire in accordance with INNOTECH connection diagrams and local bylaws or refer to your local distributor.
- Fit the cover by placing the top edge of the cover over the tabs on the top of the base and then pressing the bottom middle of the cover to the wall. A firm click indicates that the cover is securely fixed.

**Wiring**

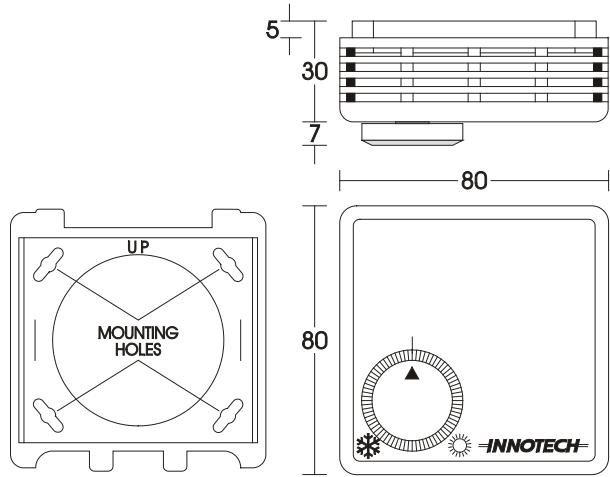
Shielded cable should be used to reduce the problem of EMI (electro-magnetic interference). The shield should remain continuous from the IRA to Terminal 9 (the on Terminal) of the ITC, IMC and IPC controller, or Terminal 0V of the IMT controller.

It is good practice to maintain at least 50mm clearance between control circuit wiring and power wiring.

**Removing The Cover**

Grip the bottom of the sides of the cover and then lift the cover off the wall. It will come free of the base with a minimum of force.

**DO NOT** grip cover by the middle of the sides. This will cause the cover to grip more firmly to the base.

**Application**

The INNOTECH IRA4001 Remote Adjuster is designed to provide an unscaled means to manually adjust the Set Point of the INNOTECH range of ITC and IPC controllers, or Full Remote Set Point for IMT Series.

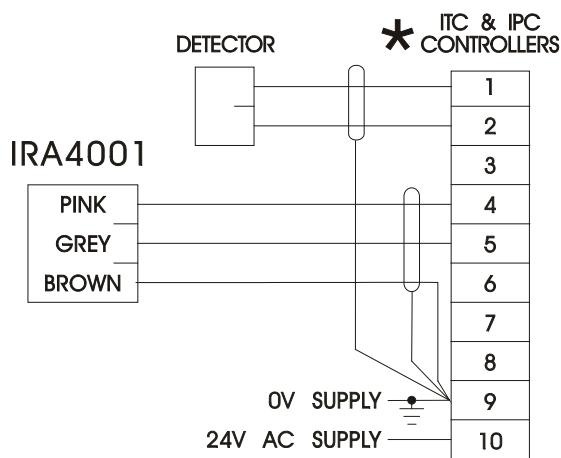
The INNOTECH IRA4002 Remote Adjuster is designed to provide an unscaled means to manually adjust the Set Point of the INNOTECH range of IMC temperature controllers.

The INNOTECH IRA4003 Remote Adjuster is designed to provide an unscaled means to manually adjust the INNOTECH range of IMT controllers.

**Features**

- Attractively styled low profile case blends with any decor
- Cover secured by positive locking clips
- No unsightly screws

## STANDARD CONNECTION



IRA4001

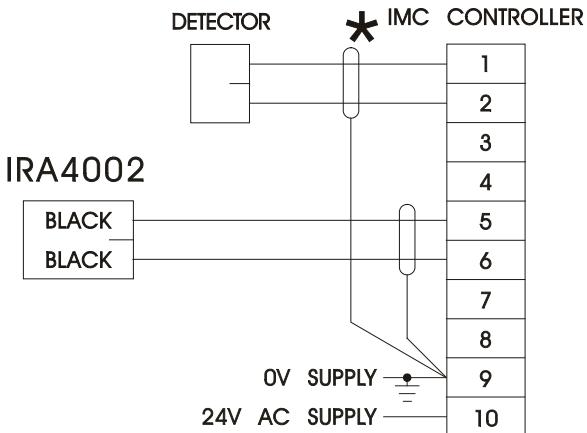
PINK  
GREY  
BROWN

OV SUPPLY  
24V AC SUPPLY

ITC & IPC  
CONTROLLERS

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

## STANDARD CONNECTION



IRA4002

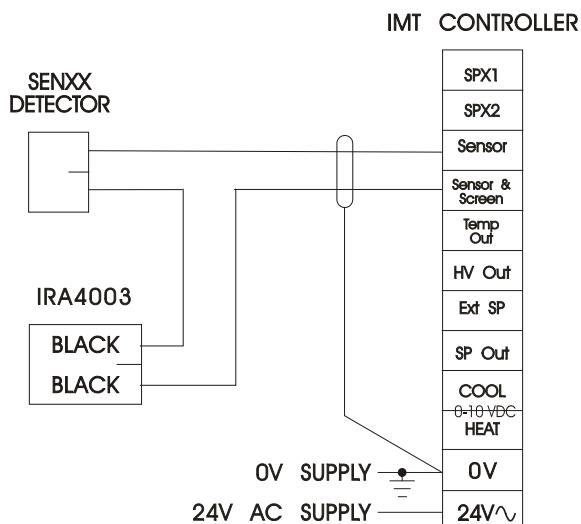
BLACK  
BLACK

OV SUPPLY  
24V AC SUPPLY

IMC CONTROLLER

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

## STANDARD CONNECTION



IRA4003

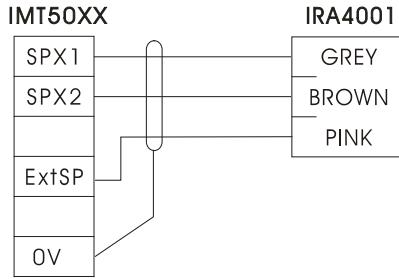
BLACK  
BLACK

OV SUPPLY  
24V AC SUPPLY

IMT CONTROLLER

SPX1  
SPX2  
Sensor  
Sensor & Screen  
Temp Out  
HV Out  
Ext SP  
SP Out  
COOL 0-10 VDC  
HEAT  
0V  
24V~

## FULL REMOTE SETPOINT



IMT50XX

IRA4001

GREY  
BROWN  
PINK

Screened Cable should be used to reduce EMI.

\* NOTE: FIXED 10 to 30 °C Adjustment

YOUR DISTRIBUTOR

**INNOTECH**<sup>®</sup>

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