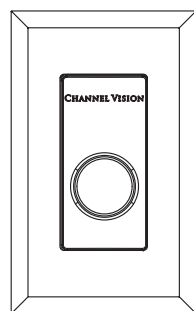


CHANNEL VISION™

IR-2005 Users Guide



CHANNEL VISION Limited Warranty

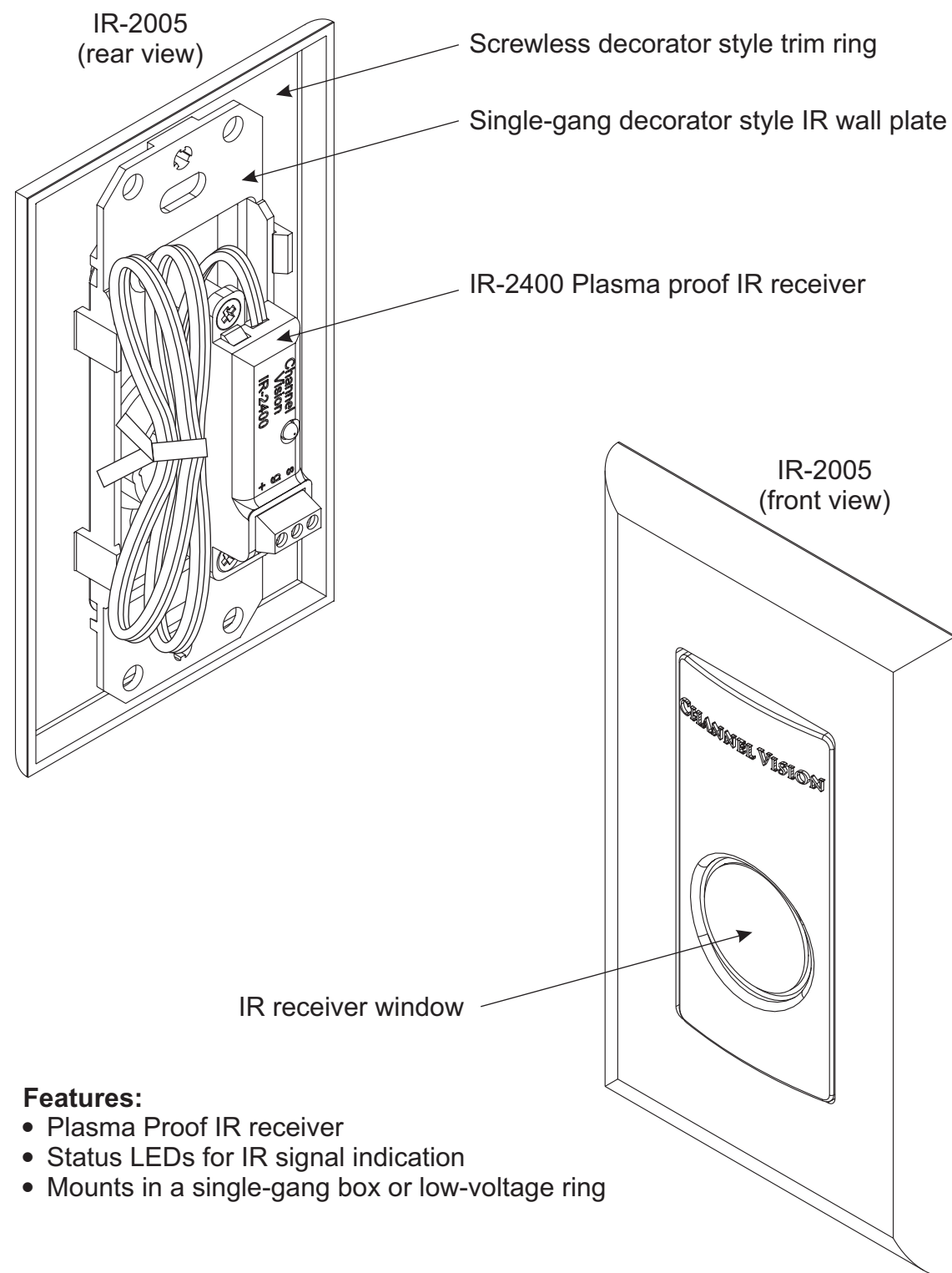
Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for two years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.

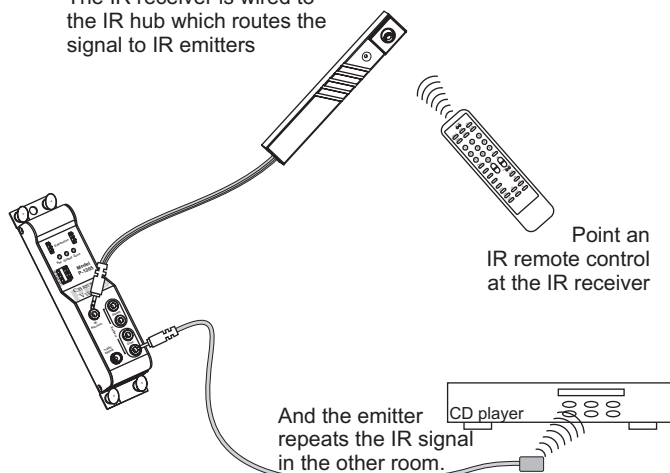
500-181 rev A

The IR-2005 includes these items:



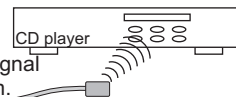
How IR repeating works

The IR receiver is wired to the IR hub which routes the signal to IR emitters



Point an IR remote control at the IR receiver

And the emitter repeats the IR signal in the other room.



Be sure the emitter is attached directly over the component's IR receiver. To locate the IR receiver, shine a flashlight into the unit and look for the sensor.

Specifications (typical)

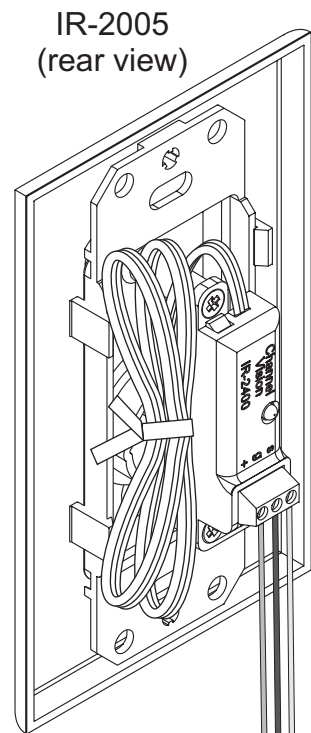
Voltage requirements:	8 - 12 VDC
IR Freq. range supported:	30 kHz - 60 kHz
IR pickup range:	40 ft. @ 38kHz, 25 ft. @ 56kHz
Mounting requirements:	Single-gang box or ring
Color:	White

Specifications subject to change without notice.

Features:

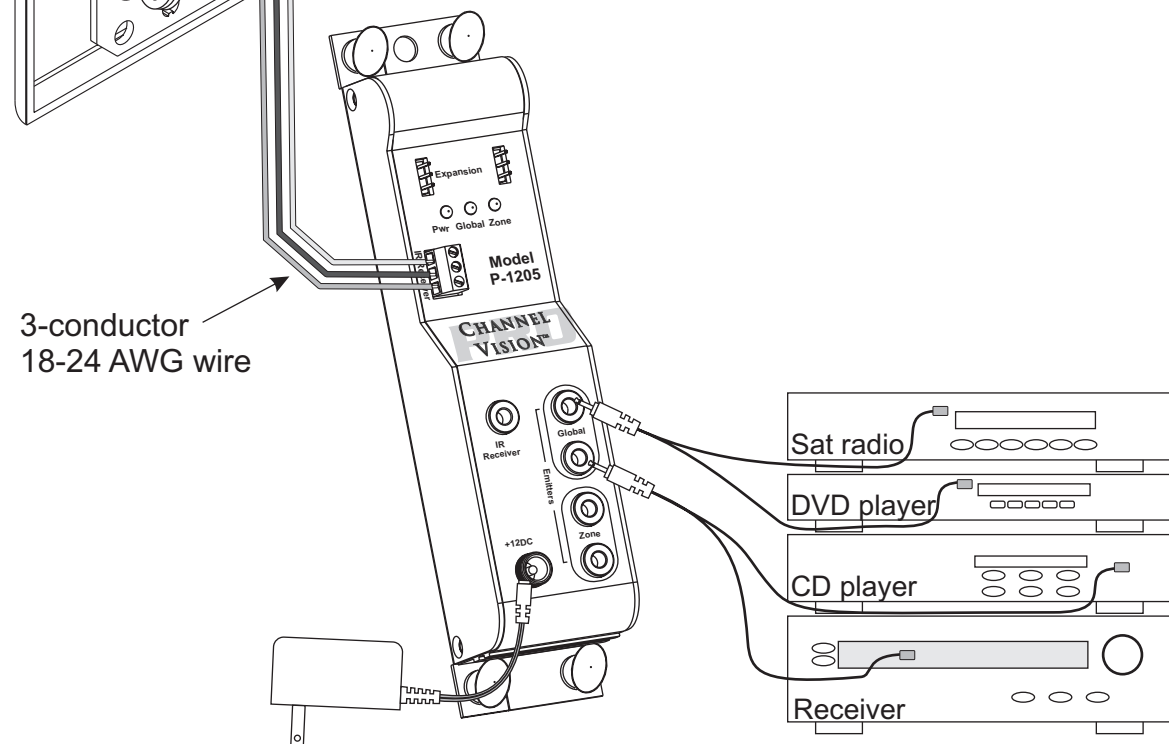
- Plasma Proof IR receiver
- Status LEDs for IR signal indication
- Mounts in a single-gang box or low-voltage ring

Single Room IR Setup



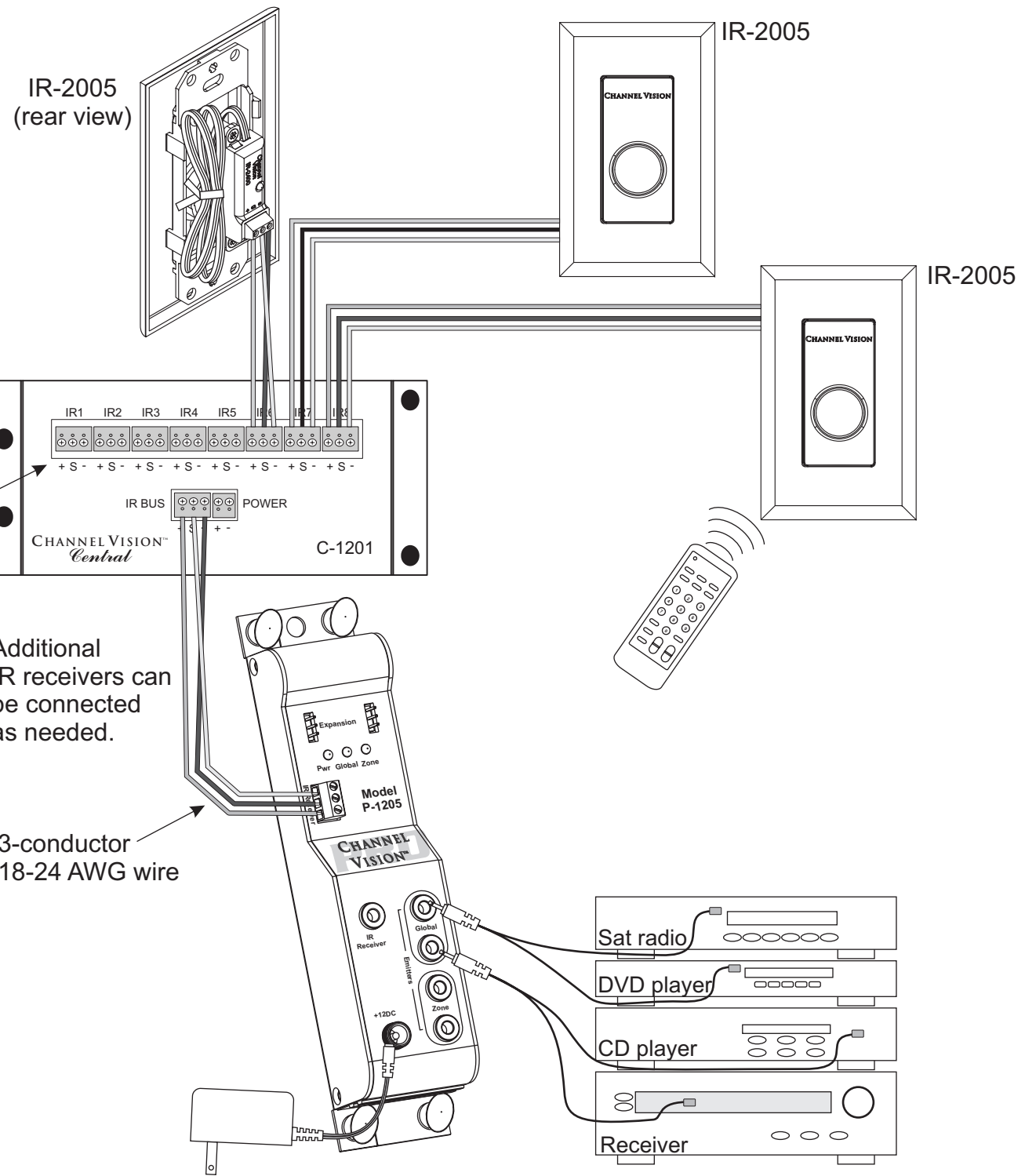
IR-2005 (rear view)

A single room IR system can be created by connecting the IR-2005 with the P-1205. Connect the three screw terminals on the P-1205 to the screw terminals on the IR-2005 using a 3-conductor wire (18-24AWG). CAT5 wire can be used, but only 3 of the 8 conductors are needed.



3-conductor 18-24 AWG wire

Whole-House IR Setup



IR-2005 (rear view)

IR-2005

IR-2005

Additional IR receivers can be connected as needed.

3-conductor 18-24 AWG wire

The diagram above illustrates how to create an IR system with IR receivers in several different rooms in the house. Systems like this may include several different styles of IR receivers depending on the specific application in each room.

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