

FEATURES

- Plasma-proof design
- Rejects interference from flat panel displays, CFL lighting or indirect sunlight
- Works with practically all remotes
- Extended receiving range
- Green talkback LED indicates when A/V system is on
- Blue talkback LED confirms reception of IR signals

Installation friendly design:

- 10' feet of connecting wire included
- Reliable adhesive backing

PACKAGE CONTENTS

- IR-SMR Receiver x 1
- 10 Feet of Connecting Wire x 1
- Adhesive-Backed Strip for Mounting x 1

PRODUCT OVERVIEW

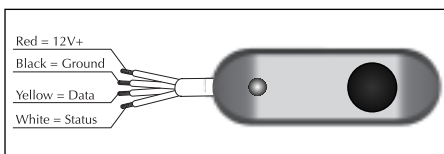


Figure 1 : Wiring legend

PREPARING FOR INSTALLATION

The IR-SMR Receiver cable must reach the proposed location of the IR Connecting Block. If not, use Category 5 cable to extend the length. Mark the cable with a Wire label, describing where the cable originates from, rather than where it will terminate. Make sure the mounting surface is cleaned and degreased before installation.

TOOLS REQUIRED

- 1/8" Slotted screwdriver
- Wire stripper
- Wire labels

INSTALLATION

1. Determine a mounting location for the IR-SMR.
2. Make sure the mounting surface is clean.
3. Remove the protective coating from the self-adhesive tape and attach the IR-SMR to the mounting surface.
4. Run the IR-SMR cable. Label the cable for future reference.
5. Strip 1/4" of insulation from the end of each CAT5 wire.
6. Locate the IR Connecting Block Snap and Lock Connectors and remove them if they are plugged in.

7. Use a small flathead screwdriver or your thumb to raise the locking tabs, exposing the holes on the connectors.

8. Insert each wire into the appropriate hole and snap down the locking tabs. **Figure 2.**

9. Insert the smooth side of the connector plug into the smooth side of the IR Connecting Block socket.

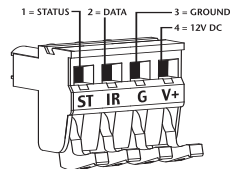


Figure 2

See installation diagram.

Installation Note:

The talkback LED can be disabled if it continues to flicker or visual feedback is not desired. Discrete on and off IR commands are available on the JobSite Technical support website for disabling the feedback LED. The address is: www.jobsitesystems.com/technicalsupport/

Using the IR-SMR with a JobSite M-4KP Keypad:

The IR-SMR is fully compatible with the JobSite M-4KP Keypad: follow the wiring instructions in **Figure 3**

INSTALLATION DIAGRAM

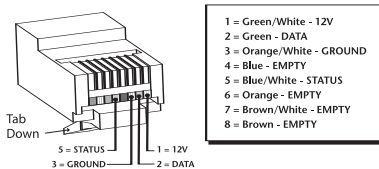
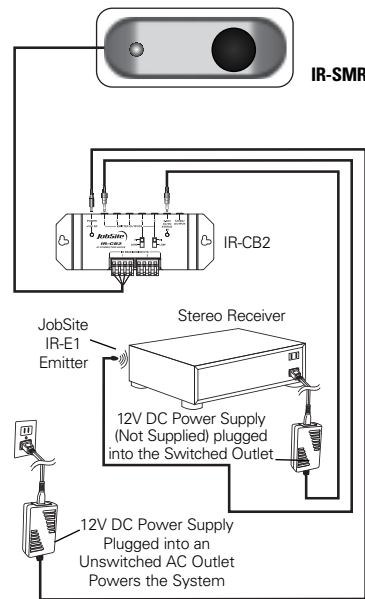


Figure 3 : Suggested wiring of WMR to an RJ45 connector for connection to a JobSite M-4KP keypad.

OPERATION

Operation of the IR-SMR is simple. Stand within the operational range of your IR-SMR. Aim your hand-held remote at the IR-SMR and press the button for the desired command. Your IR command is instantly repeated to your A/V equipment.

Green "Power Status" LED

When the IR-SMR is correctly connected as shown in **Installation Diagram**, the Green LED will stay lit as long as the preamp/receiver is on. When your preamp/receiver is off, the LED will stay off.

Blue "Talkback" LED

The blue "talkback" LED on the IR-SMR visually confirms the reception of an IR command.

TROUBLESHOOTING

1. Test the remote control(s) by operating the A/V equipment directly. Replace the batteries if needed.
2. Double-check the cable connections on all IR-SMRs and on the Connecting Block. Look for open, shorted or reversed wires.
3. Test for interference from the following sources:

- Neon or halogen lights in the room.
- Light dimmers, beginning with those closest to the IR-SMR.

- Observe the IR-SMR's LED while performing all the tests. It is possible to have interference from more than one source.

Eliminating optical feedback

Optical Feedback Loop

If you have an IR receiver in the same room as a emitter, and you have some low-level noise or interference, an optical feedback loop can occur which will interfere with proper operation. Symptoms can include: poor range, intermittent operation or no operation.

Solution:

Replace the IR-E1HO "flooding Emitter" with IR-E1 or IR-E2 Emitters and cover all emitters with the supplied IR Blocking Covers.

Identifying the type of interference

The "talkback" LED on the front of the IR-SMR is a useful trouble-shooting aid.

The LED should light blue only when a remote command is being received. However, if the LED on the IR-SMR "flickers", and the IR-SMR functions normally, there is no cause for concern.

If the IR-SMR does not work, and the LED does not light at all:

Test the remote control(s) by operating the A/V equipment directly. Replace the batteries if needed. Double-check the wiring connections of the IR-SMR, at the IR Connecting Block. Consult your IR Connecting Block's manual for more detail.



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If the IR-SMR does not work, and the LED flickers or remains solidly lit:

Cover up the receiver with a piece of cardboard (your hand will actually create electromagnetic interference under some conditions). Observe the IR test LED.

IR Test LED Off:

Optical Interference.

IR Test LED On or Flickering:

Electromagnetic Interference.

EMI (Electromagnetic Interference):

Solution:

1. Move the receiver or the receiver cable away from the EMI source or move the source of the EMI away from the receiver or the cable.
2. Connect the receiver's GND terminal to true earth ground (if this isn't feasible use the Connecting Block's GND terminal).

There are many methods for reducing interference. Which solution is best for you depends on your situation. If you require further assistance contact JobSite Technical Support at 1-866-452-7483.

SPECIFICATIONS

IR system

Works with practically all brands of IR remote controls

IR receiving

(varies by brand of remote control):

18'-30' range

From 20', 30 degrees off-axis

Wiring requirements

Category 5 or better, Home runs required

Mounting

Self-adhesive, surface mount

Dimensions

11/16" wide x 1/2" high x 2-1/16" deep

Warranty: 2 year limited

LIMITED WARRANTY

JobSite Systems ("JOBSITE"), a Niles Audio Corporation company, warrants its passive products (those not requiring AC or battery power) to the original purchaser to be free of manufacturing defects in material and workmanship for a period of ten years from date of purchase.

JOBSITE warrants its passive loudspeaker products (those not requiring AC or battery power) to the original purchaser to be free of manufacturing defects in material and workmanship for a period of five years from date of purchase.

JOBSITE warrants its indoor/outdoor loudspeaker products to the original purchaser to be free of manufacturing defects in material and workmanship for a period of two years from date of purchase.

JOBSITE warrants its all weather rock loudspeaker products to the original purchaser to be free of manufacturing defects in material and workmanship for a period of five years from date of purchase.

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To obtain warranty service, you must write to JOBSITE: Include your name, address, telephone number, model number and serial number of your unit, and a brief description of the problem.

A factory Return Authorization Number will be sent to you. DO NOT RETURN ANY UNIT WITHOUT FIRST RECEIVING WRITTEN AUTHORIZATION AND SHIPPING INSTRUCTIONS FROM JOBSITE.

If the above conditions are met, the purchaser's sole remedy shall be to return the product to JOBSITE, in which case JOBSITE will repair or replace, at its sole option, the defective product without charge for parts or labor. JOBSITE will return the unit repaired or replaced under warranty by shipping it by its usual shipping method from the factory (only) at its expense within the United States of America. THERE ARE NO OTHER WARRANTIES, INCLUDING, WITHOUT LIMITATION, EITHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE PRODUCT.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER/PURCHASER. NILES SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES EXCEPT TO THE EXTENT PROVIDED (OR PROHIBITED) BY APPLICABLE LAW.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

For the name of the nearest authorized JOBSITE wholesale distributor, contact:

JobSite Systems

12331 S.W. 130 Street, Miami, Florida 33186

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INSTALLATION & USER GUIDE



For Receiving and Routing

Infrared Commands from

Any Remote Control



PLASMA-PROOF SURFACE
MOUNT IR RECEIVER

IR-SMR