

### Troubleshooting

■ *Red indicator lights when a button is pressed, but the audio/video equipment does not respond to remote commands* - reposition the infrared Emitter so that it is directly on the "IR sensor window" of the component you wish to control. Sometimes the location of the IR sensor is not obvious. Consult the owner's manual or the manufacturer of the component to determine its exact location.

■ *Red indicator flickers at random* - The HE1000A is designed to receive infrared signals and occasionally it may pick up random infrared "noise." The random flickering does not cause any harm, unless it appears to interfere with proper response to commands. Try moving or turning the HE1000A Remote Eye so that it is not affected by strong sunlight or light from at television screen. If flickering persists, try turning off the television receiver to see if it is affecting the HE1000A. The HE1000A Remote Eye may be moved away from the television to eliminate problems. Noisy electronic light dimmers may also cause interference. Try turning them off to test them.

### Limited Warranty

Harman Kardon warrants its products to be free of defects in materials or workmanship. This warranty extends for one year from the date of purchase by the original consumer. Any products returned to Harman Kardon and found to be defective by Harman Kardon within the warranty period will be repaired or replaced, at Harman Kardon's option, at no charge. The owner must pay any shipping charges incurred in sending the HE1000A to Harman Kardon for replacement. Harman Kardon will not be responsible for the actual cost of installation or removal of the product, nor for any incidental or consequential damages. 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 is valid in the country of purchase. Consult Harman Kardon distributor in country of purchase for warranty information.

## harman/kardon

80 Crossways Park West  
Woodbury, NY 11797

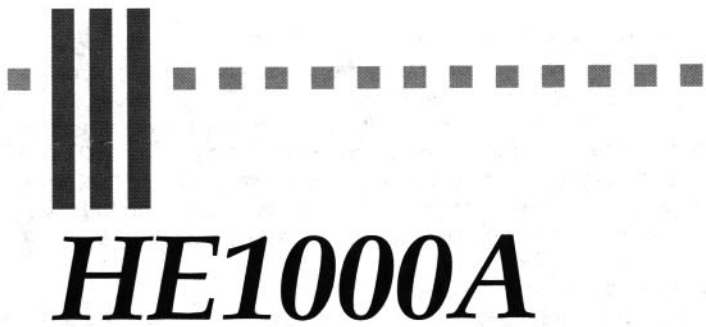
8500 Balboa Boulevard  
Northridge, CA 91329

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■ harman/kardon



Remote Eye  
OWNER'S MANUAL

# HARMAN KARDON HE1000A REMOTE EYE

Thank you for choosing a Harman Kardon Remote Eye. And congratulations. Your new unit is an exceptionally well-engineered product that will give you years of superb performance.

## GENERAL INSTRUCTIONS

### Use the Correct AC Voltage.

Connecting the unit to an supplying a higher voltage may create a fire hazard.

### Handle the Power Cord Gently

- To disconnect the power supply from the AC outlet, pull on the power supply itself, not on the cord.
- Disconnect the power supply from the AC outlet whenever the unit is to be left unused for an extended period of time.
- Do not place furniture or other heavy objects on the cord, and avoid dropping heavy objects on it. Also do not make a knot in the cord. Place the unit on a firm and level surface or fasten it securely in place.

### Avoid installing it:

- In moist or humid places:
- Close to heating equipment or in places exposed to direct sunlight.

### Moving the Unit.

Before moving the unit, be sure to unplug the power supply from the AC outlet and disconnect all wires.

### Do Not Open Case.

Do not attempt to service this unit. Tampering with internal components can cause fire or shock, and may void your warranty. If water or small objects enter the unit, unplug the power cord immediately. Contact Harman Kardon. The unit is not field serviceable. Using the unit under such conditions may cause a fire or shock hazard.

### Cleaning.

Remove dust by wiping the unit with a soft, dry cloth. If necessary, use a soft cloth lightly dampened with mild soapy water; then wipe with a dry cloth. Never use benzene, thinner, alcohol or other volatile agents, and avoid spraying insecticides near the unit.

## INSTALLATION

### Packaging

The HE1000A consists of five parts, the Remote Eye, a Power Supply, a Connecting Block, an Infrared Emitter and a One-Foot Cable assembly. Save all packing material and the bill of sale. The packing is essential for shipping should you move. They are both required should the unit ever need warranty repair.

### Placement

The Remote Eye may be placed on any flat, level surface or it may be

adhered to other surfaces with double-stick foam tape or with a bracket fashioned for this purpose. It may be placed on top of television receivers or monitors in most cases. See "How to Avoid Problems".

### Connecting the Remote Eye

1. Connect the cable coming from the back of the Remote Eye to the IR jack on the Connecting Block. Connect the One-Foot Cable from one of the OUT jacks on the Connecting Block to the REMOTE IN jack on the rear of any Harman Kardon product (except the Citation 22, 24 and 25) having such a jack. See figure 1.

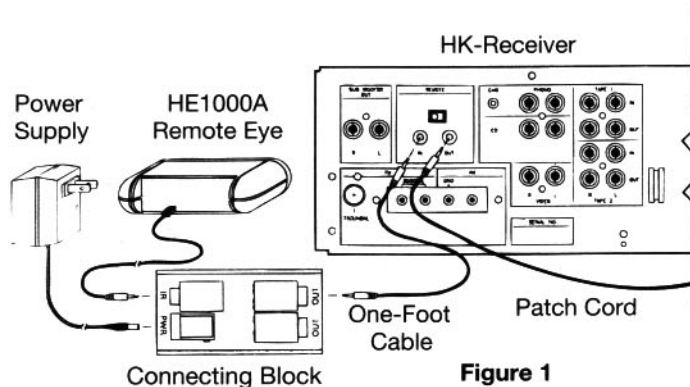


Figure 1

2. Harman Kardon products can be connected together so that one Remote Eye will operate all of them. To do this, connect a patch cord from the REMOTE OUT jack on the unit connected to the Remote Eye to the REMOTE IN jack on the next unit. Continue this process to include additional components (if they are compatible).
3. If the additional units are not directly compatible with the REMOTE OUT jack, or do not have REMOTE IN jacks, plug the cable on the infrared Emitter into the other OUT jack on the Connecting Block. See Figure 2.

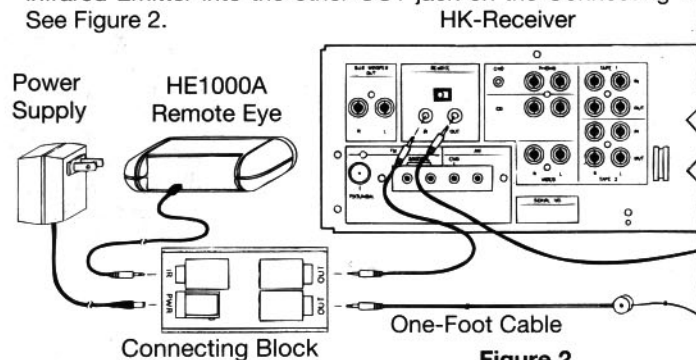


Figure 2

Position the emitter over the remote control sensor window on any of these additional components (audio or video unit). Peel off the paper backing to expose the clear adhesive. The clear adhesive film will hold it in place. Spare adhesive is enclosed for future use.

4. Plug the Power Supply into the PWR jack on the Connecting Block. Plug the Power Supply into an unswitched AC outlet.

### Operation

Use the Remote Eye as you would use the remote sensor window on any audio or video component. Simply point the handheld remote control at the Remote Eye and press the proper button. The Remote Eye does not change the way your remote controls work. The maximum operating distance between the remote control and the Remote Eye will be different for each remote control and will be different than the range of the remote control when pointed directly at the audio or video component.

### How to avoid Problems

In rare cases, the location of the HE1000A Remote Eye may have to be changed if it is on top of or near a TV set and if TV set is causing enough interference to prevent the HE1000A system from working. You can confirm this by turning the TV set off and checking for operation. Similarly, compact fluorescent lamps and other lighting may also cause interference. Confirm this in the same way by turning them off. It may then be necessary to change the location of the lamps or the HE1000A Remote Eye.

