

# INSTALLATION MANUAL



## K-2/S-2 PACKAGE

### SPECIFICATIONS

Power:	12 VDC @ 500 mA power supply.
Connectors:	Screw type connectors.
Remotes:	Kenwood, Sony.
Range:	25-35 feet.
Angle:	+ or - 35 degrees off nominal axis.
Wire:	Must be wired with 16-4.

The K-2/S-2 package is a 2-way system designed to receive infrared signals from remote controllers via remote sensors, and send them to the base unit, which in turn sends these signals to remote repeaters. This unit also sends a return signal back to the remote control, confirming that the signal has been received. This system is not capable of making devices remote controllable that are not so already, but allows remote system operation from any room in a structure where the K-2/S-2 sensors are installed. NOTE: No more than 4 sensors should be used in a system.

### INSTALLATION

The 455 Receiver plugs into the 1/8" jack on the back of the base unit. This receiver must be positioned in a location to receive the 455khz data signal from the front of the A/V Receiver. Try different locations for the receiver before permanently mounting with the adhesive on the back. The IRBug emitter should be placed directly over the component's IR sensor. You may have to move the emitter around to find the "sweet spot". Once a good position is found, peel the backing paper off and adhere the emitter to the unit. Additional emitters can be used for separate pieces of equipment by following the wiring diagram on the back of this sheet. Make sure that the emitter is not in the line of sight or reflection of any sensors as radiation from the repeater may be picked up by a system sensor, resulting in a feedback situation which causes instability and unreliable operation. Undesirable reflection can occur off light colored walls, windows, mirrors and even shiny wood finishes. Connect the emitter to central processor and to the sensor eyes, following the wiring diagram on the back of this sheet. The system should be wired with 16-4 wire.

For connection, prepare the wire leads for any optional emitters and all remote sensors by stripping about 1/4" of insulation from each of the wire ends. Twist strands tightly together so that none stick out to cause possible short circuits. Insert the wire ends into the outputs on the back of the base unit following the wiring diagram on the back of this page. Tighten all screws and inspect for loose wire strands, etc.

Plug the power supply into the wall, and the wire lead into the jack labeled POWER on the back of the base unit. The unit is now ready to operate.

### WARRANTY

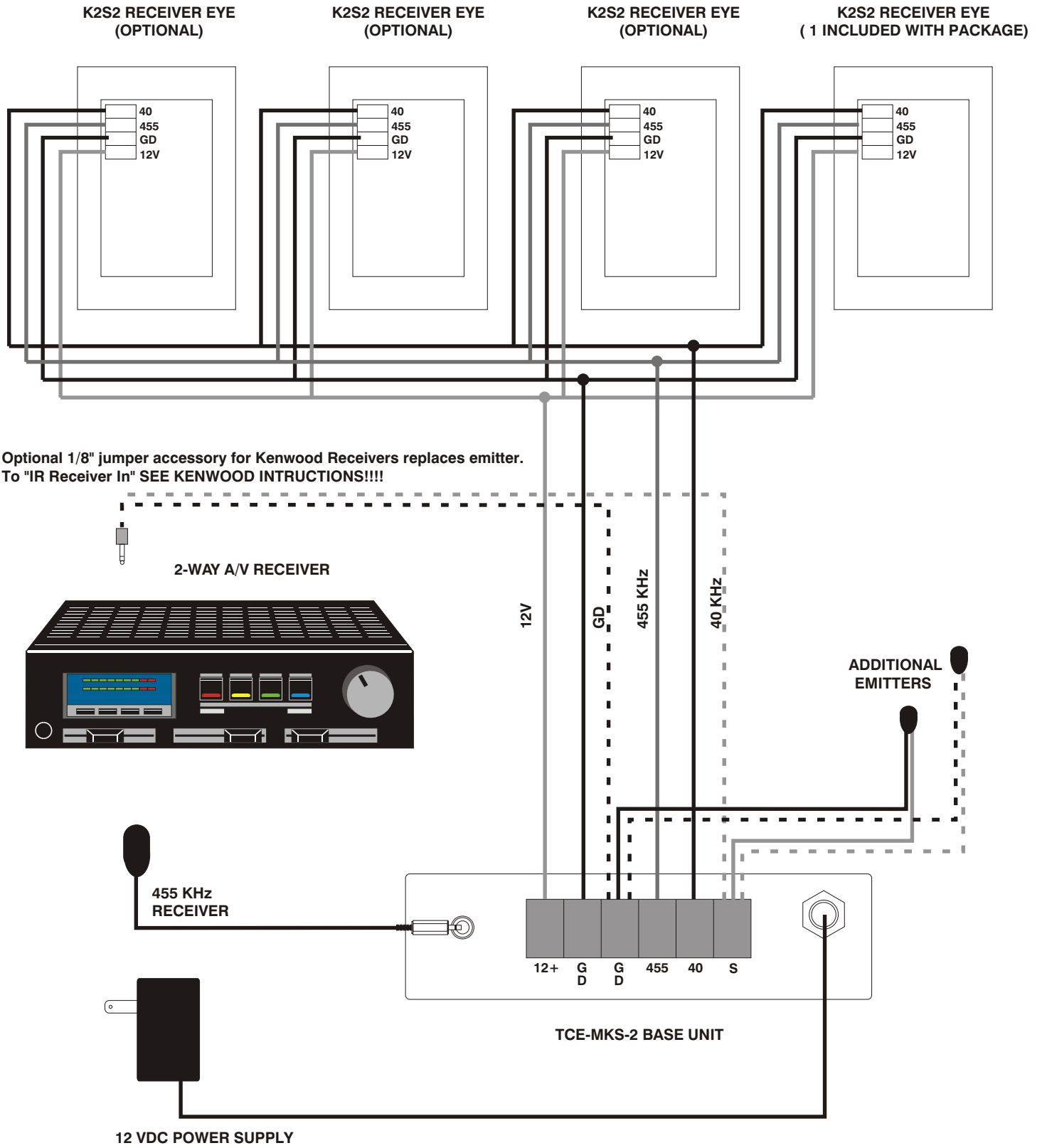
Your AUDIOPLEX TECHNOLOGY® K-2/S-2 is covered by a LIFETIME warranty against any defects in workmanship and materials. Any defects will be remedied without charge for labor or parts.

Damage incurred by shipping or by accident is not considered to be a defect, and not covered by this warranty. AUDIOPLEX TECHNOLOGY® is not responsible for defective operation caused by abuse or by modification or service by any unauthorized person or agency.

The unit must be properly installed and operated according to instructions for the warranty to apply. Any necessary servicing must be done by AUDIOPLEX TECHNOLOGY®. The unit must be shipped with the proof of purchase and in the original carton and packing materials to avoid damage.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

# WIRING DIAGRAM



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## AUDIOPLEX TECHNOLOGY®

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