CABINET STEALTH
IR Repeating System for Equipment in Cabinet

The Cabinet Stealth allows IR (Infrared) control of equipment hidden in a cabinet near the TV. It consists of the Audioplex Stealth Xtreme sensor eye, processor box with integrated flood emitter, 12 volt power supply, three IR Prisms, and one IR Bug emitter. The eye receives an IR signal from your remote, and the processor box re-transmits the signal inside the cabinet to control your AV components.

- Tiny Stealth eye mounts anywhere within six feet.
- Works with most current IR remotes
- Advanced Plasma Proof design minimizes interference caused by plasma, LCD, and LED TVs as well as CFL lights
- Easy plug in connections
- Peel and Stick mounting

INSTALLATION

Temporarily place the sensor eye (the cable with the larger bulb) in a convenient position near your TV. It should be close enough to your cabinet to allow the 6 foot cable to reach inside. Place the processor box inside the cabinet so that its emitter can shine on your components. Depending on its configuration, you may be able to bounce IR off of light colored surfaces, or use the additional IR Prisms to help get IR signals to your equipment. See diagrams on next page. A plug-in IR Bug emitter is provided if additional IR is needed for some components.

Plug the sensor eye into the jack with the hex nut, and the additional IR Bug (if used) into the jack with the round knurled nut.

WARNING! BE SURE THE SENSOR EYE AND IR BUG ARE PLUGGED INTO THE CORRECT JACKS OR DAMAGE WILL OCCUR!

Plug the 12 volt power supply into the processor box and then into a 120 volt outlet.

Test the unit with the cabinet closed by pointing your remote(s) at the sensor eye and trying commands for all of your devices. Make adjustments as needed by moving or turning the processor box to get the best function of all devices. Using IR Prisms on your devices and / or taping white paper inside the cabinet to help reflect the IR signal can help improve function. The additional IR Bug can be placed on or near any device which is having trouble.

Once everything is working satisfactorily, peel the protective paper off the sensor eye and processor box and permanently mount them.

ADDITIONAL HINTS:

Mount the Sensor Eye near the TV. The bezel (frame around the screen) is a good place to try.

If only one device is having trouble responding, try placing the additional IR Bug on the device's sensor.
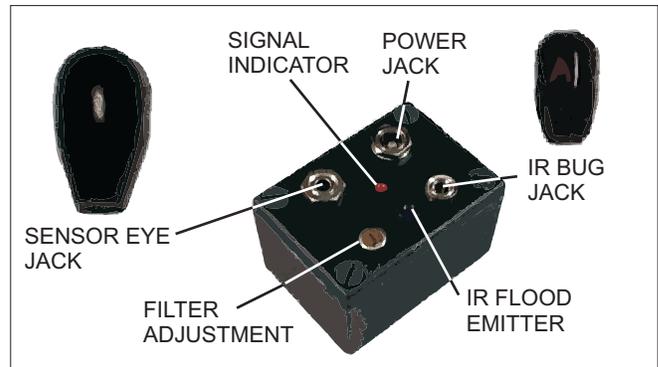
The cabinet must be closed in normal operation to avoid possible interference or feedback.

The signal indicator flashes red when the unit is receiving an IR signal. If it stays off, check your connections. If it stays on, be sure the sensor eye is fully inserted. If it flickers when no remote is being used, there could be IR interference.

Occasionally, IR interference can affect operation. Try relocating the Sensor Eye away from the source of interference.

If you still are having problems with interference, try adjusting the digital filter. The digital filter is preset in the central position at the factory. This setting is indicated when power is connected by three flashes of the signal indicator. To adjust the digital filter, turn the filter adjustment screw fully counterclockwise. Disconnect and re-connect power to force the circuit to read the filter setting. If operation is unsatisfactory, advance the control 1/8 turn clockwise, momentarily remove power, and re-test. Repeat until you get satisfactory operation.

For additional installation help, contact Audioplex Technical support at 800-257-2077 or support@audioplex.com.

OPERATION

With the cabinet closed, aim your remote at the sensor eye and press some buttons to control devices inside the cabinet. The emitter(s) inside will transmit a duplicate of the remote's IR signal to operate your devices.

Typical Cabinet Stealth Installations

There are many ways to use the Cabinet Stealth to control audio / video components. Here are a few examples. The drawings show a cutaway side view of an equipment cabinet, with the door on the left. Four components are shown in gray, stacked up so that their front panels are aligned.

Diagrams 1 & 2 show two ways to locate the Cabinet Stealth (shown in black) to allow IR signals to reach the components. Diagrams 3 & 4 show two ways to use the optional plug-in IR Bug.
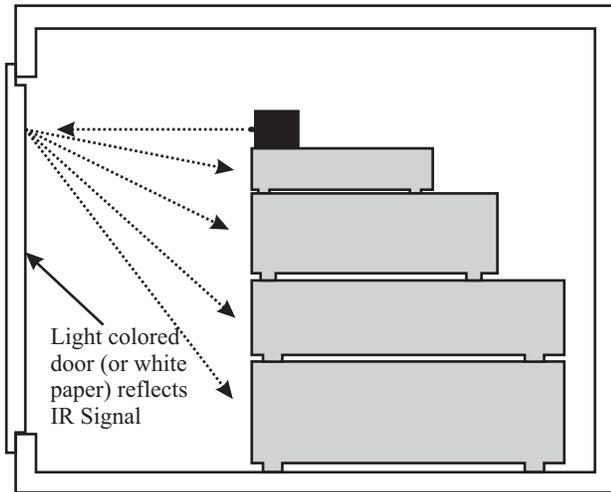
Light colored door (or white paper) reflects IR Signal

IR Prisms direct signal into components

Diagram 1.
Cabinet Stealth aimed at light colored door. IR signal is reflected to components. White paper inside door can help reflect IR.
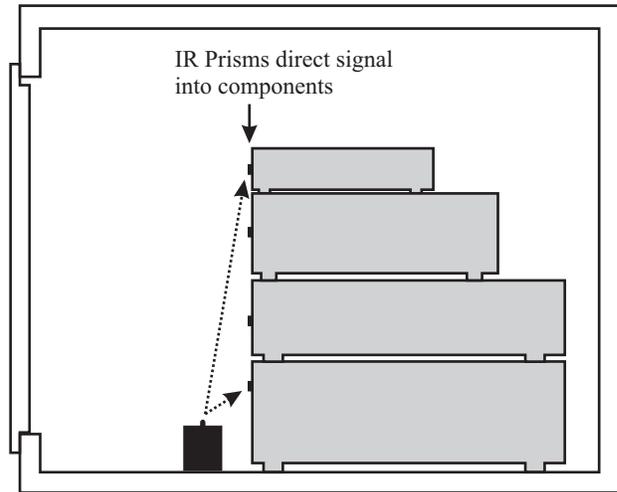
Diagram 2.
Cabinet Stealth aimed across component faces. IR Prisms on components direct IR signal into components.
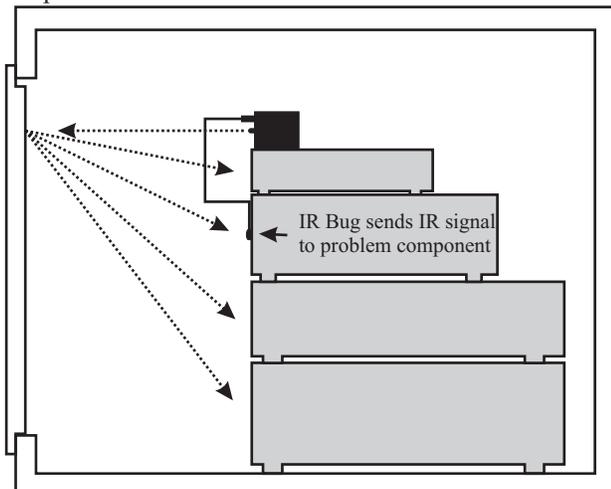
IR Bug sends IR signal to problem component

IR Bug sends addional IR signal to components

IR Prisms on Components

Diagram 3.
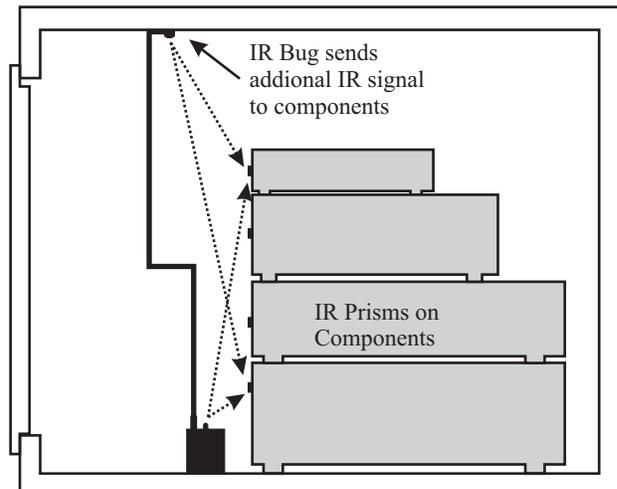Cabinet Stealth aimed at light colored door. IR Bug sends additional IR signal to a problem component.

Diagram 4.
Cabinet Stealth aimed across component faces with prisms. IR Bug sends additional IR signal from above for better coverage

WARRANTY

Your AUDIOPLEX TECHNOLOGY Stealth Xtreme IRTarget is covered by a Lifetime warranty against defects in workmanship and materials. Any defects will be remedied without charge for labor or parts. Damage incurred by shipping or 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 an 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 products must be returned expences prepaid, with written authorization from the company. The unit must be shipped with the proof of purchase and in the original carton and packing material to avoid damage. This warranty gives you specific legal rights. You may have other rights which vary from state to state.