

INSTALLATION INSTRUCTIONS

793-10 SERIAL CONTROL COMBINER

Many brands of audio/video equipment provide a means of linking an audio receiver to a CD player to a tape deck, etc., so that infrared control signals sent to the audio receiver will control the other devices as well. This capability is often in the form of a serial data network where one pair of wires is “daisy-chained” from device to device to device. The most common connecting link usually employs the 3.5mm miniature phone plug.

In multi-zone systems, the audio receivers respond only to infrared control signals from a single zone, while the common source equipment, such as CD players, tape decks, etc., must respond to control signals from all zones. The 793-10 connects to the Control Output (Network Out, Serial Out, etc.) jacks on each audio receiver (up to five per 793-10) and combines the signals so that a stack of source equipment can be controlled. The serial control command signals are isolated with diodes in the 793-10 so that the audio receivers do not interfere with each other. If more than five audio receivers are used, multiple 793-10's can be connected together.

The 793-10 has five **CONTROL INPUTS** jacks which are connected to the Control Output (Network Out, Serial Out, etc.) on the audio receivers by two-wire cables with 3.5mm miniature phone plugs on each end. Connect the **A** jack, near the marking **CONTROL OUTPUTS**, to the Control or Serial **input** on one of the source devices using the same type of cable. If more than one source device is used, they should be “daisy-chained” in the usual manner. For more zones than five, use the **B** jacks, near the marking **CONTROL OUTPUTS**, to connect from one 793-10 to another using the same type of cable described above.

The ten **LOGIC POLARITY SELECTOR** switches configure the 793-10 to respond to the control signal **polarity** used by the particular brand of equipment. Since the 793-10 can only be used in single-brand installations, all of the switches are set together.

- For **Active Low** equipment such as Pioneer, Luxman and Denon, set switches 1, 3, 5, 7, and 9 **ON** and switches 2, 4, 6, 8, and 10 **OFF**.
- For **Active High** equipment such as some models of Marantz, Philips and Sony, set switches 1, 3, 5, 7, and 9 **OFF** and switches 2, 4, 6, 8, and 10 **ON**.

NOTE: The 793-10 works with single-brand installations only and requires no power supply.