

RESPONSE

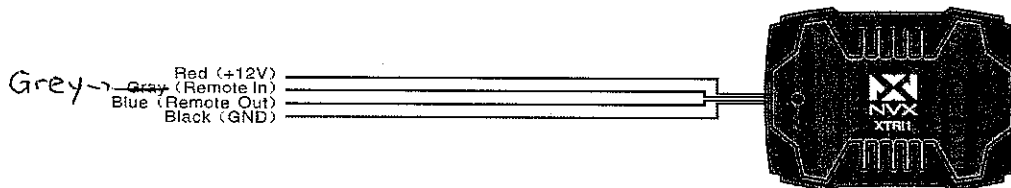
User Manual

Amplifier Remote Signal Switcher

Model: AA0419

Connections and Installation Tips

1. Connect the RED wire to a constant (+) 12 volt source. This can be the memory wire for the stereo receiver (check to see if the radio is code-protected before cutting or unplugging the memory wire) or the (+) 12 volt battery terminal of the amplifier.
2. Connect the BLACK wire to ground. The radio chassis or amplifier ground terminal is generally a good location for this connection.
3. The BLUE wire should be connected to all amplifiers or signal processors that are being controlled by the remote power adapter. It supplies a (+) 12 volt output rated at 1 amp, with a one to three second delay when triggered by signal on the ~~GRAY~~ wire.
4. The ~~GRAY~~ GREY wire may be connected to any wire from the stereo receiver that measures above (+) 4 volts when the unit is on and below (+) 3volts when the unit is shut off. This includes power antennas, amplifier remote outputs [typically (+)12 volts but maybe as low as (+) 5 volts in some OEM systems], or speaker outputs. A high powered stereo receiver will normally supply between (+) 6-7 volts DC at the speaker output; this is sufficient to trigger the Remote Power Adapter. Use this method for applications where the stereo receiver lacks any dedicated switched outputs or it is easier to access a speaker terminal.
5. The Green LED will turn on after the delay period, indicating that the remote output is triggered.
6. The trigger delay is controlled by input voltage on the ~~GRAY~~ GREY wire. A low voltage input will increase the delay to a maximum of three seconds; at (+) 12 volts, the delay drops to about one second.
 - a. If the adapter is being triggered by a speaker output, it will stay on (along with the devices it controls) for a short period after the stereo receiver is switched off. This is due to the stored energy of a typical chip output and cannot be avoided. To prevent turn-off noise, we recommend that the adapter be triggered by a dedicated remote output of the stereo receiver whenever possible.
7. By combining two or more adapters, sequential turn-on of several devices can be achieved. This will permit a signal processor to power up after the stereo receiver followed by the amplifier(s), there by preventing turn-on noise in the signal chain from reaching the speakers.



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