

A 5106 4 IN - 1 OUT Audio Switcher

OPERATING INSTRUCTIONS



Description

The A 5106 enables one of four auxiliary / line level sources to be switched to the connected amplifier.

Inputs and outputs

The selector is provided with 4 auxiliary / line inputs. These consist of stereo RCA sockets (Converted to mono internally). The sensitivity of each input is adjustable from either 100mV or 1V via the dip switches located on the rear panel. The output is delivered via a stereo RCA socket.

Microphone Input

A local microphone input is provided (via a Euro block) on the rear panel. When operated, it will automatically mute the selected program source. The muting can be either vox muting using a 3 core mic cable or PTT muting using a 5 core mic cable .ie 3 for mic, 2 for PTT. The selected program will commence on completion of paging.

Front Panel Controls

Each input is provided with a program on / off selection switch, volume control, plus LED to indicate input selected. A separate volume control and LED is provided for the microphone input.

Remote Volume

Provision is provided to alter the volume of the selected input program and microphone level remotely. This is achieved by connecting a 1KΩ potentiometer via a fig 8 cable to the Euro blocks on the rear panel. Note you require separate controls for program and microphone control.

Remote Program Selection

With the connection of the optional A 5108 control plate, the program source, program volume and microphone volume can be remotely selected and adjusted. Connection to the selection box is via Cat 5 cable. When connected, the A 5108 can be configured to either work in tandem with the selector, or it can override and prevent operation from the selector box. Visual indication is given at both locations as to which program source is selected.

Operation

To select a program, press the desired switch. The corresponding LED will illuminate. To change the selected program simply press the desired program switch. The system will automatically switch from one program to the other. This will also be reflected on the remote A 5108 panel if fitted. To cancel the selected program, simply press the switch again to turn it off.

Cable Requirements

Remote volume use figure 8 cable similar to Altronics W 2121. Note: separate figure 8 runs are required for each source, ie: one for auxiliary volume and another for microphone.

Remote wall plate use cat 5 (or better), similar to Altronics W 2760.

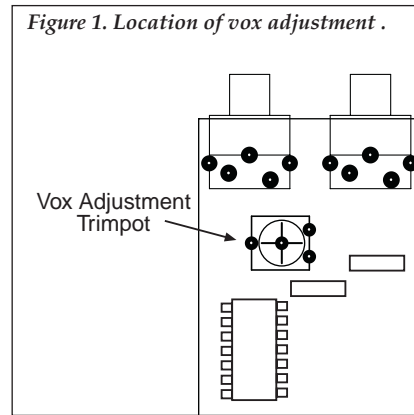
Vox Sensitivity Adjustment

A trimpot is provided internally for sensitivity adjustment of the vox circuit. See figure 1 for location of this trimpot.

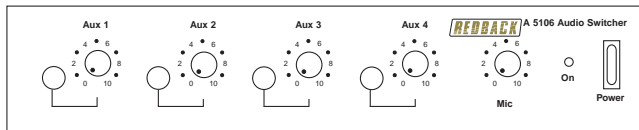
Features

- 4 Auxiliary / line inputs with individual volume controls
- 1 Balanced 200 - 600Ω microphone input
- Vox or PTT muting
- 24V DC operation via 2.1mm DC jack
- Stylish half width IRU chassis
- Provision for remote volume adjustment of selected program
- Provision for remote volume adjustment of microphone
- Provision for remote operation via A 5108 plate
- Dimensions: 44H x 103D x 210W

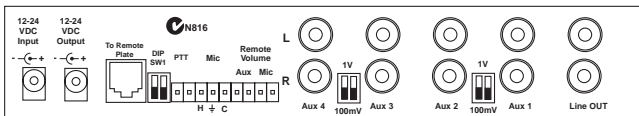
Figure 1. Location of vox adjustment .



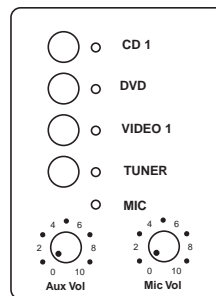
Front Panel



Rear Panel



Remote Wall Plate



A 5106 Schematic

