

10x1 Video + Audio Passive Switcher

FEATURES

- 10 input video & audio switching in one unit.
- Simple passive switching.
- Balanced single channel or unbalanced stereo audio.
- Self indicating pushbuttons.

APPLICATIONS

- Monitoring of slave machines in dubbing suites.
- Patch bay replacement.

GENERAL

The AMS-1000 is a passive 10 x 1 video and audio switcher intended for use in non-critical switching and monitoring applications.

Inputs are selected by switches, which are mechanically interlocked. A white flag indicator clearly shows the selected switch from a distance without the need for power.

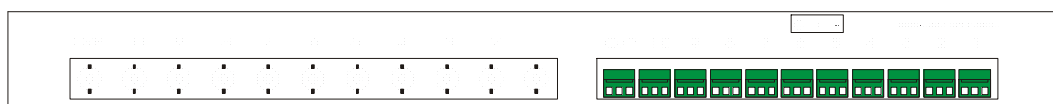
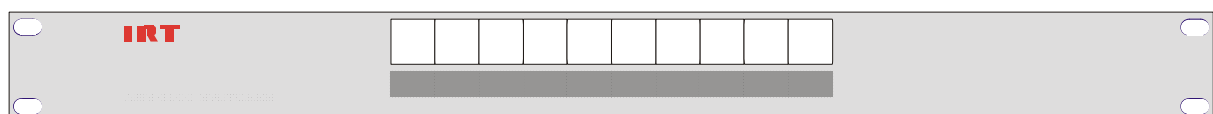
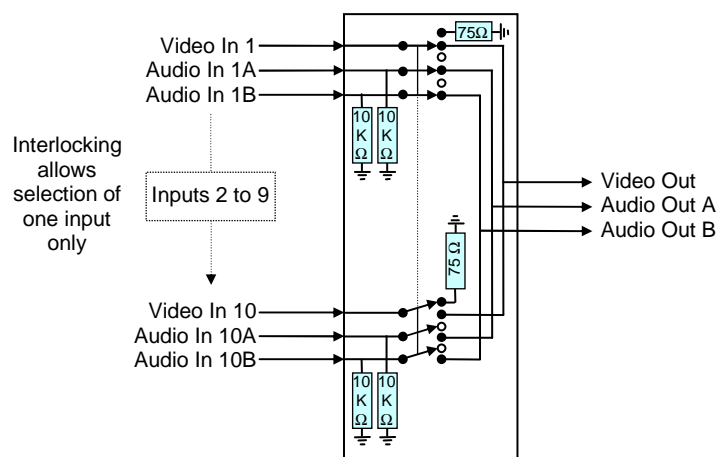
Video: All non-selected video sources are terminated in 75 Ω . The selected video input is switched through to the output and must be terminated at the destination.

Audio: The audio consists of two identical circuits for each switch position. These may be designated as a pair for balanced operation or as Left and Right channels for unbalanced stereo operation.

All audio lines are loaded with 10 K Ω at the input. The selected pair are connected to the output connector and the total loading will be that of the destination in parallel with the switcher loading.

The switcher is housed in an IRT one rack unit (480 x 230 x 44 mm), 19" rack mounting chassis with video connections via BNC connectors and audio via plug in terminal blocks.

BLOCK DIAGRAM AMS-1000 SIGNAL PATH



TECHNICAL SPECIFICATIONS

Video inputs:

Number 10.
Type 75 Ω terminated when not selected.
 Terminated by output load when selected.

Video output:

Number 1.
Type Directly connected to selected input.
 Open circuit if no input selected.

Audio inputs:

Number 10 x 2.
Type 10 k Ω terminated when not selected.
 Impedance determined by load when selected.
 May be wired as balanced pairs or as stereo unbalanced pairs.

Audio output:

Number 1.
Type Directly connected to selected input.
 Open circuit if no input selected.

Connectors:

Video BNC.
Audio Phoenix plug-in screw blocks.

Other:

Power Requirements Nil – totally passive.
Mechanical Suitable for mounting in standard 19" rack, with input and output connections on the rear panel.
Finish Grey enamel, silk-screened black lettering & red IRT logo.
Dimensions 480 x 230 x 44 mm.
Supplied accessories Matching audio connectors.

