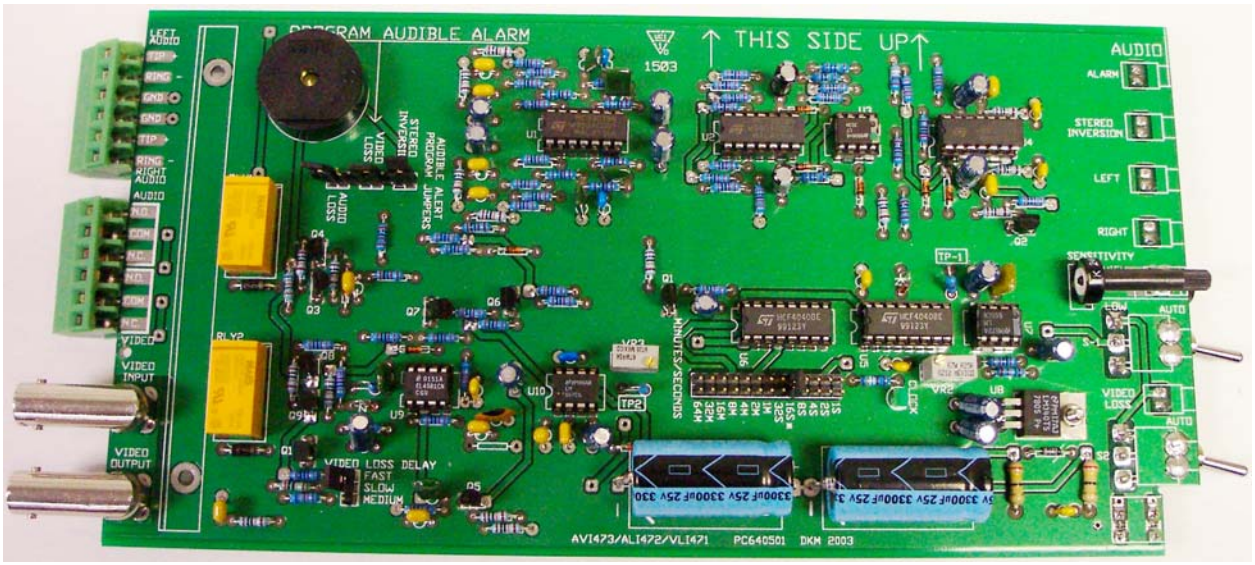
AVI473A

STEREO AUDIO LOSS INDICATOR



The **AVI473A AUDIO Loss Indicator** provides a form C relay contact closure for loss of Stereo audio service. This contact closure can be used to operate an external program switch or remote maintenance alarm. The unit has an audible alarm sounder that can be separately field programmed for audio loss on either channel or stereo inversion.

A loss of audio program triggers the relay switch after a field programmable time delay. This allows for normal pauses in the audio programming material. The time delay can be set from 1 second to 64 minutes. The relay will switch and the internal alarm will sound when the audio has failed and the count-down time delay has been reached. If the audio is restored before the count-down time delay has been reached, the system will reset the counter and again wait for the audio to fail.

The unit has front panel L.E.D. indicators for Left and Right audio, Stereo Inversion, and Audio Loss.

Audio alarm trigger sensitivity level can be set from the front panel using the "TRIGGER LEVEL" control. You can set the unit to operate on Low level or high level audio signals. The Left and Right Audio indicators are used to set this control.

The audio indicators have a front panel switch that allows the operator to set the mode of alarm operation. The "AUTO" position will automatically reset the alarm relay when the audio returns. The "Hold" position will hold the alarm on after any loss of audio, and the "Reset" position will turn off the alarm functions.

The AVI473A is constructed on the AVI473 PC card and can be upgraded to an audio and video loss detector if you so desire. Simply return the unit to the factory for the video upgrade. There is a nominal fee for the upgrade if it is needed at a later date.

The unit fits into the RMS-400 mainframe and power supply. Up to nine AVI473A units can fit into one RMS-400 mainframe.

AUDIO	**SPECIFICATION**
Audio Channels Per Card	Stereo Left/Right or Mono
Programmable Time Delay	1 Second to 64 Minutes
Input Impedance	High Impedance Bridging
Input Common Mode Reject	50 dB minimum, 60 dB average
Input Level (APL)	-10 dBm to +8 dBm
Alarm Sensitivity	Adjustable Trigger Level
Maximum Head Room	+21 dBm
Audio Mode Switch Control	3 Position Toggle Switch
Audio Loss Indicator	Front Panel Red L.E.D.
Stereo Inversion Indicator	Front Panel Red L.E.D.
Audio Input Status Indicators	Front Panel Green L.E.D.
Audio Connectors (Balanced)	Screw Terminal (Wire)
Audio Alarm Relay Output	Form "C" Relay 1 A @ 30 VDC
Relay Connectors	Screw Terminal (Wire)
Audible Alarm	Field Selectable All Function

MECHANICAL	
Power requirement	RMS-400 Mainframe Power Supply Will Hold Nine Units.

Relays have normally open and normally closed contacts Selectable.