

TECHNICAL BULLETIN

AHB SYSTEM 8 and 21 SERIES PREAMPS

IMPROVEMENT TO RELIABILITY UNDER FAULT CONDITIONS

With a faulty microphone input connector that earths pin 2 or pin 3 of the channel input and when the +48 volt phantom power is on, failure of the IC1 on the input pcb can occur at the moment the connector is inserted. Experience is that only a small percentage of channels will fail, and the following makes the preamp proof against this failure condition.

Parts required: 2 off general purpose silicon diode IN4148 or equivalent.

Method: refer to the information sheet attached.

Open the unit and on input pcbs locate the input pins to IC1 TLO72CP

System 8

21 Series

pins 5+6

pins 2+3

Add one diode between each input pin and the negative 15 volt supply as shown on the diagram. Observe the diode polarity, the end with the stripe should connect to the IC input pins.

This revision applies to all production to date and is factory fitted on System 8 units after serial number 1100 and Series 21 units after serial number 0436.

SYSTEM 8/ 2I SERIES INPUT PCB MODIFICATION

