



INFORMATION BULLETIN
NAT Part No.: AMS42 and AMS44

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Description: **Left and Right User MIC Bias Circuits Incompatible with PAX Bias Circuit**
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Prepared By:		Checked By:			Approved By:	
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1. Applicability

This information is applicable to all AMS42 and AMS44.

2. Subject

The Left and Right User mic bias circuit resistors (R348 & R349) are 1 kOhm and are not the same as the Pass circuit resistors (R341, R344 to R347) at 330 Ohm. This is causing a problem when attaching an external headset adaptor to use low impedance microphones with the AMS44. When testing the Comm Innovations CILH-93 in circuit, the Pass mic audio meets specification however, the Left and Right Users mic audio is weak and garbled.

3. Action

A 1.5 kOhm, 1/4 W, 10% resistor needs to be installed external to the product between the MIC HI and MIC LOW.

End of information bulletin