

For Assy:
10149
Rev: 1/4/05

Radio Systems Part# 10149 Dual Mix-Minus Card

Description

This circuit board is a two channel mixer designed to establish two independent outputs, each compromised of one common input and one unique input. For most telephone applications, the common input will be the console “TEL” buss composed of all non-caller channels, and the unique inputs will be caller 1 and caller 2 audio. In this way, two “mix-minus” outputs are established to feed audio back to each caller.

Wiring

Following the diagram below, make the following connections to the mix-minus card:

Console “TEL” buss output to TS 2, terminals 1 and 2.

Hybrid 2 output to TS 4, terminals 1 and 2 (via the console channel patch point).

Hybrid 1 output to TS 4, terminals 4 and 5 (via the console channel patch point).

TS 1, terminals 1 and 2 to hybrid 1 mix- input.

TS 1, terminals 6 and 7 to hybrid 2 mix- input.

Set-Up

Set the level of the “TEL” buss common feed to caller1 by adjusting pot “A”. Set the level of the “TEL” buss feed to caller 2 by adjusting pot “B”.

Set the level of the Caller 1 audio feeding Hybrid 2 by adjusting pot “D”, and set the level of the Caller 2 audio feeding Hybrid 1 by adjusting pot “C”.

Set the hybrid nulls and other adjustments by following the manufacturer’s directions.

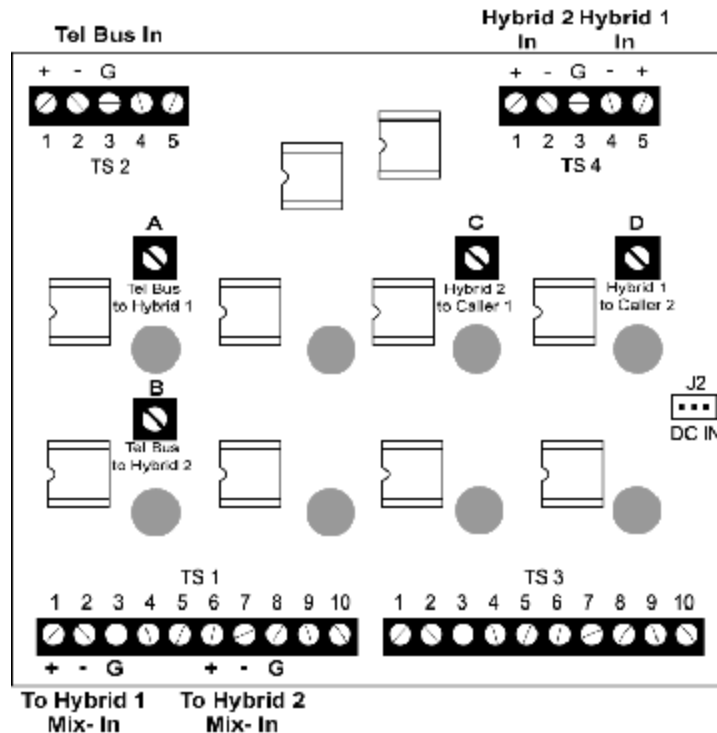
Operation

The internal card will automatically feed audio from Caller 1 to Caller 2 and vice-versa.

For callers to hear any other audio sources (including jock mic), depress the console’s “TEL” switch for that source.

To put the callers on the air, depress the console’s program buss switch for that caller.

Do not depress the “TEL” buss switch of either phone channel.



Information Grid	
Manufactured Date:	1995-Present
Status:	Current
Application:	RS-Series / Millenium-A / Millenium-D Console
Notes:	

radio
SYSTEMS

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