



# MAINTENANCE MANUAL

## INTERFACE PANEL 19D904009G19

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### SPECIFICATIONS\*

#### MECHANICAL

<b>Length</b>	Standard 19-inch rack mount
<b>Height</b>	3 rack units (5.25 inches)

#### EXTERNAL CONNECTIONS

<b>Connector Type</b>	50-pin Champ®
<b>Total Connectors</b>	8
<b>Connectors Per Interface Board</b>	2

#### INTERNAL CONNECTIONS

<b>Connector Type</b>	6-position 4-conductor modular jack (RJ-12)
<b>Total Connectors</b>	48
<b>Connectors Per Interface Board</b>	12

\* These specifications are intended primarily for the use of the serviceman. See the appropriate Specifications Sheet for complete specifications.

### DESCRIPTION

Interface Panel 19D904009G19 is used in the DVIU cabinet to provide audio and relay signalling connections between the DVIUs and the CEC/IMC Digital Audio Switch. In the DVIU cabinet, the panel is mounted on the rear mounting rails at the uppermost rack positions. See the Application Assembly Diagram in LBI-39041 for specific rack-up details.

The panel consists of four (4) Interface Modules mounted on a steel frame. Each Interface Module has twelve (12) telephone-style 4-conductor modular jacks and two 50-pin Champ-type connectors. All fourteen connectors are wired together as shown in LBI-38813.

In DVIU applications, two of the modules provide audio interconnections and two provide relay contact (M-lead signalling) "PTT" interconnections. As shown on the Assembly Diagram in this manual, the two Interface

Modules used for audio interfacing are mounted in the two left-most positions of the frame (as viewed from the rear of the cabinet) and the two modules used for relay contact interfacing are mounted in the two center-most positions of the frame. All Interface Modules are labeled accordingly, either "AUDIO" or "RELAY", and the supported DVIU channel numbers are indicated.

interfacing supports **one** DVIU channel – the TX and RX pairs. A modular jack used for M-lead relay contact interfacing supports **two** DVIU channels. RJ-12 connectors on the cables from the DVIUs plug to the modular jacks. See LBI-39041 for specific cable interconnections. The Interface Module wires J1 - J12 (four wires per jack) to the 50-pin Champ connectors, J14 and J15.

**NOTE**

Some DVIU cabinets do not use the second relay Interface Module if the relay connections are not required. In addition, if the DVIU cabinet is equipped with eight (8) or less DVIUs, the second audio Interface Module is not used.

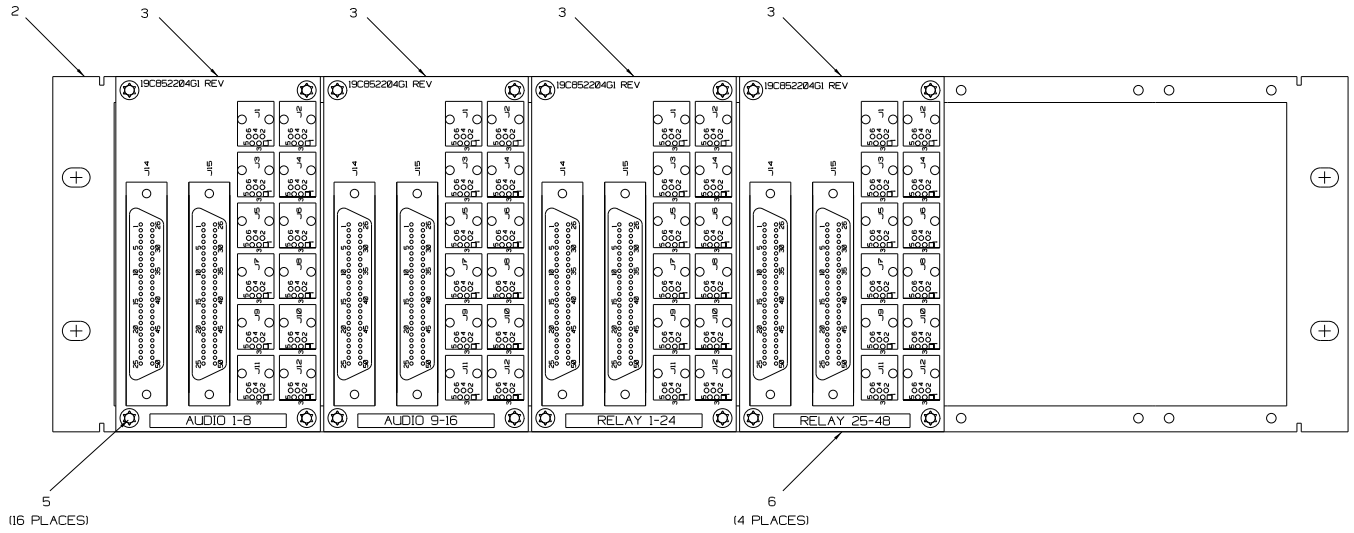
**NOTE**

See LBI-39041 for complete audio and relay cable interconnection details between the CEC/IMC and the DVIU cabinets. Also see LBI-39041 for in-cabinet CEC/IMC and DVIU cabling.

The twelve (12) modular jacks on the Interface Module are identified as J1 thru J12. As shown in LBI-38813, only four positions (contacts) – 2 pairs – in each 6-position modular jack are used. A modular jack used for audio



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**PARTS LIST**  
INTERFACE PANEL  
19D904009G19

ISSUE 1

SYMBOL	PART NUMBER	DESCRIPTION
2	19D903881P1	Frame, mounting.
3	19C852204G1	Interface Module (Qty = 4; see LBI-38813 for breakdown).
5	19A702381P506	Screw, thread forming, pan head (Qty = 16).
6	344A4111P1	Nameplate.
		----- ASSOCIATED PARTS ----- (parts from CCCN3R Package)
	344A4111P1	Nameplate.
	19C852407P3	Support, steel.

**INTERFACE PANEL**  
**19D904009G19**

(19D904009 Sh. 19, Rev. 0)