

INTEGRATED DIGITAL SERVICES TERMINAL

REMOTE INPUT/OUTPUT CARD

CONTENTS	PAGE
1. GENERAL	1
2. DESCRIPTION	1
3. COMMANDS	1
4. FACEPLATE INDICATORS	3
5. CARD STRAPS	3

Figures

1. RIO Card Block Diagram	2
2. RIO Card Faceplate Indicators	3
3. RIO Card Straps	4

1. GENERAL

1.01 This practice provides information about the IDST Remote Input/Output (RIO) card (part number 090-56020-01).

1.02 Whenever this practice is reissued, the reason for reissue will be given in this paragraph.

1.03 The RIO card resides in the SIO9 slot of the IDST Maintenance Shelf.

2. DESCRIPTION

2.01 The RIO card is an interface between the CID and MS cards in both Common Equipment Shelves. There are no provisioning commands for the RIO card. Upon power-up, the RIO card performs a self test. If no problems are found, the ALARM and STATE lamps are lit green. If problems are found, the ALARM lamp lights red and the STATE lamp goes off.

2.02 Figure 1 shows a simplified block diagram of the RIO card. The RIO card communicates with the CID card through an asynchronous 38.4-kb/s interface. Synchronous 19.2 kb/s interfaces are used to communicate with the MS cards.

2.03 The microprocessor routes commands from the CID card to the appropriate interface en route to the MS1 or MS2 card. Messages from the MS cards are routed by the microprocessor to the CID card.

3. COMMANDS

3.01 No commands are required to enter, restore, remove, or delete a RIO card.

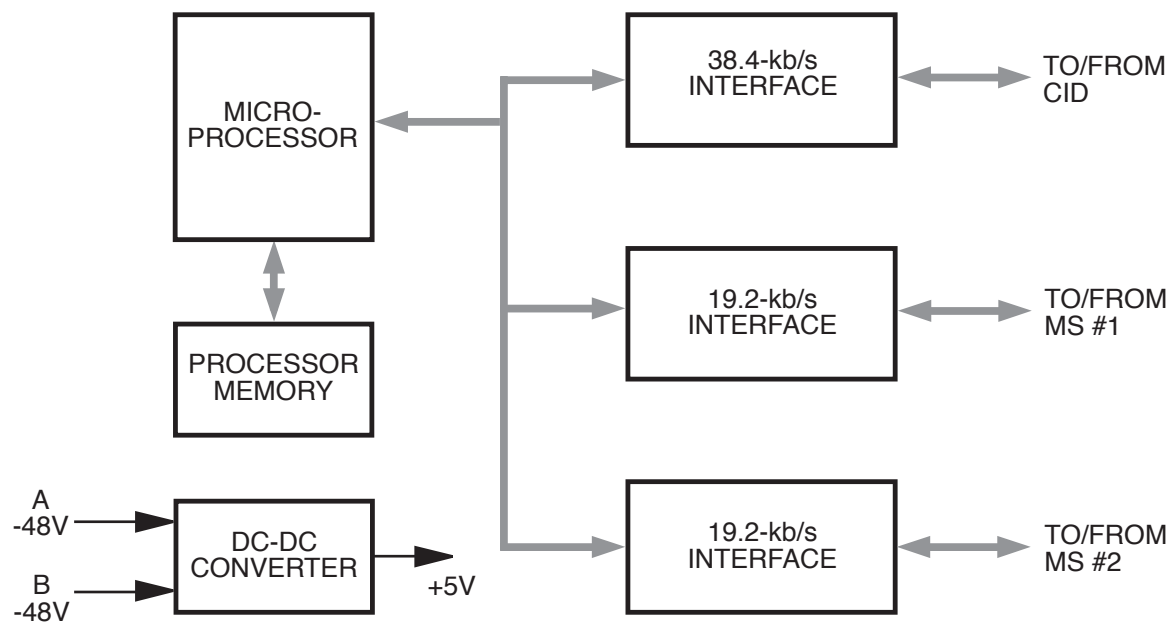


Figure 1. RIO Card Block Diagram

4. FACEPLATE INDICATORS

4.01 Figure 2 is a drawing of the RIO card faceplate indicators.

5. CARD STRAPS

5.01 Figure 3 is a drawing of the RIO card straps, and their position for normal card operation. All strap positions other than the normal strap positions indicated in the figure are reserved for factory use.

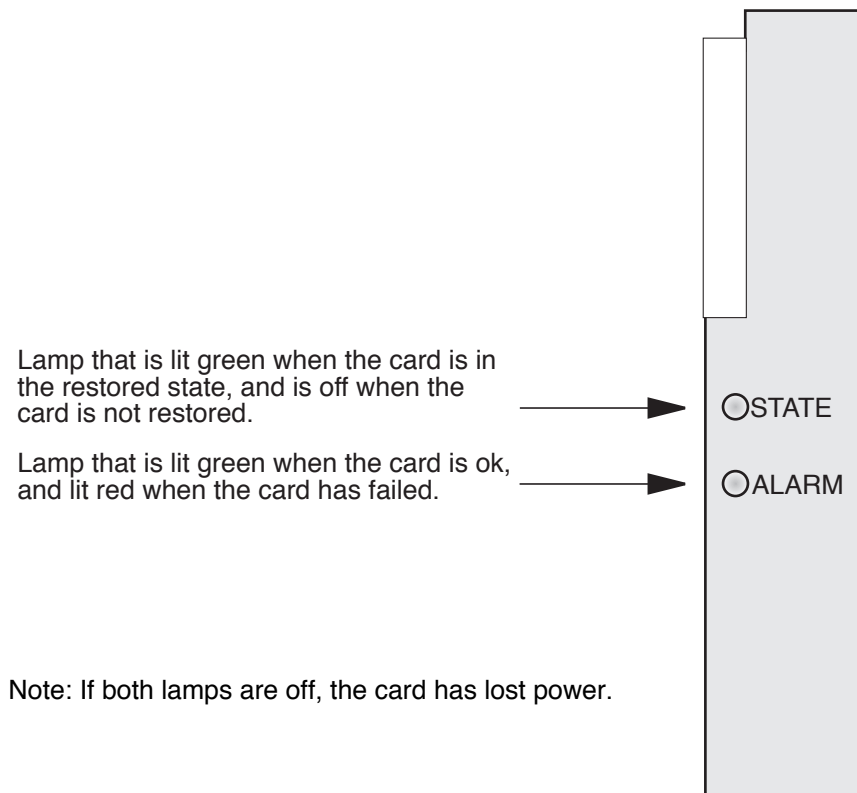
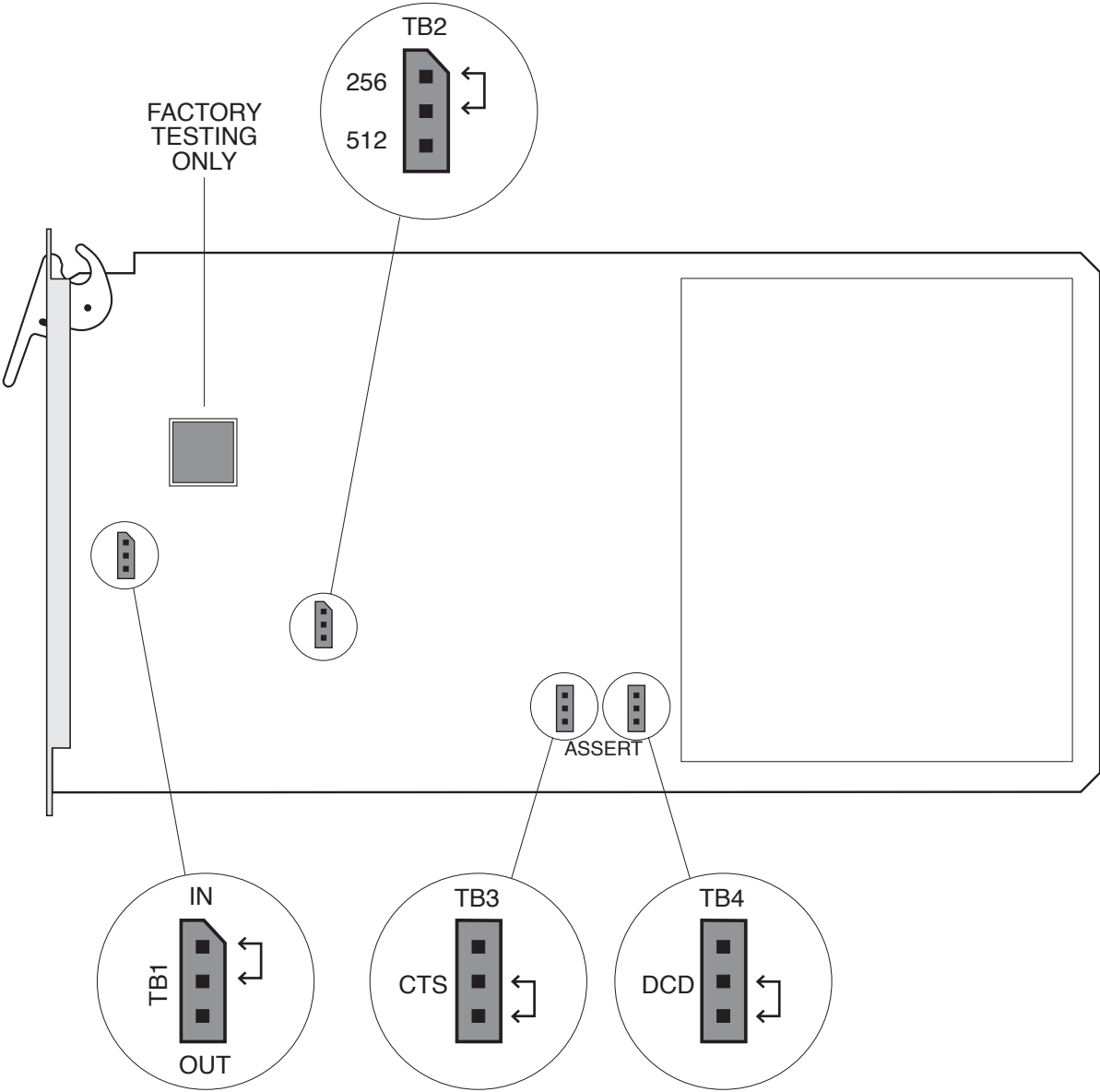


Figure 2. RIO Card Faceplate Indicators



Note: Straps are shown in normal operating position. Any change in strap position will affect the operation of this card.

Figure 3. RIO Card Straps