

SERIES 2540 DEPENDENT BUFFER SET AND SERIES 2541

BUFFER/INTERFACE SET CDAC851 ENCLOSURE

DESCRIPTION AND OPERATION

1. GENERAL

- 1.001 This addendum, which supplements Section 578-140-101, Issue 2, is issued to change the title of the section and add information pertaining to interface modules.
- 1.002 Insert the attached pages in accordance with the filing instructions above. Arrows in the margins indicate changes and additions.

Attached:

Page 1 dated May 1973, revised

Page 2 dated May 1973, revised

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DESCRIPTION AND OPERATION

CONTENTS	PAGE	
1. GENERAL . . . . .	1	located in the lower rear of the unit and there is one behind each of the power supply mounting shelves.
2. DESCRIPTION . . . . .	1	2.02 The various features of the enclosure are shown in Figures 1 through 4.
TECHNICAL DATA . . . . .	1	TECHNICAL DATA
3. OPERATION . . . . .	1	Overall height . . . . . 31 inches
COVER . . . . .	1	Overall width . . . . . 27 inches
FRONT PANEL . . . . .	1	Overall depth . . . . . 24 inches
REAR PANEL . . . . .	1	3. OPERATION
SIDE PANELS . . . . .	1	COVER
MODULE MOUNTING RACK . . . . .	2	3.01 The cover is secured by two latches, one on each side of the unit (Figure 1 or 2). Depressing both latches simultaneously will release the cover. The cover can then be lifted open to a height of 90 degrees. The cover is held open by two counterbalance arms (Figure 2). These arms are a friction type, and allow the cover to remain open at any desired height above 10 inches.
POWER SUPPLY MOUNTING SHELVES . . . . .	2	

1. GENERAL

1.01 This section provides the description and operation of a buffer or a buffer/interface set enclosure. The CDAC851 enclosure (Figure 1) provides the housing for all of the components used in these sets. This issue incorporates the latest engineering changes and additions. Issue 1 of this section was a limited printing edition and was not generally available nor distributed on a system wide basis.

1.02 Space is provided within the enclosure to store the cables used to connect the set to the transmitting and receiving devices.

2. DESCRIPTION

2.01 The enclosure houses one or two buffer or interface modules, up to two power supplies, and an operational controls cluster. There are four circulating fans within the enclosure that are used to dissipate the heat generated by the electronic components. Two fans are

FRONT PANEL

3.02 The front panel (Figure 1) is secured by two 1/4-turn fasteners. By turning the fasteners with a screwdriver, the front panel will be disengaged from the independent buffer set framework. The panel can then be lifted up and taken out.

REAR PANEL

3.03 The rear panel (Figure 3) is secured by two 1/4-turn fasteners. There are two bumper guards that must be removed before the rear panel can be taken off. By turning the fasteners with a screwdriver, the rear panel will be disengaged from the framework. The panel can then be lifted up and out.

SIDE PANELS

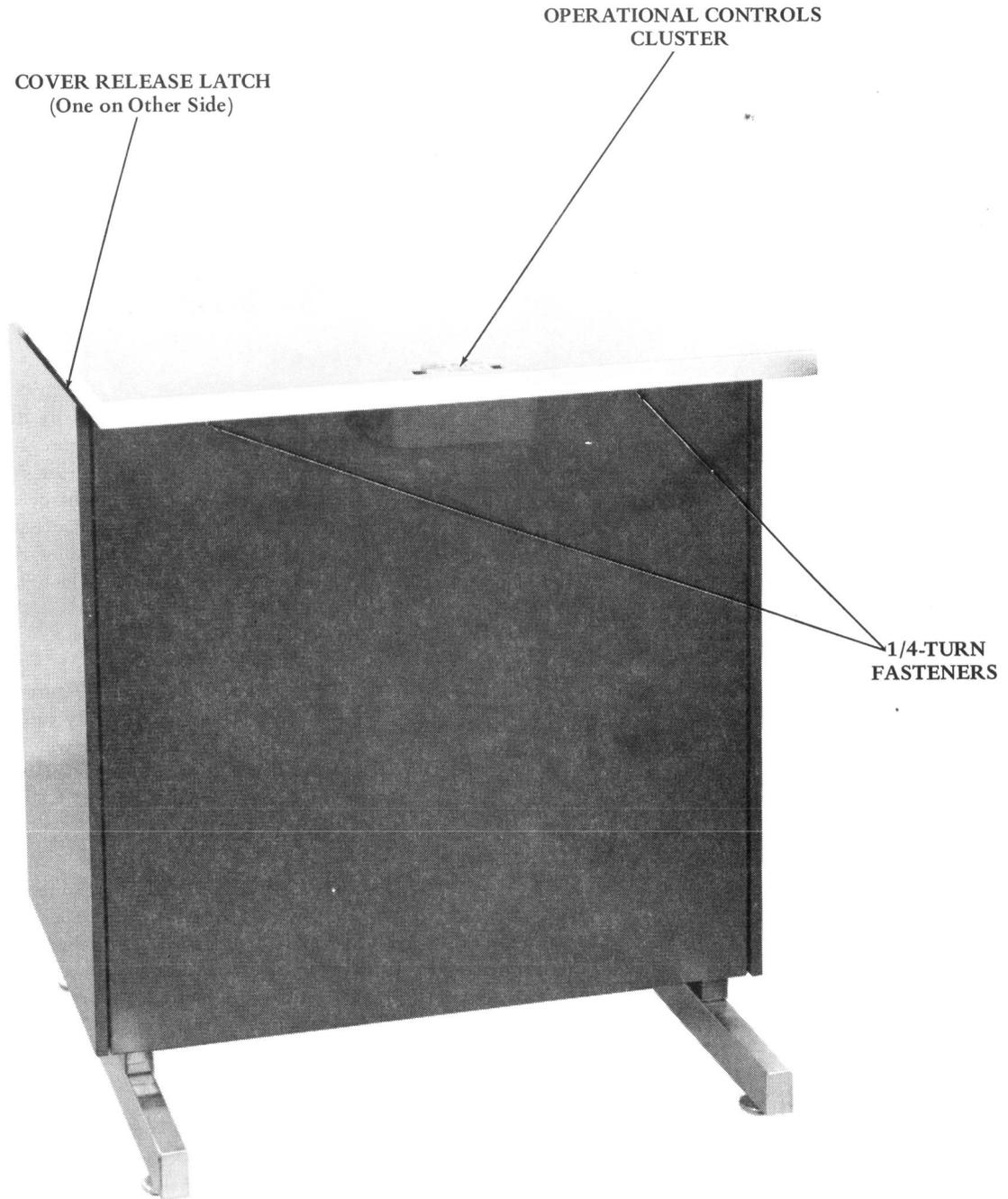
3.04 Each side panel is secured to the buffer set framework by four sheet metal screws. Both the front and rear panels must be removed before either side panel can be taken off.

MODULE MOUNTING RACK

→ 3.05 There are two module mounting racks (Figure 2) located within the enclosure. The modules are mounted vertically on the racks. The racks are spring loaded and can be locked in either the down or up position.

POWER SUPPLY MOUNTING SHELVES

→ 3.06 There are two power supply mounting shelves in the center of the enclosure. The power supply is placed on the shelf and secured with two mounting brackets.



(Front View)

Figure 1 - CDAC851 Enclosure

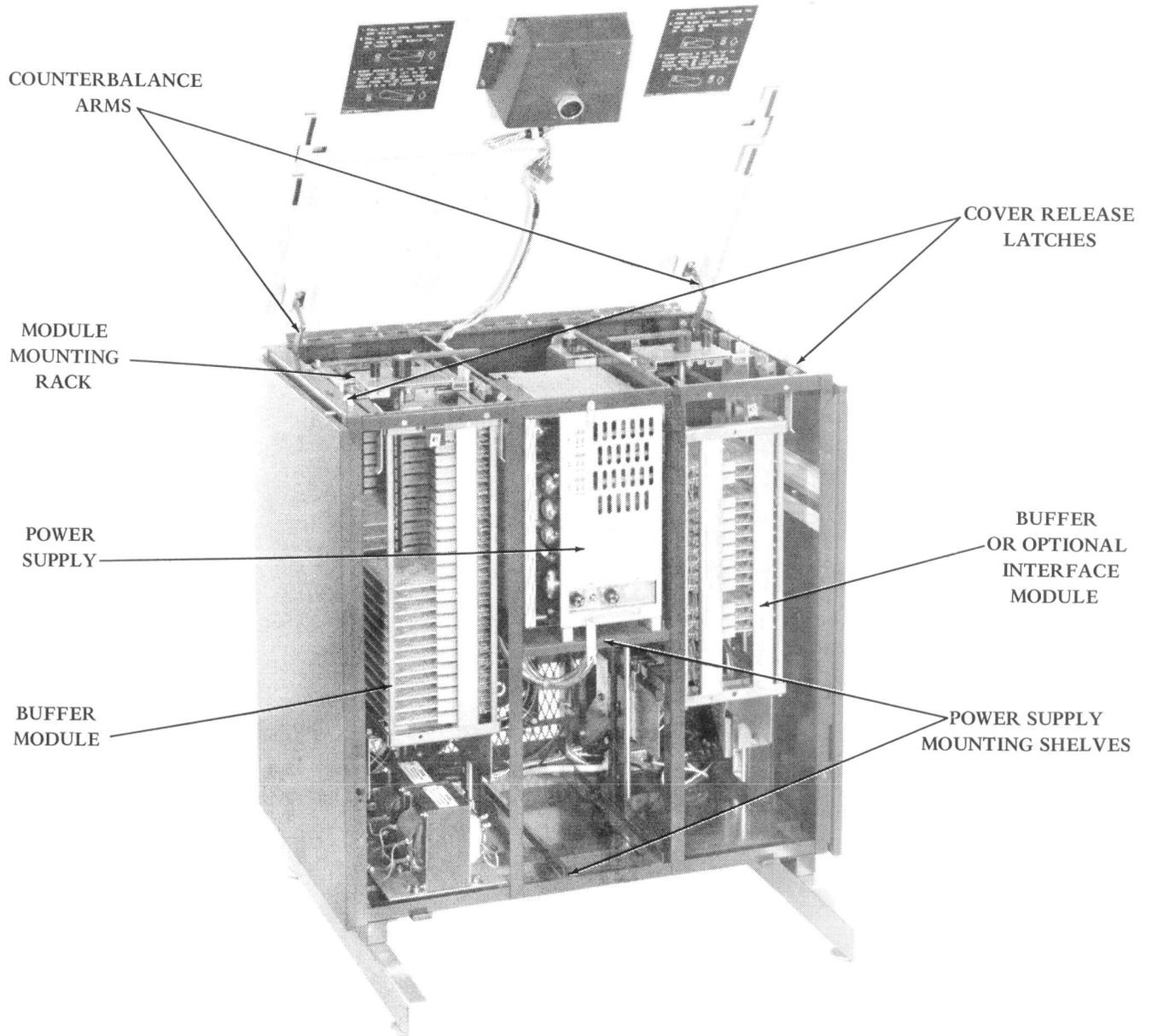
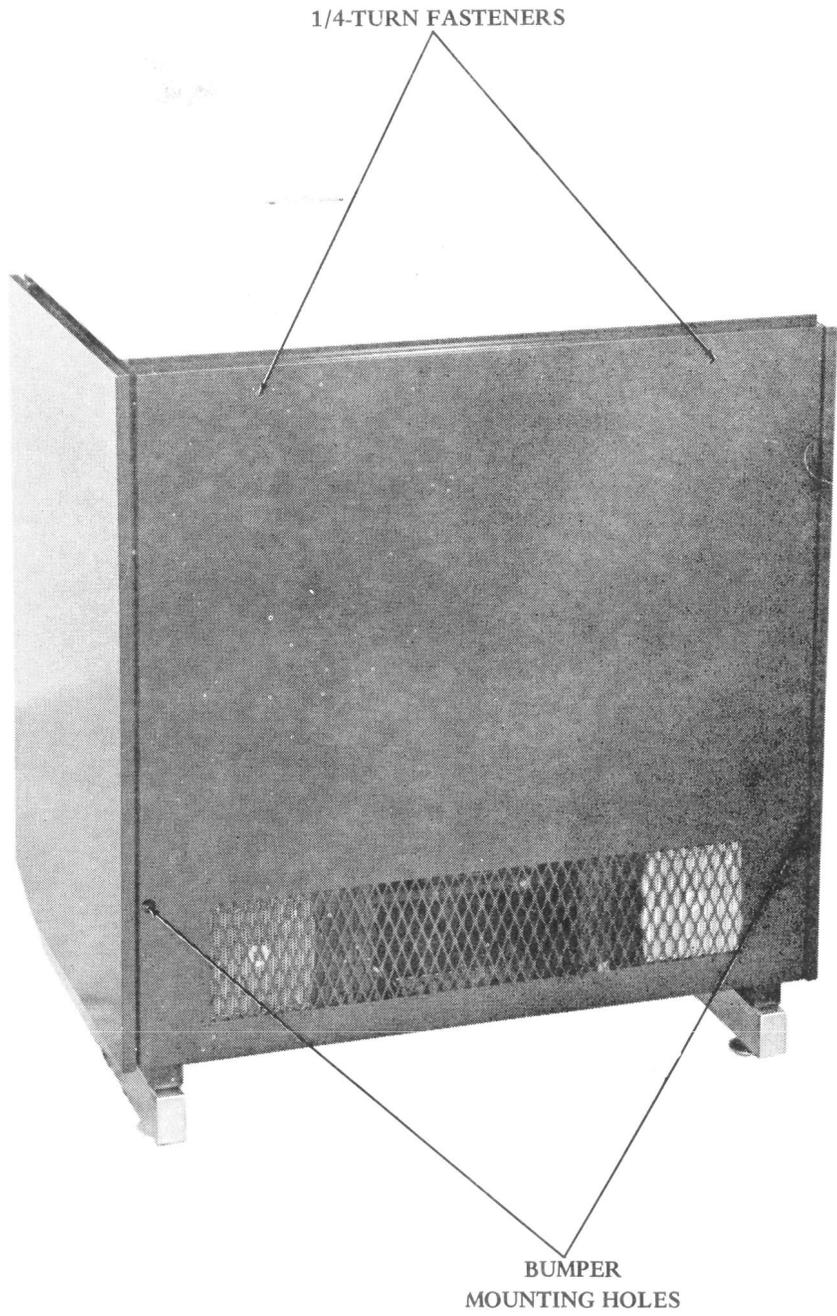


Figure 2 - Enclosure With Front Panel Removed



(Rear View)

Figure 3 - CDAC851 Enclosure

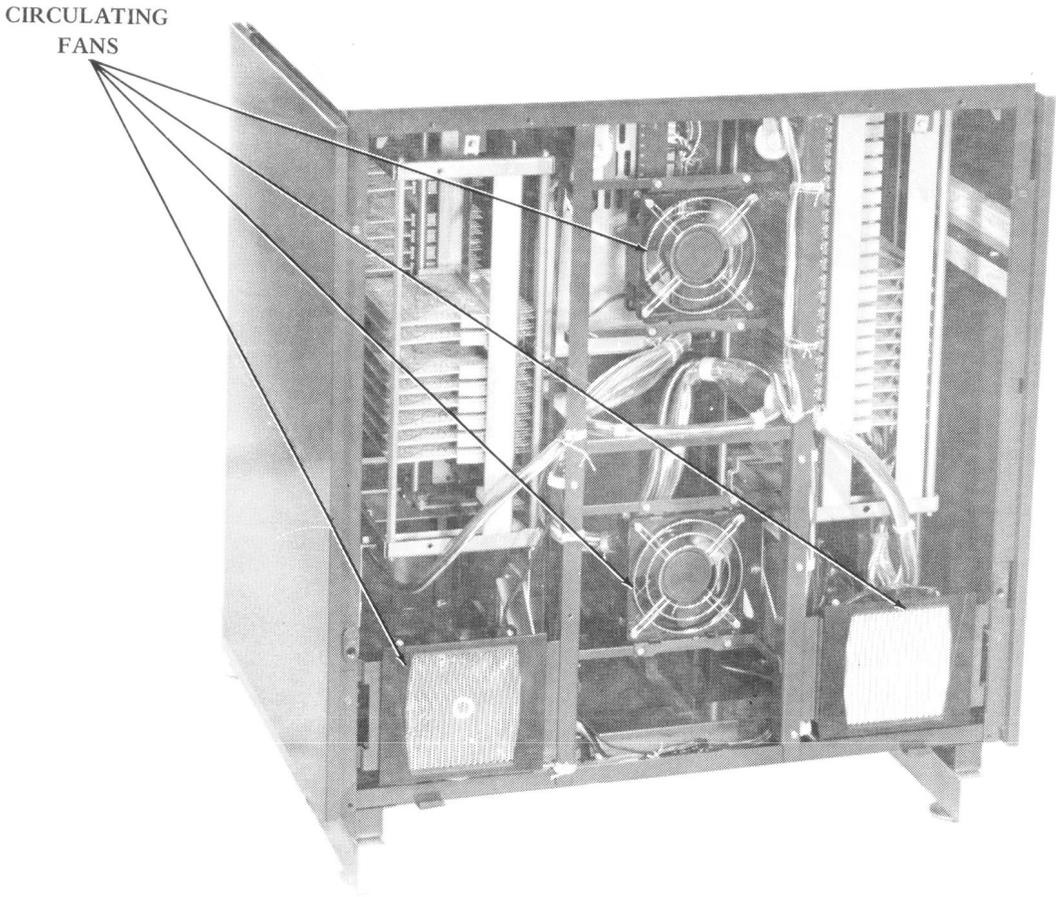


Figure 4 - Enclosure With Rear Panel Removed