

# part **2**

## **PDP-8/E OPTIONS**

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# CHAPTER 7

## PDP-8/E OPTIONS

### GENERAL

Chapter 7 contains descriptions of all the standard peripheral devices that are optionally available for the PDP-8/E computer. Section 1 deals with the mechanical expansion options. Section 2 covers the computer internal options. Section 3 describes the OMNIBUS input/output equipment options. Section 4 is concerned with the external bus input/output equipment options.

### SECTION 1 MECHANICAL EXPANSION OPTIONS

Included in this section are those options which affect the external physical properties of the PDP-8/E computer, such as cabinets and panels. Further details regarding installation of these options appear in Chapter 11 of this handbook.

#### SYSTEM EXPANDER BOXES

##### Type BA8-AA System Expander Box

The BA8-AA includes a power chassis assembly and OMNIBUS assembly, capable of accommodating up to 20 PDP-8/E modules, and a BC08H-3F Cable Set (three and a half feet in length) with rack-mountable slides included, as well as a Type KC8-EB blank front panel.

##### Type BA8-AB System Expander Box

The BA8-AB includes a power chassis assembly and OMNIBUS assembly, capable of accommodating up to 20 PDP-8/E modules, and a BC08H-3F Cable set (three and a half feet in length) with table-top cover included, as well as a Type KC8-EB blank front panel.

##### Type BE8-A OMNIBUS Expander

The BE8-A includes an additional OMNIBUS assembly, capable of accommodating up to 20 PDP-8/E modules, together with M935 Bus Connectors for expanding either the PDP-8/E, the BA8-AA, or the BA8-AB to 38 slots.

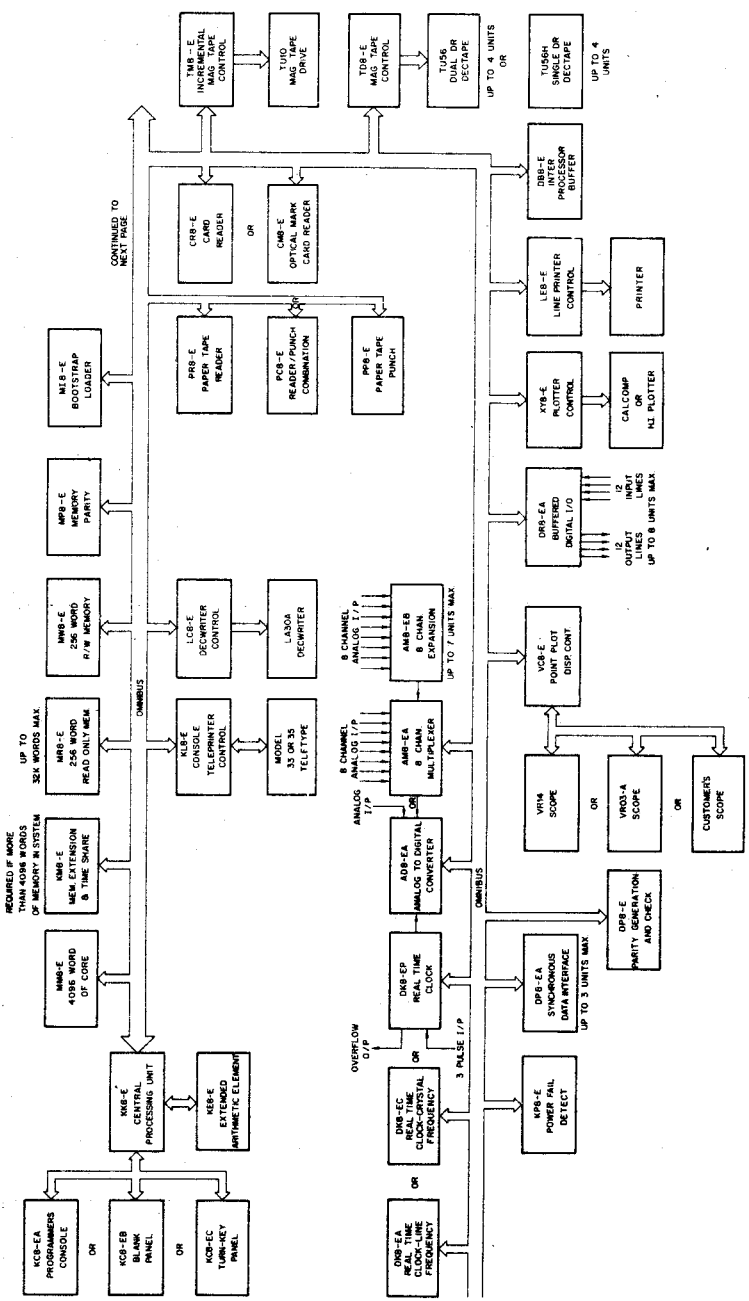
#### PANEL OPTIONS

##### Type KC8-EC Turn-Key Front Panel

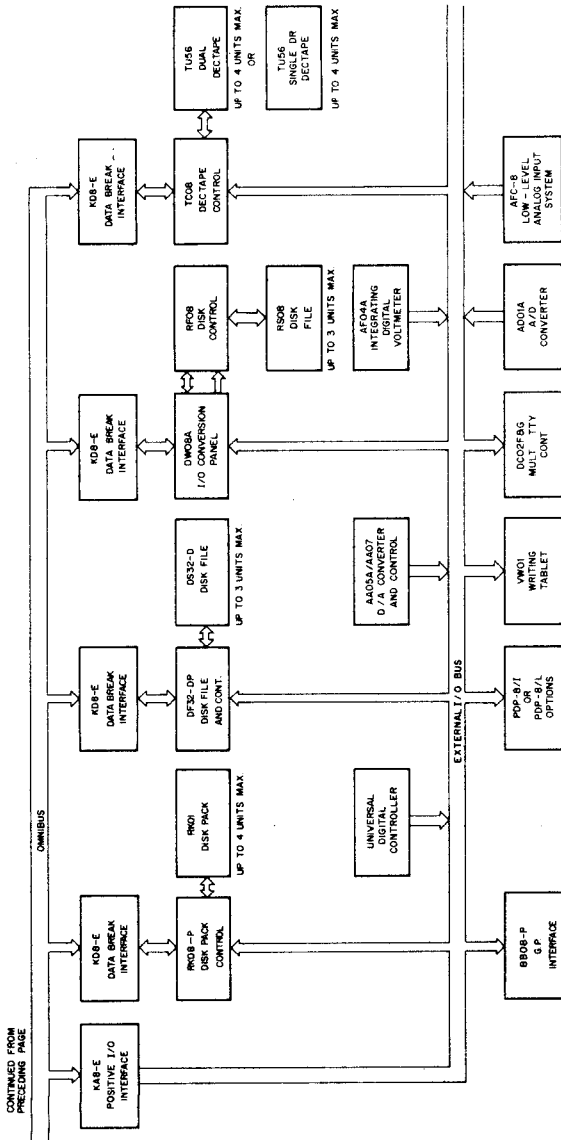
The KC8-EC panel contains a key-lock ON/OFF switch for controlling the application of power to the PDP-8/E system. The KP8-E Power Fail option is a prerequisite for using this panel. It is used as an alternate panel to the PDP-8/E.

##### Type KC8-EB Blank Front Panel

This panel can be used in place of the KC8-EA panel or the KC8-EC panel on the PDP-8/E, and is supplied with the BA8-AA or BA8-BA Expander Box option. It is used on the PDP-8/E when the system is equipped with a KP8-E, and the user wishes to switch power externally.



PDP-8/E System Block Diagram



PDP-8/E System Block Diagram (Continued)