

**HP 12898A**  
**Dual-Channel Port Controller**  
**installation manual**



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## INTRODUCTION

This manual provides installation instructions for the HP 12898A Dual-Channel Port Controller, which is an accessory for the HP 12979A Input/Output Extender. For additional information, refer to the **HP 12979A Input/Output Extender Installation and Service Manual**, part no. 12979-90006, and the **HP 12979A Input/Output Extender Operating and Reference Manual**, part no. 12979-90007.

## DESCRIPTION

The extender dual-channel port controller (DCPC) is used in conjunction with the processor dual-channel port controller to enable high-speed data transfers between processor memory and any peripheral device normally serviced through the input/output (I/O) extenders.

## INSTALLATION

Install the dual-channel port controller (DCPC) in the I/O extender as follows:

- a. On extender rear panel, set  $\sim$ LINE switch to OFF.
- b. Remove extender front panel and front I/O PCA retainer.

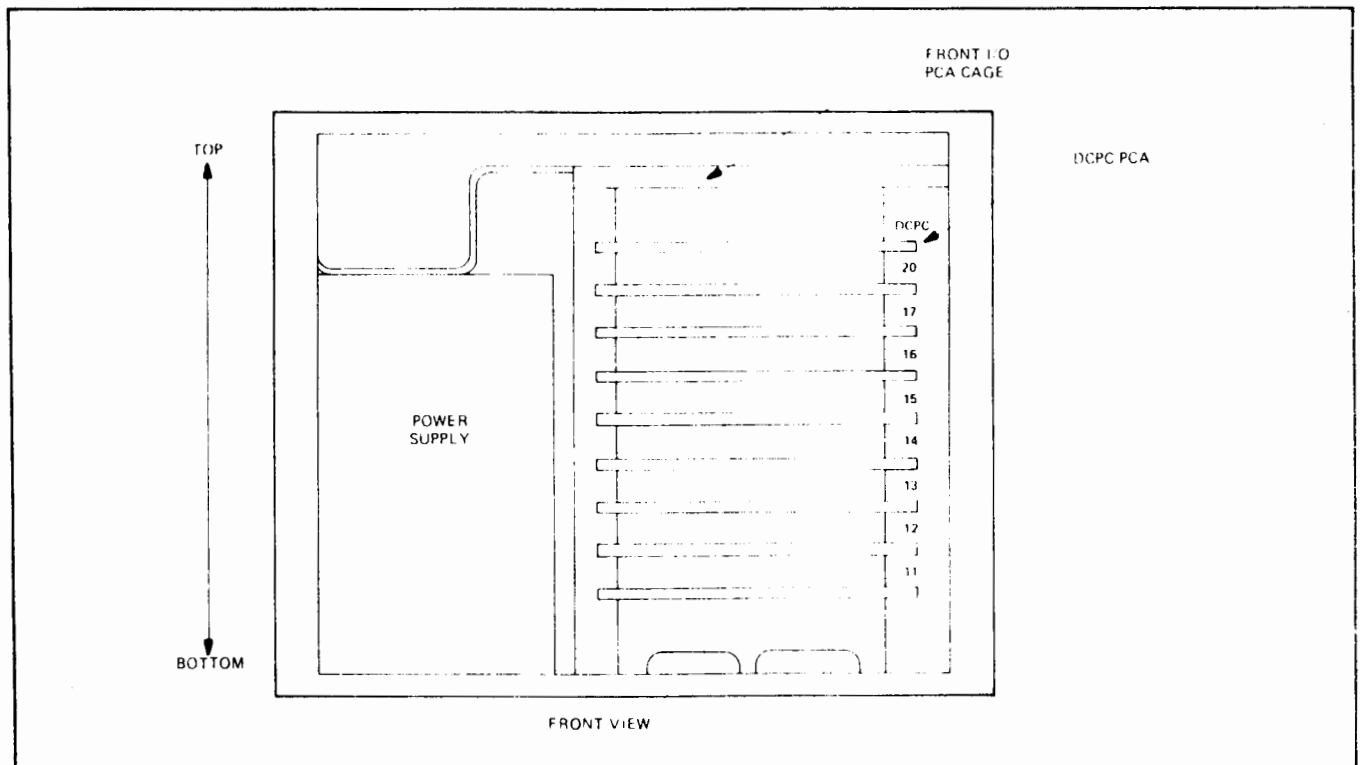
- c. Insert DCPC PCA, part no. 12898-60001, in the uppermost slot of the extender front I/O PCA cage. As shown in figure 1, the uppermost slot is labeled "DCPC."
- d. Reinstall extender front I/O PCA retainer and front panel.

## CHECKOUT

After installing the dual-channel port controller, verify proper operation by setting the  $\sim$ LINE switch to ON and perform the Input/Output Channel diagnostic test. The **Manual of Diagnostics** provides operating procedures for the diagnostic test. Part numbers for the diagnostic test are as follows:

DIAGNOSTIC	MANUAL	TAPE
Input/Output Channel	12979-90010	12979-16001

If the diagnostic test is completed without an error halt, the DCPC is operating correctly. If the diagnostic test indicates an error halt, notify your nearest HP Sales and Service Office. (A list of the HP Sales and Service Offices is given in the **HP 12979A Input/Output Extender Operating and Reference Manual**, part no. 12979-90007.)



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Figure 1. Installation Details

