



# 12589A Automatic Dialer Interface

The HP 12589A Automatic Dialer Interface Kit can be used with any HP computer equipped for data communications and a Bell 801 Automatic Dialing Unit or equivalent. The dialer interface together with the 801 allows the computer to automatically dial a predetermined phone number to access a remote terminal for data transmission. Automatic calling can be used with HP asynchronous or synchronous interface kits. All circuits are contained on a single interface card that plugs into a computer I/O slot.

## Features

- Plug-in compatibility with 21MX series and 2100 series computers
- EIA RS-232-C and CCITT V.24 compatible
- Operates in conjunction with Bell 801 Automatic Dialing unit or equivalent
- May be used with any HP synchronous or asynchronous communications interfaces

When placed in operation, the dialer interface card is initialized by instructions and control words from the computer. The dialer interface then indicates to the dialing device that the computer is ready to initiate a call. When the dialing device is ready for operation, the computer outputs the numbers to be dialed. At the completion of dialing, the dialing device switches the transmission line to the data set to allow data transmission. Remote terminals calling into the system are routed directly to the data set for automatic answer and subsequent data transmission.

### DEVICE STATUS LINES

Power indicator	(PWI)
Present Next Digit	(PND)
Data line occupied	(DLO)
Data Set Status	(DSS)
Abandon Call and Retry	(ACR)

### DEVICE CONTROL AND DIALING LINES

Call Request	(CRQ)
Digit Present	(DPR)
Four Digit Leads (NB1, NB2, NB4, NB8)	

## Product Specifications

### COMPATIBILITY

Used with Bell 801A or 801C Automatic Calling Unit or equivalent

### INTERFACE LEVEL

EIA RS-232-C, CCITT V.24

### POWER REQUIREMENTS

- 0.65A (+4.5V)
- 0.05A (+12V)
- 0.055A (-12V)
- 0.050A (-2V)

## Product Support

### EQUIPMENT SUPPLIED

- Automatic Calling Unit Interface Card (12589-6001)
- Interconnecting Cable Assembly (12589-6004)
- Test Connector Assembly (12589-6005)
- Interface Diagnostic (24217-60001)
- Operating and Service Manual (12589-90002)

### ORDERING INFORMATION

HP 12589A Automatic Calling Unit Interface





Sales and service from 172 offices in 65 countries.  
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