

HP-41 System Demo

Purpose:

To demonstrate HP-41, Time Module, Digital Cassette Drive, Thermal Printer/Plotter, and/or Video Interface at point of sale.

A copy of this demo may be found on the cassette shipped with every HP 82161A Digital Cassette Drive. The demo is expandable and will accommodate future peripherals as they become available.

Minimum Required Equipment:

1 HP-41CV (or HP-41C with Quad-Memory)

1 HP 82160A HP-IL Module

1 HP 82161A Digital Cassette Drive (with Demo Cassette installed)

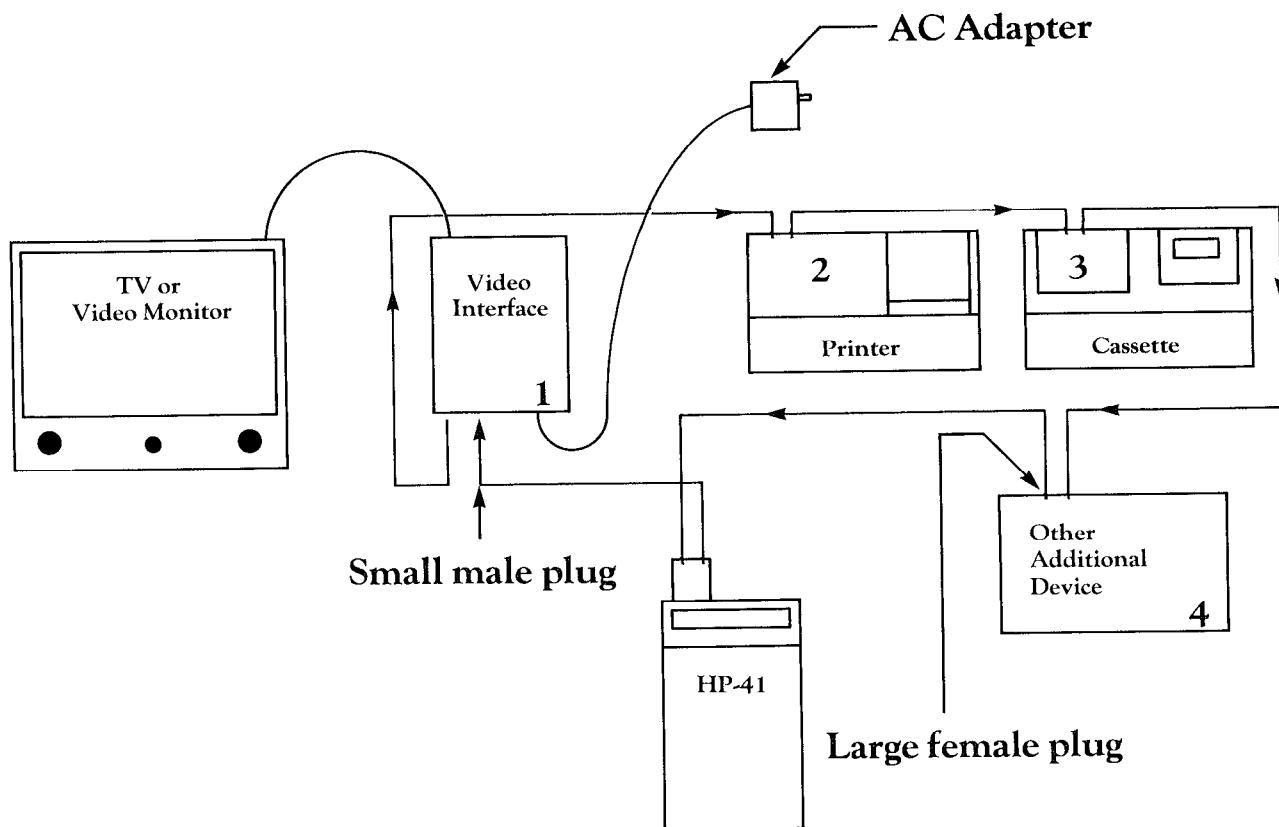
Note: Either the HP 82162A or the HP 82163A/B is required to run each demo.

Recommended Additional Equipment:

DESIRED DEMO	REQUIRED EQUIPMENT						
	HP 82162A Thermal Printer*	HP 82163A/B Video Interface	HP 82180A Extended Functions Module	HP 82182A Time Module	HP 3468A Digital Multi-meter	HP 82905B 80-Column Printer	HP 7470A (opt 003) and HP 82184A
DISPLAY							
KEYS							
PRINTER	X						
PRINT PLOT	X						
TIME MODULE				X			
STOP WATCH					X		
ALARM					X		
EXTENDED FUNCTIONS			X				
CASSETTE DRIVE							
VIDEO INTERFACE		X					
DIGITAL MULTI-METER						X	
BAR CODE, PRINTER	X		X				
80-COLUMN PRINTER							X
PLOTTER MODULE							X

*The HP 82143A Peripheral Printer may be used in lieu of the HP 82162A Printer for the "PRINTER" and "PRINT PLOT" Demos
CAUTION: The Printer Select switch MUST be placed in the "DISABLE" position to allow this option. Some Printer Functions, such as FMT and PARSE, will not operate with this printer.

System Configuration



Note:

If the Video Interface is used, it is important that it be the first device in the loop. If the Video Interface is not used, order of devices is immaterial.

If the Video Interface is used, some demos that refer you to the printer may actually display on the video screen. (The Video Interface is treated the same as a printer by the HP-41.)

The cassette drive should be positioned as far from the video monitor as possible. The monitor produces a magnetic field (as does a TV set, CRT, etc.) that may interfere with cassette operation.

To Start Demo:

Configure the system as previously shown. Place Demo Cassette in the Cassette Drive. Turn all peripherals ON, then turn the HP-41 on.

Press the following keys:

ALPHA **AUTOST** **ALPHA**
XEQ **ALPHA** **READA** **ALPHA**

After a brief pause, the system printer will instruct you on further use of the demo program. The first time you run the demo you will need to tell the HP-41 the time and date, and the location of the demo. Answer "yes" to the initialization prompt by pressing **Y** **R/S**. After you have set the time and date in the initialization sequence they should remain set indefinitely. Thus, on subsequent start ups, answer **N** **R/S** for this prompt, unless you wish to reset time or date.

The program will remain in the calculator until someone clears it. Each time the calculator is turned on the display will automatically label the A through E keys in the top row. These key labels tell you which key in the top row to press for a particular demo. The **E** key is always associated with an up arrow. Pressing the **E** key rolls the demo choices up and gives you a new set of choices. Pressing the gold key then the **E** key rolls the demo choices down and gives you access to the previous set of demos. If the demo program seems lost, pressing the **E** key will usually recover it.

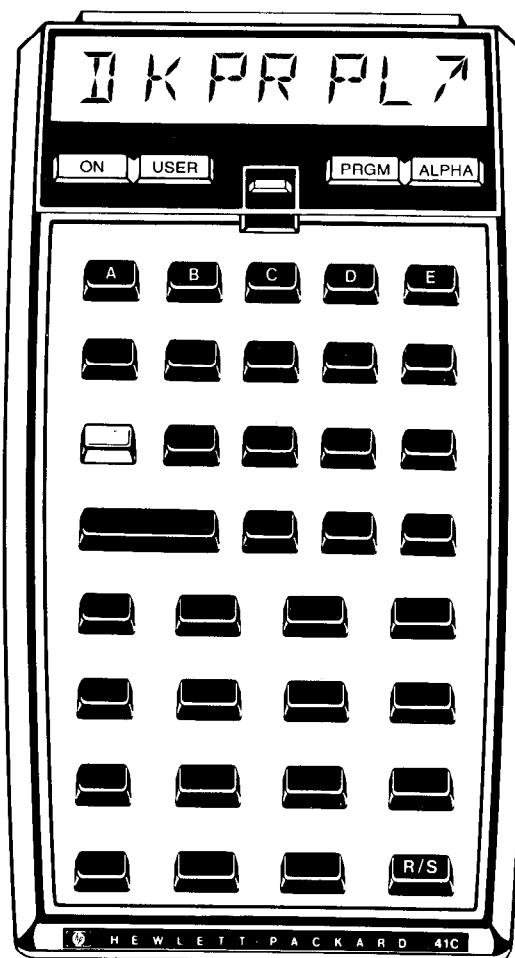
See the next page for a complete list of demo programs and a typical display format for this demo.

To Select Demos:

Press the top row of keys to select the desired Demo.

The previous abbreviations in the HP-41 display refer to individually selectable Demos that may be activated by pressing the key below it. To select a demo, press only one key in the TOP ROW. For instance, to run "D" (Display) Demo press **A**. The **E** key provides other choices. Responses to other questions asked by the HP-41 should be followed by **R/S**.

D I S P L A Y	DEMO CHOICES	P R E K S E S Y
D K PR PL	DISPLAY KEYS PRINTER PRINT PLOT	A B C D
TM SW A XF	TIME MODULE STOP WATCH (CHRONO) ALARM EXTENDED FUNCTIONS	A B C D
C V DM BP	CASSETTE DRIVE VIDEO INTERFACE DIGITAL MULTI-METER BAR CODE, PRINTER	A B C D
P8 GP PM ? ↗	80-COLUMN PRINTER GPIO INTERFACE PLOTTER MODULE WITH HP 7470 FUTURE DEVICE MORE CHOICES	A B C D E



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