POCKET PRINTER BUFFER

EB-120

User's Manual

Packing Checklist

- A Pocket Printer Buffer, EB-120.

- A power adapter DC 9V, 100mA (minimum).

- A Pocket Printer Buffer, EB-120 User's Manual.

Introduction

Parallel buffer EB-120 is ideal for buffering data from PC to Centronics printer. Its 256K/1M Bytes memory and 40K Bytes/sec high throughput enable PC send file at its top speed then release from the print job quickly. Files are efficiently and automatically compressed to 20% to 80% of its original size. Simply connect EB-120 do the time consuming print job.
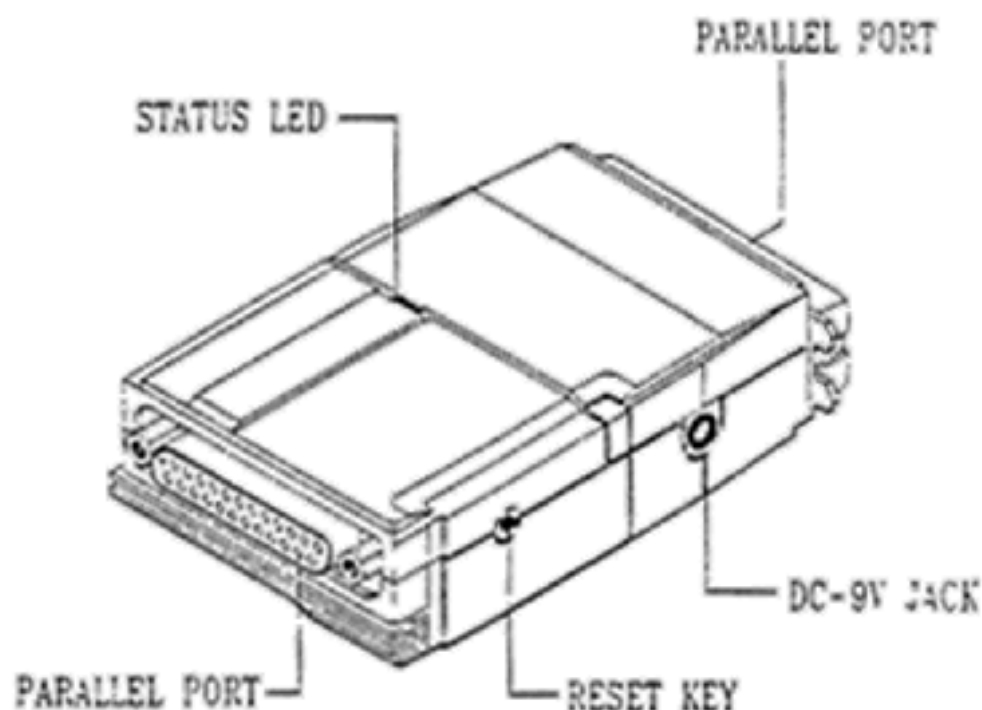

Figure 1-1 The EB-120 's External View

Installation

Installation Procedures

STEP 1: Connect EB-120's C-36 connector to printer.

STEP 2: Connect EB-120's 25-pin connector to PC's LPT port by one 25-to-25 male-to-male cable.

STEP 3: Set the printer ready.

STEP 4: Set the PC ready.

STEP 5: Plug DC 9V power adapter to EB-120's power jack.

STEP 6: EB-120's LED flashs for self-test after powered on.

STEP 7: When the LED stays on, EB-120 is ready for use.

Interconnected Condition

The application cable between PC and EB-120 should be a male to male, 25-pin to 25-pin cable. We suggest you to config the connection among PC, EB-120 and printer with only one cable. EB-120 can be plugged into printer's port directly without cable.
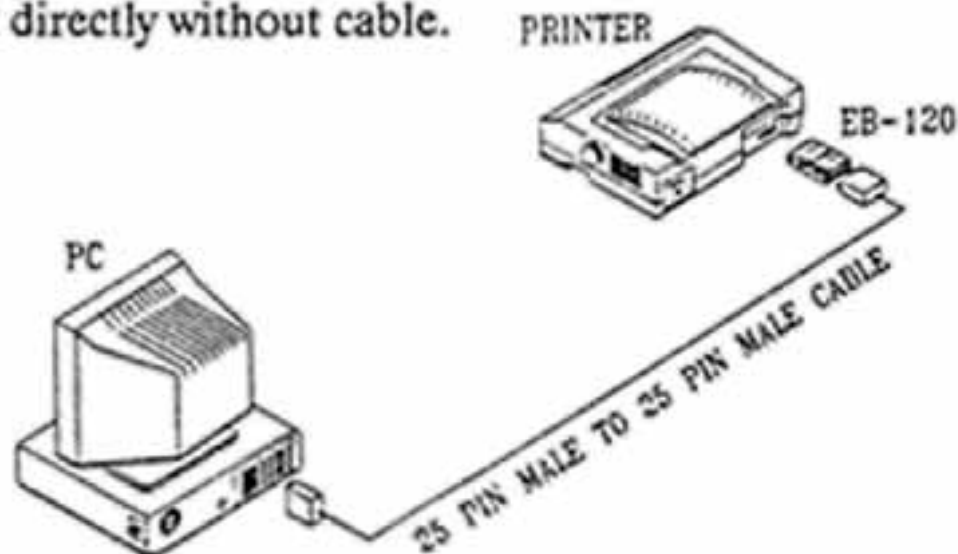
Figure 1-2 A Parallel to Parallel Interface Connection

EB-120 Specifications

FUNCTION		SPECIFICATION
Power Consumption		DC 9V, 100mA (maxmum) *
Cable Distance		Up to 33 Feet (10m)
Connector	IN	DB-25 Female
	OUT	Centronics 36-pin, Male
Memory Size		256K/1M Bytes
Status Indication		1
Data Compression		Auto
Function key		Reset key
Buffer Speed		20K - 40K Bytes/sec.
Weight		105g
Dimensions		101 x 62 x 25.5mm

* EB-120 may work perfectly without power adapter on certain printers. Please check printer's User's Manual and see if pin #18 provides power.
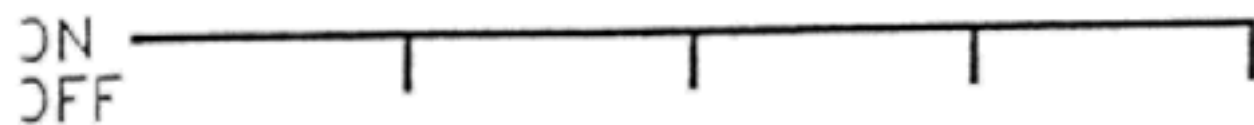
LED Status Indication

On power up, EB-120 performs 4-second memory self-test. It goes to Normal mode and waits for data if it passes. If it doesn't, EB-120 repeats self-test till it passes.
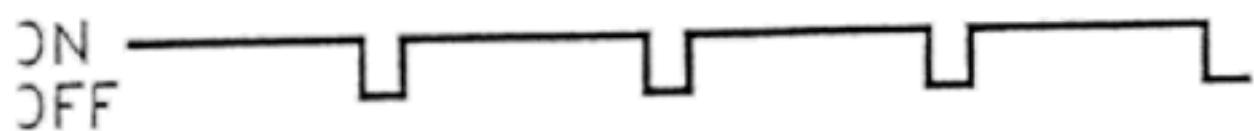
LED flashes for the followings:

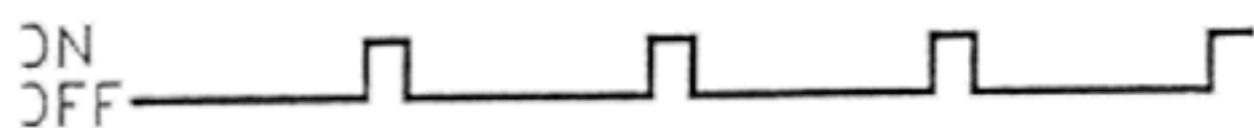1. Memory self-test:

> flashes 1 second, off 1 second and repeats
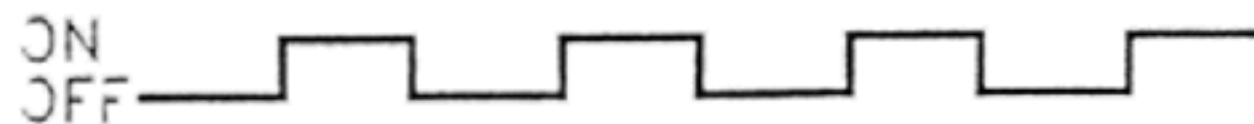
2. Normal mode; waits for data:

ON
OFF

3. Buffering data:

ON
OFF

4. Buffer is full:

ON
OFF

5. Error encounters:

ON
OFF

Troubleshooting

Defective Status	Possible Cause of Trouble	Corrective
Status LED indicator does not come on.	1. No power. 2. Improper PC reset or printer reset.	1. The DC adapter is fully operational. 2. Reset the EB-120.
Printer can't print words	1. Connectors are not properly plugged-in. 2. The PC, printer, EB-120 has not been set ready for DATA print.	1. Make sure the connectors are properly plugged-in. 2. Reset the PRINTER, EB-120 and check PC parallel port.
Data printed is not correct.	1. Connectors are not properly plugged-in. 2. EB-120 buffer have no correct DATA. 3. PC sends one erroneous byte on reset.	1. Make sure the connectors are properly plugged-in. 2. Reset the EB-120.

If failure of printing is still exists upon aforesaid solutions, please contact your dealer for help.