WP-600

CONNECTING APPLICATIONS GUIDE BOOK

FORWARD

1. Please remember to read "Section 2, Word processing operation, 13, File transmission" and "Section 3, Terminal", in owners manual for WP-600, before reading this manual.

2. If you use WP-600 as an output printer for personal computer, personal computer must be equiped with RS-232C interface as well, and have proper software to support RS-232C.

3. As for ⌜ CODE ⌟ in connecting conditions explained in this manual, it is supposed for personal computer which corresponds to ASCII code.
   If it does not correspond to ASCII code, please change ⌜ CODE ⌟ to B: Typewriter code or C: Personal computer code from ASCII code.

   And, according to the program of host, please change the placement of ⌜ AUTOMATIC LINE FEED ⌟.

4. Please ask for the CA50-2, -5, -8, -9 at the shop where you bought WP-600.

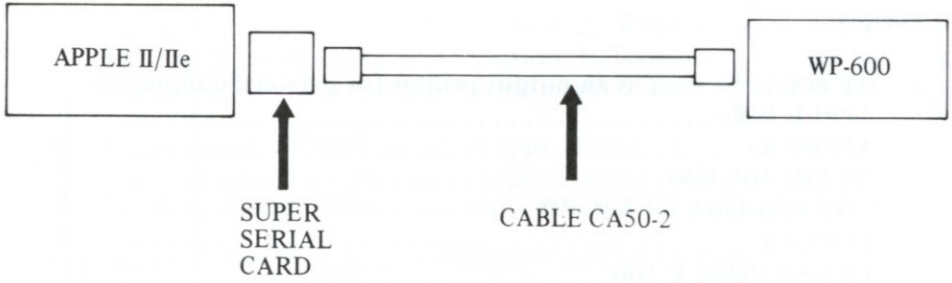
5. Printing buffer of WP-600 can be used up to 256 byte under text memory-full status, and under non-file in memory status, approx. 14.5K byte at maximum.
   When non-file is text memory, even if transfer speed is increased, printing can be lasted for a while without omitting data.
   In this guide book, it is described, as a rule, under the status that WP-600 is in text memory-full.

INDEX

APPLE II/IIe (APPLE Computer)

WP-600 to be used as an output printer for personal computers.

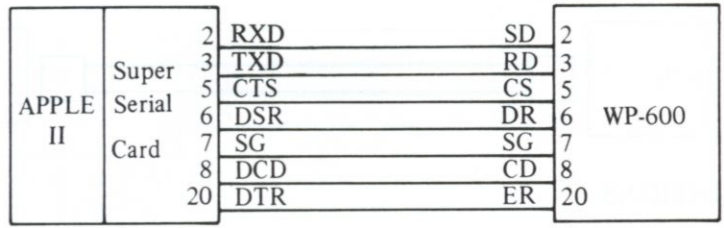
1. CONNECTION



2. CONNECTING CONDITIONS

	APPLE II/IIe	
BAUD RATE	300	1200
BIT LENGTH	8	8
STOP BIT	1	1
PARITY	NONE	NONE
DIP SWITCH 1	ON-1, 4, 6, 7	ON-2, 3, 4, 6, 7
	OFF-2, 3, 5	OFF-1, 5
DIP SWITCH 2	ON-1, 2, 4	ON-1, 2, 4
	OFF-3, 5, 6, 7	OFF-3, 5, 6, 7

	WP-600
BAUD RATE	300/1200
CODE	ASCII
PARITY	NONE
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	Y



3. HOW TO USE

APPLE II/IIe

(a) Print out the program list.

```
PR #1
LIST
PR #Ø
```

(b) Program Run

```
10   PR #1
20   PRINT "□□□"
30   PR #Ø
```

* Ø = Zero

WP-600

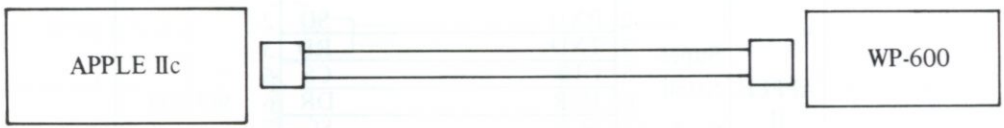
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AN8E1 (300 baud)
6AN8E1 (1200 baud)

APPLE IIc (APPLE Computer)

WP-600 to be used as an output printer for personal computers.

1. CONNECTION



2. CONNECTING CONDITIONS

APPLE IIc

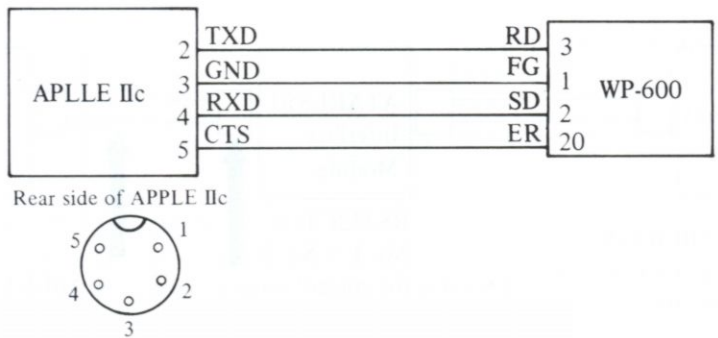
A utility program called "Setup Serial Port" of "Pro Dos" should be used (for application, refer to the relevant manual).

BAUD RATE	1200
BIT LENGTH	7
PARITY	NONE
STOP BIT	2

Set APPLE IIc as follows:
243/1111 (1200 baud)

WP-600

BAUD RATE	1200
CODE	ASCII
PARITY	NONE
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	Y



3. HOW TO USE

APPLE IIc

(a) Print out the program list

```
PR #1
LIST
PR #Ø
```

(b) Program Run

```
10  PR #1
20  PRINT "□□□"
30  PR #Ø
```

* Ø = Zero

WP-600

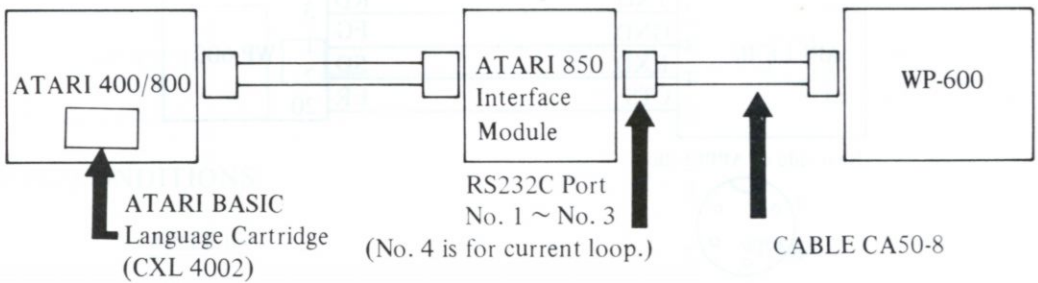
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 6AN8E1 (1200 baud)

ATARI 400/800

WP-600 to be used as an output printer for personal computers.

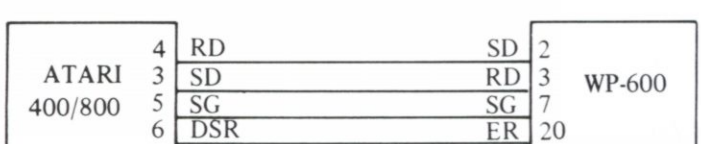
1. CONNECTION



2. CONNECTING CONDITIONS

ATARI 400/800	
BAUD RATE	75
BIT LENGTH	8
STOP BIT	1
PARITY	NONE

WP-600	
BAUD RATE	75
CODE	ASCII
PARITY	ZERO
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	Y



3. HOW TO USE

ATARI 400/800

(a) Print out the program list.

```
XIO 36, #1, 4, 4, "R1:"
LIST "R1:"
```

(b) Program Run

```
10    OPEN #1, 8, Ø, "R1:"
20    XIO 36, #1, 4, 4, "R1:"
30    PRINT #1, "□□□"
40    CLOSE #1
```

* R1 = Port No.
* Ø = Zero

WP-600

1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 1AZ8E1 (75 baud)

4. NOTE

(a) Set line space selector of WP-600 at "1".

(b) * Program list print out
Maximum print out line length should be confined within 60 lines for one time.

* Programe Run
Within one page.

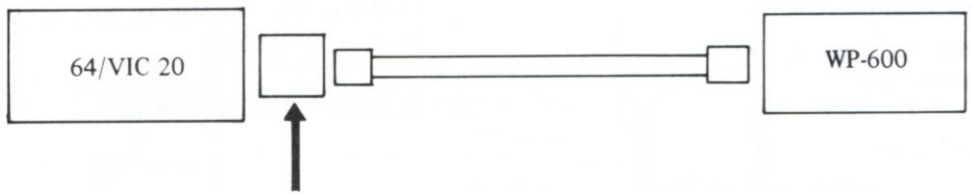
(c) Use ATARI "BASIC" package software for program printout and program run.
Other software packages such as "ATARIWRITER" cannot be used.

(d) Turn on the power switch of ATARI 850 Interface before turning on the ATARI computer.

COMMODORE 64/VIC 20

WP-600 to be used as an output printer for personal computers.

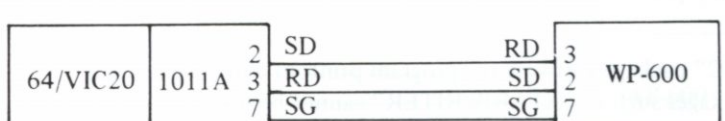
1. CONNECTION



2. CONNECTING CONDITIONS

64/VIC 20	
BAUD RATE	75
BIT LENGTH	8
STOP BIT	1
PARITY	NONE

WP-600	
BAUD RATE	75
CODE	INTERNATIONAL (1)
PARITY	NONE
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	Y



3. HOW TO USE

64/VIC 20

(a) Print out the program list

```
OPEN 2, 2, 2, CHR$(2) + CHR$(Ø)
CMD 2
LIST
```

(b) Program Run

```
10 OPEN 2, 2, 2, CHR$(2) + CHR$(Ø)
20 PRINT #2, "□□□"
```

*Ø = Zero

WP-600

1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 1DN8E1

4. NOTE

(a) Floppy Disk "RS-30" is a standard equipment of IF-64 interface. To run the program of "RS-30", COMMODORE FLOPPY DISK DRIVE 1541 is necessary. For further details, please refer to the user's manual for IF-64.

(b) Set line space selector of WP-600 at "1".

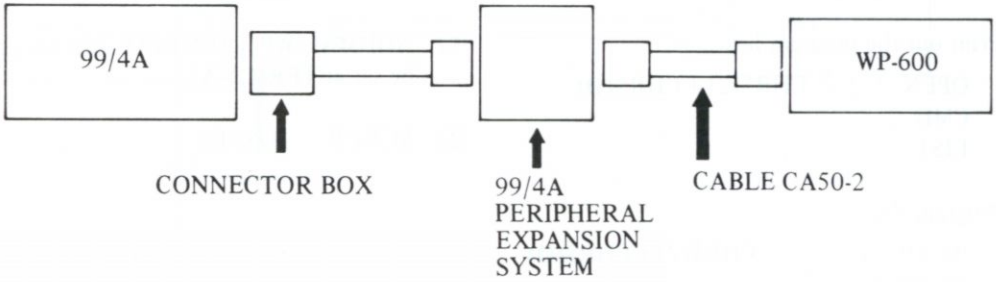
(c) *Program list print out
Maximum print out line length should be confined within 60 lines for one time.

*Program Run
Within one page.

TI 99/4A (TEXAS INSTRUMENTS)

1. CONNECTION

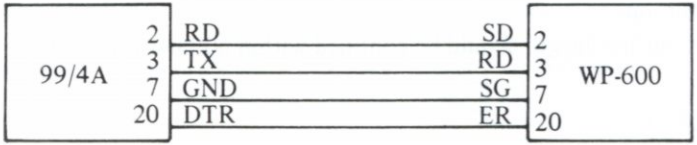
WP-600 to be used as an output printer for personal computers.



2. CONNECTING CONDITIONS

99/4A	
BAUD RATE	300/1200
BIT LENGTH	7
STOP BIT	1
PARITY	ODD

WP-600	
BAUD RATE	300/1200
CODE	ASCII
PARITY	ODD
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	N



3. HOW TO USE

99/4A

(a) Print out the program list.

[300 baud]

```
LIST "RS232"
```

[1200 baud]

```
LIST "R232, BA = 12ØØ"
```

(b) Program Run

[300 baud]

```
10      OPEN #1: "RS232"
20      PRINT #1: "□□□"
```

[1200 baud]

```
10      OPEN #1: "RS232, BA = 12ØØ"
20      PRINT #1: "□□□"
```

*Ø = Zero

WP-600

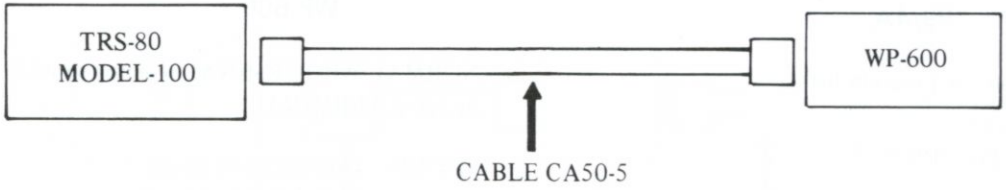
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AO8E2 (300 baud)
6AO8E2 (1200 baud)

TRS-80 MODEL 100 (TANDY RADIO SHACK)

WP-600 to be used as an output printer for personal computers.

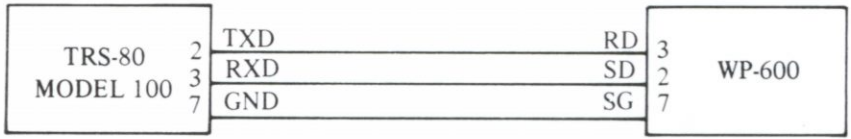
1. CONNECTION



2. CONNECTING CONDITIONS

TRS-80 MODEL 100	
BAUD RATE	300/1200
BIT LENGTH	7
STOP BIT	1
X_{ON}, X_{OFF}	Y
PARITY	EVEN

WP-600	
BAUD RATE	300/1200
CODE	ASCII
PARITY	EVEN
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	X_{ON}, X_{OFF}
AUTOMATIC LINE FEED	N



3. HOW TO USE

TRS-80 MODEL 100

(a) Print out the program list.

[300 baud]

```
SAVE "COM: 37E1E"
```

[1200 baud]

```
SAVE "COM: 57E1E"
```

(b) Program Run

[300 baud]

```
10  OPEN "COM: 37 E1E" FOR OUTPUT AS #1
20  PRINT #1, "□□□"
30  CLOSE #1
```

[1200 baud]

```
10  OPEN "COM: 57E1E" FOR OUTPUT AS #1
20  PRINT #1, "□□□"
30  CLOSE #1
```

WP-600

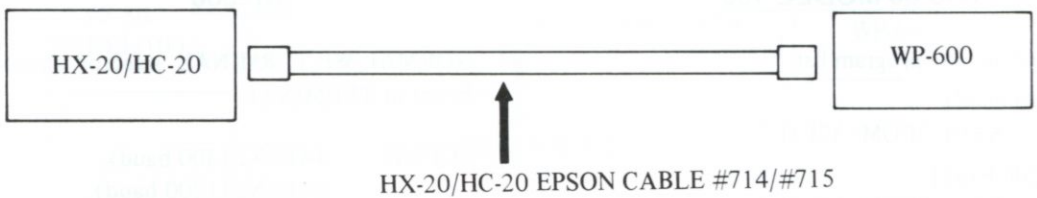
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AE8X2 (300 baud)
6AE8X2 (1200 baud)

HX-20/HC-20 (EPSON)

WP-600 to be used as an output printer for personal computers.

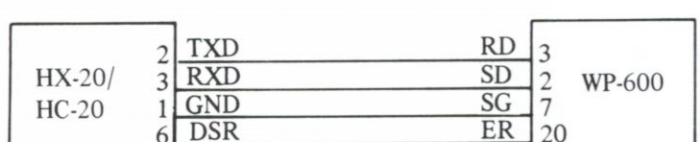
1. CONNECTION



2. CONNECTING CONDITIONS

HX-20/HC-20	
BAUD RATE	300/1200
BIT LENGTH	7
STOP BIT	1
PARITY	EVEN
CONTROL LINE ACTIVE	B

WP-600	
BAUD RATE	300/1200
CODE	ASCII
PARITY	EVEN
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	N



3. HOW TO USE

HX-20/HC-20

(a) Print out the program list.

[300 baud]

```
LIST "COMØ: (27E1B)"
```

[1200 baud]

```
LIST "COMØ: (47E1B)"
```

(b) Program Run

[300 baud]

```
10  OPEN "Ø", #1, "COMØ: (27E1B)"
20  PRINT #1, "□□□"
```

[1200 baud]

```
10  OPEN "Ø", #1, "COMØ: (47E1B)"
20  PRINT #1, "□□□"
```

* Ø = Zero

WP-600

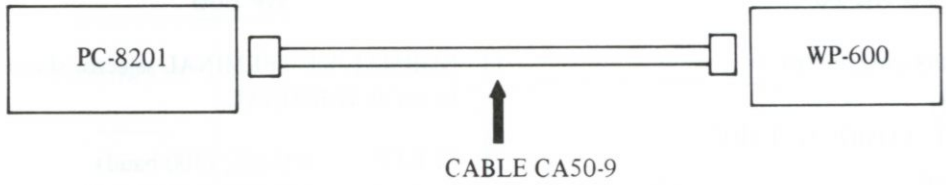
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AE8E2 (300 baud)
6AE8E2 (1200 baud)

PC-8201 (NEC)

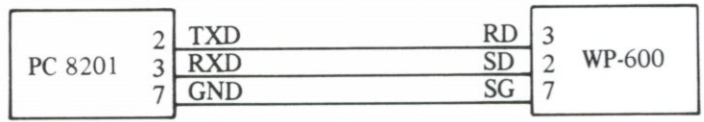
WP-600 to be used as an output printer for personal computers.

1. CONNECTION



2. CONNECTING CONDITIONS

PC-8201		WP-600	
BAUD RATE	300/1200	BAUD RATE	300/1200
BIT LENGTH	7	CODE	ASCII
PARITY	EVEN	PARITY	EVEN
STOP BIT	1	CONTROL SIGNAL CODE	All invalid
X PARAMETER	X	HANDSHAKE CONTROL	X_{ON}, X_{OFF}
S PARAMETER	N	AUTOMATIC LINE FEED	N



3. HOW TO USE

PC-8201

(a) Print out the program list.

[300 baud]

```
SAVE "COM: 3E71XN"
```

[1200 baud]

```
SAVE "COM: 5E71XN"
```

(b) Program Run

[300 baud]

```
10  OPEN "COM: 3E71XN" FOR OUTPUT AS #1
20  PRINT #1,"□□□"
30  CLOSE #1
```

[1200 baud]

```
10  OPEN "COM: 5E71XN" FOR OUTPUT AS #1
20  PRINT #1,"□□□"
30  CLOSE #1
```

WP-600

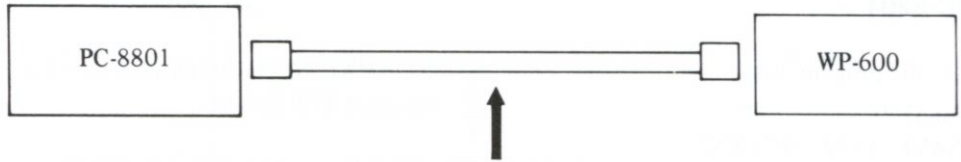
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AE8X2 (300 baud)
6AE8X2 (1200 baud)

PC-8801 (NEC)

WP-600 to be used as an output printer for personal computers.

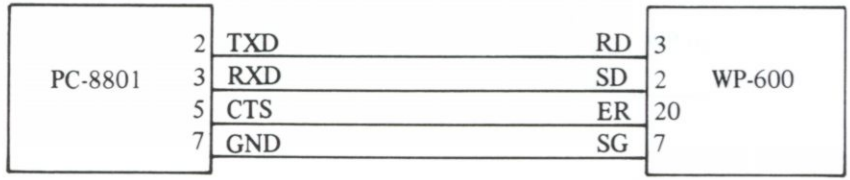
1. CONNECTION



2. CONNECTING CONDITIONS

PC-8801	
BAUD RATE (By dip switch)	300/1200
BIT LENGTH	7
PARITY	EVEN
STOP BIT	1
X PARAMETER	X
S PARAMETER	N

WP-600	
BAUD RATE	300/1200
CODE	ASCII
PARITY	EVEN
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	N



3. HOW TO USE

PC-8801

(a) Print out the program list.

```
SAVE "COM: E71XN"
```

(b) Program Run

```
10  OPEN "COM: E71XN" FOR OUTPUT
    AS #1
20  PRINT #1, "□□□"
30  CLOSE #1
```

WP-600

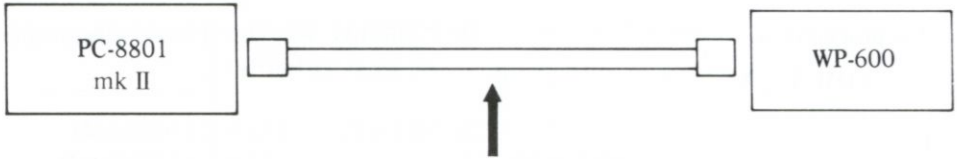
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AE8E2 (300 baud)
6AE8E2 (1200 baud)

PC-8801 mkII (NEC)

WP-600 to be used as an output printer for personal computers.

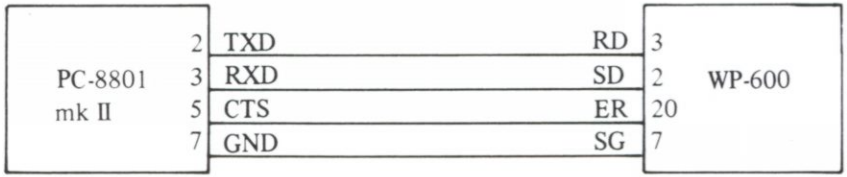
1. CONNECTION



2. CONNECTING CONDITIONS

PC-8801 mk II	
BAUD RATE (The baud rate should be set on jumper terminals.)	300/1200
BIT LENGTH	7
PARITY	EVEN
STOP BIT	1
X PARAMETER	N
S PARAMETER	N

WP-600	
BAUD RATE	300/1200
CODE	ASCII
PARITY	EVEN
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	N



3. HOW TO USE

PC-8801 mk II

(a) Print out the program list.

SAVE "COM: E71NN"

(b) Program Run

```
10  OPEN "COM: E71NN" FOR OUTPUT
    AS #1
20  PRINT #1, "□□□"
30  CLOSE #1
```

WP-600

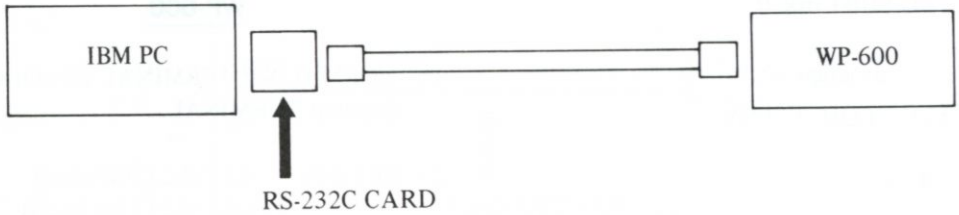
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AE8E2 (300 baud)
6AE8E2 (1200 baud)

IBM Personal Computer

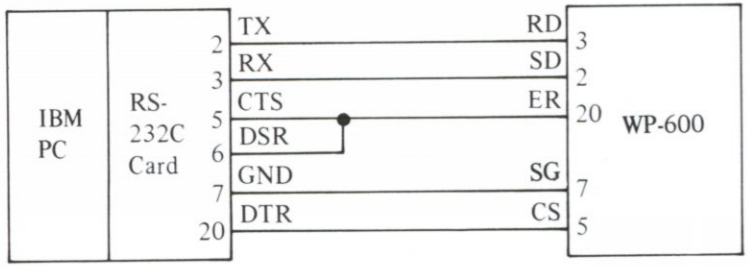
WP-600 to be used as an output printer for personal computers.

1. CONNECTION



2. CONNECTING CONDITIONS

IBM PC		WP-600	
BAUD RATE	300	BAUD RATE	300
BIT LENGTH	8	CODE	ASCII
STOP BIT	1	PARITY	ZERO
PARITY	NONE	CONTROL SIGNAL CODE	All invalid
		HANDSHAKE CONTROL	ER
		AUTOMATIC LINE FEED	N



3. HOW TO USE

IBM PC

(a) Print out the program list.

```
MODE COM 1:  3ØØ, N, 8, 1, P
MODE LPT 1: = COM 1
```

Set aboves at OS mode, then put LLIST on BASIC mode.

(b) Program Run (BASIC mode)

```
10   OPEN "COM 1: 3ØØ, N, 8, 1, CS2ØØØØ,
     DS2ØØØØ, LF" AS #1
20   PRINT #1, "□□□"
```

*Ø = Zero

WP-600

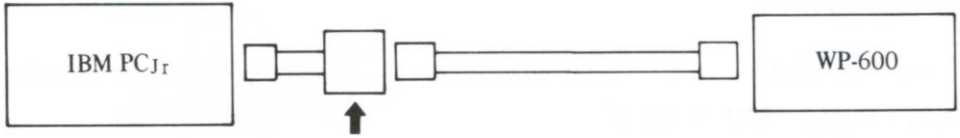
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

2) SET-UP: 4AZ8E2

IBM PCJr

WP-600 to be used as an output printer for personal computers.

1. CONNECTION

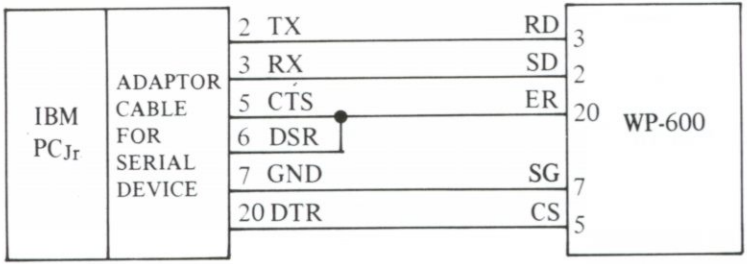


ADAPTOR CABLE FOR SERIAL DEVICE

2. CONNECTING CONDITIONS

IBM PCJr	
BAUD RATE	300
BIT LENGTH	8
STOP BIT	1
PARITY	NONE

WP-600	
BAUD RATE	300
CODE	ASCII
PARITY	ZERO
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	ER
AUTOMATIC LINE FEED	N



3. HOW TO USE

IBM PC$_{Jr}$

(a) Print out the program list.

SAVE "COM 1: 3ØØ, N, 8, 1, CS2ØØØØ, DS2ØØØØ, LF"

*Starting at Cartridge BASIC

(b) Program Run (Cartridge BASIC)

```
10  OPEN "COM 1: 3ØØ, N, 8, 1, CS2ØØØØ,
    DS2ØØØØ, LF" AS #1
20  PRINT #1, "□□□"
```

*Ø = Zero

WP-600

1) NORMAL/WP/TERMINAL selector should be set at TERMINAL.

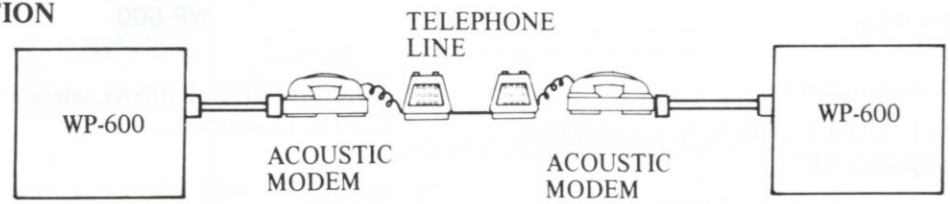
2) SET-UP: 4AZ8E2

MODEM & ACOUSTIC COUPLER

WP-600 to be used as a communication terminal.

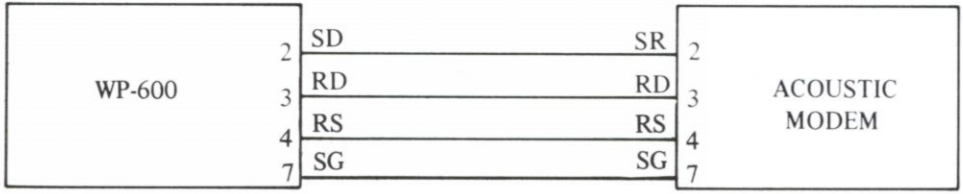
Two WP-600 are connected with each other.

1. CONNECTION



2. CONNECTING CONDITIONS

	WP-600
BAUD RATE	300
CODE	INTERNATIONAL (1)
PARITY	NONE
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	X_{ON}, X_{OFF}
AUTOMATIC LINE FEED	Y



3. HOW TO USE

WP-600

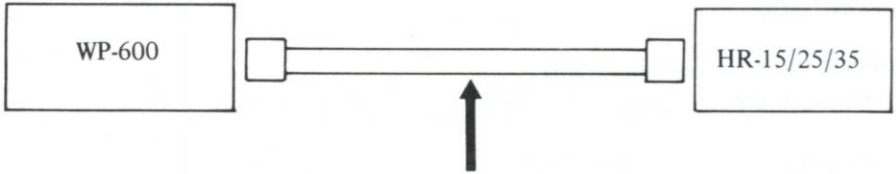
1) NORMAL/WP/TERMINAL selector should be set at TERMINAL/WP.

2) SET-UP: 4DN8X1

HR-15/25/35 (Brother Printer)

Sending data from WP-600 to daisy wheel printer.

1. CONNECTION



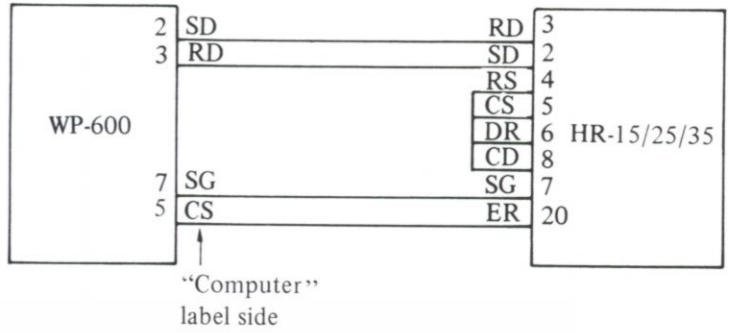
CABLE CA 50-9

2. CONNECTING CONDITIONS

WP-600	
BAUD RATE	300/1200
CODE	INTERNATIONAL (1)
PARITY	NONE
CONTROL SIGNAL CODE	All invalid
HANDSHAKE CONTROL	X_{ON}, X_{OFF}
AUTOMATIC LINE FEED	Y

HR-15/25/35

BAUD RATE – should be set same as WP-600 by dip switch.



3. HOW TO USE

WP-600

(a) NORMAL/WP/TERMINAL selector should be set at TERMINAL/WP.

(b) SET-UP: 4DN8X1 (300 baud)
6DN8X1 (1200 baud)

HR-15/25/35

Baud rate should be set same as WP-600 by Dip switch.

Attention: Make sure to turn the power switch on only after all the mode settings of the WP-600 and HR-15/25/35 are completed, otherwise unnecessary characters will be printed out on HR-15/25/35.

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