brother

We put your reputation on paper.

The Integrated Printer for Data Processing, Word Processing and Graphics

CF-500 is available optionally

Twinriter 6

The Dot Matrix/Daisy Wheel Printer

Specifications and Control Codes

Command	WP Mode	DP Mode
	Function	
NUL	NUL	
BEL	Buzzer	
BS	Backspace	
HT	Horizontal Tab	
LF	Line Feed	
VT	Vertical Tab	
FF	Form Feed	
CR	Carriage Return	
SO	—	Double Width Enlarge Mode
SI	—	Condensed Mode Set
DC1	Printer Select	
DC2	—	Condensed Mode Reset
DC3	Printer Deselect	
DC4	—	Double Width Enlarged Mode Reset
CAN	Cancel 1 Line Data	
ESC	Escape	
DEL	Same as CAN	Clear Last Data
ESC BS	1/120 Back Space	—
ESC HT	(+n) Absolute HT Movement	—
ESC LF	Reverse LF	—
ESC VT	(+n) Absolute VT Movement	—
ESC FF	(+n) Page Length Set	—
ESC CR	(+P) Printer Reset	(+P) Change to WP-LQ/HS
ESC SO	—	Same as SO
ESC SI	—	Same as SI
ESC EM	(+R) Paper Eject (Cut sheet feeder)	
ESC RS	(+n) VMI Set	—
ESC US	(+n) HMI Set	—
ESC *	Auto LF Set	—
ESC #	Auto LF Reset	—
ESC &	Bold/Shadow/Double Print Clear	—
ESC *	(+m+n1+n2) Bit Image Mode Select	
ESC -	VT Set	(+n) Underline Mode
ESC /	Auto Backward Set	—
ESC 0	Right Margin Set	1/8" Line Pitch Set
ESC 1	HT Set	7/72" Line Pitch Set
ESC 2	All HT/VT Clear	1/6" Line Pitch Set
ESC 3	Graphic Mode Set	(+n) n/216" Line Pitch Set
ESC 4	Graphic Mode Reset	—
ESC 5	Forward Print Set	—
ESC 6	Backward Print Set	—
BSC 8	HT Clear	PE disable
ESC 9	Left Margin Set	PE enable

Command	WP Mode	DP Mode
	Function	
ESC <	—	Home Return
ESC @	Change to DP-LQ/HS	Printer Reset
ESC A	—	(+n) n/72" Line Pitch Set
ESC B	—	VT Set
ESC C	Top/Bottom Margin Clear	(+n) (+0+n) Page Length Set
ESC D	1/2 VMI Reverse LF	HT Set
ESC E	Underline Set	Emphasized Mode Set
ESC F	Double Strike Set	Emphasized Mode Reset
ESC G	—	Double Strike Print Set
ESC H	Strikeout Set	Double Strike Print Reset
ESC I	Strikeout Clear	—
ESC J	(+n) n/216" Line Feed	
ESC K	—	(+n1+n2) Normal Density Bit Image
ESC L	Bottom Margin Set	(+n1+n2) Dual Density Bit Image
ESC M	—	Elite Set
ESC N	—	(+n) Skip Perforation Set
ESC O	Bold Print Set	Skip Perforation Reset
ESC P	PS Set	Pica Set
ESC Q	PS Clear	(+n) Right Margin Set
ESC R	Underline Clear	(+n) International CG Select
ESC S	Return to SW	(+n) Super/Sub Set
ESC T	Top Margin Set	Super/Sub Clear
ESC U	1/2 VMI LF	(+n) Print Direction Set
ESC W	Shadow Print Set	(+n) Double Width Enlarged Character
ESC X	Print Modification Clear	—
ESC Y	Print 20H	(+n1+n2) Double-Speed Dual Density Bit Image
ESC Z	Print 7FH	(+n1+n2) Quadruple Density Bit Image
ESC /	Auto Backward Print Clear	—
ESC e	—	(+n+m) HT/VT Unit Set
ESC I	—	(+n+m) Multi LF, Multi Space
ESC j	(+n) n/216" Reverse LF	
ESC k	(+n1+n2) Normal Density Bit Image	—
ESC l	(+n1+n2) Dual Density Bit Image	(+n) Left Margin Set
ESC p	—	(+n) Pitch Select
ESC x	(+n) Change of HS-LQ	
ESC y	(+n1+n2) Double Speed Dual Density Bit Image	—
ESC z	(+n1+n2) Quadruple Density Bit Image	—

General Specifications:

- Interface: CENTRONICS parallel (optional RS-232C convertor)
- Print columns: 136 (pica pitch)
- Print pitch: 10, 12, 15, PS
- Paper width: 16.5" max.
- Paper feed: Bidirectional, friction feed
- Paper feed pitch: 1/3", 1/4", 1/6" (switch controlled) 1/216" min (software controlled)
- Ribbon: Cassette type, Brother standard Multi-strike, fabric
- Copy capacity: Original (45kg) + 4 copies (15kg)
- 3K byte buffer (option . . . 11K or 19K byte)
- Control panel Switches: SELECT, LF, TOF, LINE, PITCH, MODE
- Indicators: POWER, ALARM, SELECT, LINE, PITCH, MODE
- Power supply: 100,120,127,200,220, 230 or 240V, 50/60Hz
- Reliability: MTBF 3000hrs, 25% duty
- Environmental (operating)
- Temperature: 10°C ~ 40°C (50°F ~ 104°F)
- Humidity: 20% ~ 80% (non-condensation)
- Noise: Less than 60dB
- Dimensions: 590(W) × 200(H) × 381(D) mm 23.2" × 7.9" × 15.0"
- Weight: 17.0kg (37.5 lbs.)

Daisy Wheel Mode Specifications:

Print speed: 36 cps (max.) 30 cps (pica pitch)
Print wheel: 96 chrs/wheel
Print wheel life 10 million chrs/wheel

Dot Matrix Mode Specifications:

Print head: 9-pin wire dot
Print speed: 200 cps (max.)
Character configuration
Draft mode: 7 × 9 dot matrix
Near letter quality mode: 24 × 24 dot matrix

brother
We put your reputation on paper.

The Dot Matrix/Daisy Wheel Printer

Twinriter 6

brother

The Microcomputer User:
The Twinriter 6 fills the complete needs of the microcomputer user. Its dot matrix printhead creates crisp graphics and prints draft text at 200 characters-per-second. Its daisy wheel printhead creates "typeset quality" text at 36 characters-per-second.

Data Processing:
For traditional data processing applications, the Twinriter 6 with its optional Forms Tractor (TF-300), will turn out invoices, statements and reports up to 136 columns wide.

Twinriter 6 with optional TF-300 Forms Tractor

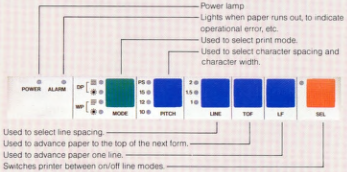
Word Processing:
For word processing, the Twinriter 6 with its optional Sheet Feeder (CF-300) or Sheet/Envelope Feeder (CF-500) produces clean, crisp letter quality text in a wide variety of typestyles.

Twinriter 6 with optional CF-300 Sheet Feeder

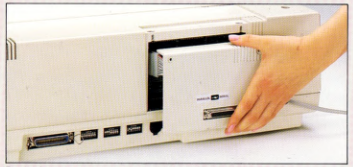
Extended Character Set:
The Twinriter 6 can produce all 132 characters in the IBM extended character set. By combining the characters on the daisy wheel, and triple pass letter quality printing by the dot matrix printhead, it easily creates:

Ease of Use:
The Twinriter 6 offers the user complete and easy control of character pitch and line spacing and the TF-300 Forms Tractor, CF-300 Sheet Feeder and CF-500 Sheet/Envelope Feeder.

Control Panel



Compatibility:
The Twinriter 6 is compatible with virtually every microcomputer and every software package on the market today, even the new integrated, text/graphics software packages such as Lotus™ 1-2-3, Framework™ and enable™. The Twinriter 6 has a Centronics Parallel interface and optional RS-232C Serial interface.



Back of printer showing parallel and serial interfaces

Letter Quality Text and Graphics:
To produce both letter quality text and high resolution graphics on the same page, the Twinriter 6 is the ideal printer!

Value:
The Twinriter 6 uses the easy-to-change, long-life Brother cassette daisy wheel and offers two ribbons, a long-life nylon ribbon and a high quality multistrike carbon ribbon, with which the Twinriter 6 produces clean, crisp graphics, far superior to those created with a conventional fabric ribbon.

Daisy Wheel

Print Head

Operating Modes:
Selectable from the Control Panel or via software commands, the Twinriter 6 has four Operating Modes:

DP/Dot Matrix: High speed data processing and graphics

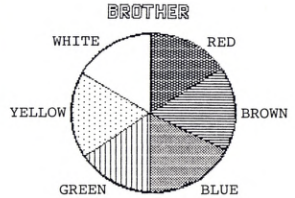
DP/Daisy Wheel: Mixing letter quality text and graphics

WP/Dot Matrix: Draft printing of word processing documents

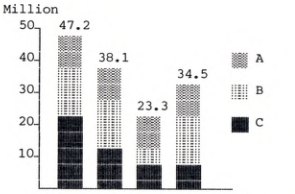
WP/Daisy Wheel: Letter quality word processing

In the DP Modes, the Twinriter 6 is Epson™or IBM™ compatible, in the WP Modes, Brother HR or Diablo™ compatible.

HIGH SPEED DRAFT PRINTING
When you need real draft quality speed the TWINRITER-6 can provide it with the dot matrix mode at 200 characters per second.



----- Graphics using Daisy & Dot -----



- Lotus™ 1-2-3 is a trademark of Lotus Development Corp.
- Framework™ is a trademark of Ashton-Tate.
- enable™ is a trademark of The Software Group, Inc.
- IBM is a trademark of International Business Machines Corporation.
- Diablo is a trademark of Xerox Corporation.
- Epson is a trademark of Seiko Epson Corporation.

The Dot Matrix/Daisy Wheel Printer

Twinriter 6

The Microcomputer User:
The Twinriter 6 fills the complete needs of the microcomputer user. Its dot matrix printhead creates crisp graphics and prints draft text at 200 characters-per-second. Its daisy wheel printhead creates "typeset quality" text at 36 characters-per-second.

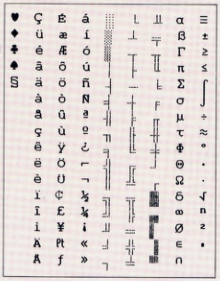
Data Processing:
For traditional data processing applications, the Twinriter 6 with its optional Forms Tractor (TF-300), will turn out invoices, statements and reports up to 136 columns wide.

Twinriter 6 with optional TF-300 Forms Tractor

Word Processing:
For word processing, the Twinriter 6 with its optional Sheet Feeder (CF-300) or Sheet/Envelope Feeder (CF-500) produces clean, crisp letter quality text in a wide variety of typestyles.

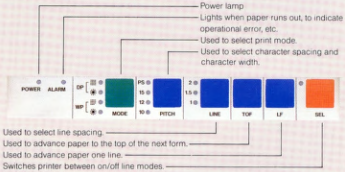
Twinriter 6 with optional CF-300 Sheet Feeder

Extended Character Set:
The Twinriter 6 can produce all 132 characters in the IBM extended character set. By combining the characters on the daisy wheel, and triple pass letter quality printing by the dot matrix printhead, it easily creates:



Ease of Use:
The Twinriter 6 offers the user complete and easy control of character pitch and line spacing and the TF-300 Forms Tractor, CF-300 Sheet Feeder and CF-500 Sheet/Envelope Feeder.

Control Panel



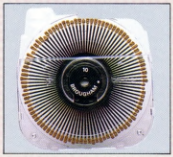
Compatibility:
The Twinriter 6 is compatible with virtually every microcomputer and every software package on the market today, even the new integrated, text/graphics software packages such as Lotus™ 1-2-3, Framework™ and enable™. The Twinriter 6 has a Centronics Parallel interface and optional RS-232C Serial interface.

Back of printer showing parallel and serial interfaces

brother

Letter Quality Text and Graphics:
To produce both letter quality text and high resolution graphics on the same page, the Twinriter 6 is the ideal printer!

Value:
The Twinriter 6 uses the easy-to-change, long-life Brother cassette daisy wheel and offers two ribbons, a long-life nylon ribbon and a high quality multistrike carbon ribbon, with which the Twinriter 6 produces clean, crisp graphics, far superior to those created with a conventional fabric ribbon.



Daisy Wheel

Print Head

Operating Modes:
Selectable from the Control Panel or via software commands, the Twinriter 6 has four Operating Modes:

DP/Dot Matrix: High speed data processing and graphics

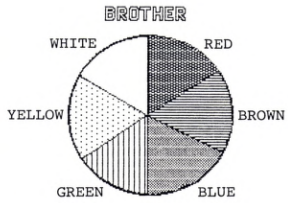
DP/Daisy Wheel: Mixing letter quality text and graphics

WP/Dot Matrix: Draft printing of word processing documents

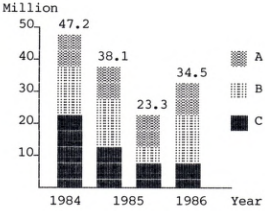
WP/Daisy Wheel: Letter quality word processing

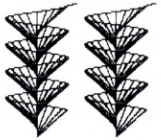
In the DP Modes, the Twinriter 6 is Epson™ or IBM™ compatible, in the WP Modes, Brother HR or Diablo™ compatible.

HIGH SPEED DRAFT PRINTING
When you need real draft quality speed the TWINRITER-6 can provide it with the dot matrix mode at 200 characters per second.



----- Graphics using Daisy & Dot -----





- Lotus™ 1-2-3 is a trademark of Lotus Development Corp.
- Framework™ is a trademark of Ashton-Tate.
- enable™ is a trademark of The Software Group, Inc.
- IBM is a trademark of International Business Machines Corporation.
- Diablo is a trademark of Xerox Corporation.
- Epson is a trademark of Seiko Epson Corporation.