

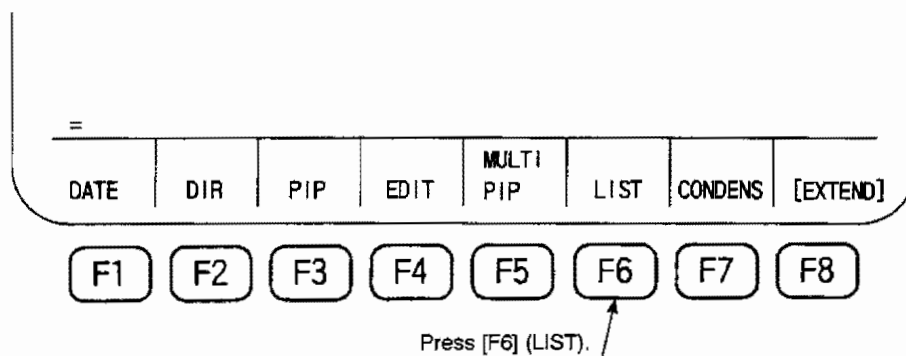
## 7. List

The list function outputs the list of a file to the display screen, printer, or other external device.

This section describes the details of the list function using the screen for the output device.

The operating procedure is indicated below.

- (1) Press function key [F6] (LIST).



The screen changes to the directory-selection-based file operation screen and the following is displayed on the screen.

LIST

L

The screenshot shows the "PROGRAM OPERATION" screen. At the top right, the date and time "97/07/15 14:10:00" are displayed. Below this, the word "LIST" is shown, followed by "OVERWRITE" and "L[ ]". A large text block in the center provides instructions for the "INDEX DISPLAY PROCEDURE":

```

INDEX DISPLAY PROCEDURE
[F2] → MD1:*.MIN
[F3] → FDO:*.MIN
TO DISPLAY OTHER INDEXES, AFTER PRESSING [F1],
INPUT THE DEVICE NAME AND FILE NAME, THEN PRESS [WRITE] KEY.
DEFAULT DEVICE NAME = MD1:
DEFAULT FILE NAME = *.MIN

```

Below the instructions, the text ">XL" and ">" are visible. At the bottom of the screen is a row of labels: INDEX, MD1: INDEX, FDO: INDEX, COMMAND HISTORY, OVERWR/ INSERT, CHAR. DELETE, and CANCEL. Below these labels is a row of function keys labeled F1 through F8.

- (2) Enter the file name of the file for which the list should be displayed and press the WRITE key.

Example: BOX-1.MIN

Note that it is not necessary to input the file name for the program for which file name is not specified. In other words, for outputting the list of A.MIN, input of the file name is not required.

PROGRAM OPERATION

97/07/15 14:10:00

LIST

OVERWRITE

L BOX-1.MIN

INDEX DISPLAY PROCEDURE  
[F2] → MD1:\*.MIN  
[F3] → FDO:\*.MIN  
TO DISPLAY OTHER INDEXES, AFTER PRESSING [F1],  
INPUT THE DEVICE NAME AND FILE NAME, THEN PRESS [WRITE] KEY.  
DEFAULT DEVICE NAME = MD1:  
DEFAULT FILE NAME = \*.MIN

>XL  
>

INDEX	MD1: INDEX	FDO: INDEX	COMMAND HISTORY	OVERWR/ INSERT	CHAR. DELETE	CANCEL
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WRITE

F1

F2

F3

F4

F5

F6

F7

F8

The list of file BOX-1.MIN is output to the screen.

PROGRAM OPERATION

LIST

97/07/15 14:10:00

LIST MD1:BOX-1.MIN

PAGE 1

>>0000

N100	G00	X300	Y300	S250		
N101	G56			Z-55	MO9	M03
N103	G41G01	X400	Y200	F100	D11	
N104	G03	X500	Y300	I0	J100	
N105		X100	Y300	I-200	J0	
N106		X200	Y200	I100	J0	
N107	G01	X400				
N108	G40	X300	Y200			
N109	G00			Z100		
N110						

=XL  
>  
=L BOX-1.MIN  
=

DATE	DIR	PIP	EDIT	MULTI PIP	LIST	CONDENS	[EXTEND]
------	-----	-----	------	--------------	------	---------	----------

F1

F2

F3

F4

F5

F6

F7

F8

[Supplement]

1. The list of a file is displayed in units of 12 lines per page.

If the list cannot be displayed on one page, the "=" code which indicates that the control is waiting for next command input is not displayed on the command line and the cursor remains as it was. Possible operations and the results are as indicated below.

- (a) When the BS key is pressed, the display page will advance by one.
- (b) When the WRITE key is pressed, the display page will advance continuously up to the last page. To stop it, press the BS key.
- (c) When the CANCEL key is pressed, the command is aborted with the display page unchanged.

Example: When the list of a file is large

- (1) press function key [F6] (LIST) and the WRITE key. This will display the first page of the list.
  - (2) press the BS key repeatedly until the required page is obtained.
  - (3) press the CANCEL key to abort operation.
  - (4) the next function can be started with the display unchanged.
2. When a file name has not been entered, the screen will display the list of the file "A.MIN". That is, pressing the WRITE key without entering a file name has the same effect as entry of the file name "A.MIN".
  3. The device name to which the list of a file is output can be specified following the file name.

Each output device is provided with a code as specified below.

Display screen on the NC operation pane	:	PN
Printer	:	PR
Teletypewriter	:	TT

Specify the code of the output device following the file name with a delimiter ",", placed between them. Key in ":" after the output device code.

When an output device code is not specified, the system selects the display screen on the operation panel as the output device.

Example 1: = L □ ,PR: [WRITE]

The list of the file named A.MIN is output to the printer.

Example 2: = L □ BOX-1.MIN,TT: [WRITE]

The list of the file named BOX-1.MIN is output to the teletypewriter.

- [Supplement] 4. The option code ";H" allows the operator to add a comment at the beginning of the list page. Key in ";H" following the output device.

Example: L GEAR-1.MIN,TT::H [WRITE]

When the instructions indicated above are keyed in, the prompt "!" will appear on the command line, indicating that a comment can be entered.

A comment consisting of a maximum of 60 characters can be entered in through the keyboard.

When a command has been entered, press the WRITE key. List output will start.

=L GEAR-1.MIN,TT::H  
!MAIN PROGRAM GEAR KOUTEI 1

DATE	DIR	PIP	EDIT	MULTI PIP	LIST	CONDENS	[EXTEND]
------	-----	-----	------	--------------	------	---------	----------

F1 F2 F3 F4 F5 F6 F7 F8

Keyed-in comment

List output to the teletypewriter is as shown below. The comment is output to on each list page.

L	MD1	:	GEAR-1. MIN				PAGE1
	MAIN PROGRAM GEAR KOUTEI 1						
	O1000						
N100	G00	X300	Y300	S250			
N101	G56			Z-55	H09	M03	
N103	G41	G01	X400	Y200	F100	D11	
N104	G03		X500	Y300	I 0	J100	
N105			X100	Y300	I-200	J0	