

TECHNICAL BULLETIN

[Issue No.] T99-0008 Ver.A

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[Title] Measures Regarding Year 2000 Problem
for the Software Package for Personal Computer Boards

[Date of Issue] July '99

[Relevant Models] Software Packages for Personal Computer Boards

SW□IVDWT-MNETP, SW□NDWT-MNETP, SW*DNF-MNET, SW*NNF-MNET
SW□IVDWT-MNET10P, SW□NDWT-MNET10P, SW*DNF-MNET10
SW*NNF-MNET10, SW□DNF-CCLINK,
SW□DNF-AF, SW□DNF-ANU, S1□DNF-ABF-E

Thank you for your continued patronage of the Mitsubishi general-purpose network MELSECNET/10, MELSECNET (II), CC-Link and PLC bus connection compatible personal computer board.

The year 2000 problems include correctly recognizing the year before the year 1999 and after the year 2000, and compensating the date in a leap year.

We have provided information on the year 2000 problem for each personal computer board software package in the Technical Bulletin initially issued in October 1998. The details have been partially added and revised, as indicated in this revision Version A.

In each personal computer board software package, the measures to be taken for the year 2000 problem differ according to the following:

- Software package version for the personal computer board
- The OS of the personal computer in which the board is mounted
- Whether the personal computer is compatible with the year 2000

To find whether the personal computer (including OS) being used is a year 2000 compatible model, contact the personal computer manufacturer, etc., or refer to the respective company's home page.

The details given in the initial version issued in October 1998 were as shown on the next page. The sections of the measures and methods that have been revised with this Version A are shown as the shaded (■) sections.

Refer to the table at the end for the combinations of the personal computer board product type and software packages.



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A : Correct year shifting and operation after shifting
B : Leap year date automatically compensated

○: Measures not required
△: Measures required
- : No combination

	MS-DOS Windows3.1		Windows95		Windows98		WindowsNT 3.51 SP4 and below		WindowsNT 3.51 SP5 and above		WindowsNT 4.0	
	A	B	A	B	A	B	A	B	A	B	A	B
SW0IVDWT-MNETP	○ Note 1	○	-	-	-	-	○ Note 4	○	○	○	-	-
SW1IVDWT-MNETP	○ Note 1	○	△ Note 2	○	-	-	○ Note 4	○	○	○	○	○
SW0NDWT-MNETP	○ Note 1	○	-	-	-	-	○ Note 4	○	○	○	-	-
SW1NDWT-MNETP	○ Note 1	○	△ Note 2	○	-	-	○ Note 4	○	○	○	○	○
SW*DNF-MNET	○ Note 1	○	○ Note 3	○	○ Note 3	○	-	-	-	-	○	○
SW*NNF-MNET	○ Note 1	○	○ Note 3	○	-	-	-	-	-	-	○	○
SW0IVDWT-MNET10P	○ Note 1	○	-	-	-	-	○ Note 4	○	○	○	-	-
SW1IVDWT-MNET10P	○ Note 1	○	△ Note 2	○	-	-	○ Note 4	○	○	○	○	○
SW0NDWT-MNET10P	○ Note 1	○	-	-	-	-	○ Note 4	○	○	○	-	-
SW1NDWT-MNET10P	○ Note 1	○	△ Note 2	○	-	-	○ Note 4	○	○	○	○	○
SW*DNF-MNET10	○ Note 1	○	○ Note 3	○	○ Note 3	○	-	-	-	-	○	○
SW*NNF-MNET10	○ Note 1	○	○ Note 3	○	-	-	-	-	-	-	○	○
SW0DNF-CCLINK	-	-	-	-	-	-	-	-	-	-	○	○
SW1DNF-CCLINK	-	-	○ Note 3	○	-	-	-	-	-	-	○	○
SW*DNF-CCLINK	-	-	○ Note 3	○	○ Note 3	○	-	-	-	-	○	○
SW□DNF-AF	-	-	-	-	-	-	-	-	-	-	○	○
SW□DNF-ANU	-	-	-	-	-	-	-	-	-	-	○	○
S1□DNF-ABF-E	-	-	-	-	-	-	-	-	-	-	○	○

* changes as 2, 3 and so forth. □ changes as 0, 1, 2 and so forth.

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SW*NNF-MNET10, SW□DNF-CCLINK,
SW□DNF-AF, SW□DNF-ANU, S1□DNF-ABF-E

Note 1 : [When personal computer is year 2000 compatible model]

Measures are not required.

[When personal computer is not year 2000 compatible model]

If continuous operation is being carried out when shifting from the year 1999 to year 2000, the date will be updated and the leap year will be compensated normally.

However, if the system is reset or the power is turned ON again after the year 2000, the date may be illegal depending on the model.

This software package does not use date data.

<Measures> When starting up the system for the first time after the year 2000, reset the date with the BIOS setting utility or the "DATE" command at the DOS prompt.
Once set, this does not need to be set again.

* Input a 4-digit year when executing the "DATE" command.

Note 2 : [When personal computer is year 2000 compatible model]

(1) Measures are not required for software package versions D and above.

(2) The following will occur when each software package version is Version "C" and below.

When a log is recorded in the error viewer after the year 2000 (i.e., when a driver error occurs), the log recording date will be displayed as shown in the following example.

(Example : For January 1, 2000 → 100/01/01)

<Measures> Please take one of the following measures.

- 1) Read the year "100" as "00" (year 2000).
- 2) Replace with the latest board (set with software package).

[When personal computer is not year 2000 compatible model]

(1) The following will occur when each software package version is Version "D" and above.

- a) If continuous operation is being carried out when shifting from the year 1999 to the year 2000, the date will be updated and the leap year will be compensated normally.
However, if the system is reset or the power is turned ON again after the year 2000, the date may be illegal depending on the model.
If a log is recorded in the error viewer when the above date data is incorrect (i.e., when a driver error occurs), the log will be recorded with the incorrect date.

<Measures> When starting up the system for the first time after the year 2000, reset the date with the BIOS setting utility or with "Date / Time" in the Windows 95 control panel.

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SW*NNF-MNET10, SW□DNF-CCLINK,
SW□DNF-AF, SW□DNF-ANU, S1□DNF-ABF-E

(2) The following will occur when each software package version is Version "C" and below.

- a) If continuous operation is being carried out when shifting from the year 1999 to the year 2000, the date will be changed and the leap year will be compensated correctly.
However, if the system is reset or the power is turned ON again after the year 2000, the date may be illegal depending on the model.
If a log is recorded in the error viewer when the above date data is incorrect (i.e., when a driver error occurs), the log will be recorded with the incorrect date.

<Measures> When starting up the system for the first time after the year 2000, reset the date with the BIOS setting utility or with "Date / Time" in the Windows 95 control panel.

- b) When a log is recorded in the error viewer after the year 2000 (i.e., when a driver error occurs), the log recording date will be displayed as shown in the following example.
(Example: For January 1, 2000 → 100/01/01)

<Measures> Please take one of the following measures.
1. Read the year "100" as "00" (year 2000).
2. Replace with the latest board (set with software package).

Note 3 : [When personal computer is year 2000 compatible model]

Measures are not required.

[When personal computer is not year 2000 compatible model]

If continuous operation is being carried out when shifting from the year 1999 to year 2000, the date will be updated and the leap year will be compensated normally.
However, if the system is reset or the power is turned ON again after the year 2000, the date may be illegal depending on the model.

If a log is recorded in the error viewer when the above date data is incorrect (i.e., when a driver error occurs), the log will be recorded with the incorrect date.

<Measures> When starting up the system for the first time after the year 2000, reset the date with the BIOS setting utility or with "Date / Time" in the Windows 95 or Windows 98 control panel.

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Note 4 : [When personal computer is year 2000 compatible model]

Measures are not required.

[When personal computer is not year 2000 compatible model]

(1) When carrying out continuous operation from the year 1999 to the year 2000, depending on the model, the date will change to January 1, 1900 within one hour after shifting to the year 2000.

If a log is recorded in the event viewer when the above date data is incorrect (i.e., when a driver error occurs), the log will be recorded with the incorrect date.)

a) If continuous operation is being carried out when shifting from the year 1999 to the year 2000, the date will be changed and the leap year will be compensated correctly.

<Measures> Please take one of the following measures.

1) Use Windows NT3.51 + Service Pack 5 during the year 1999.

2) Within one hour after entering the year 2000, reset the date with the "Date / Time" function in the Windows NT control panel.

b) When continuous operation is not required

<Measures> Turn the personal computer power OFF before shifting to the year 2000, and after entering the year 2000, turn the power ON again, and reset the date following Measure 1) in section (2) below.

(2) If the system is reset or the power is turned ON again after the year 2000, depending on the model, the date will change to 1900.

If the system is started up when the above date data is incorrect, the message "System date or time is invalid" will appear.

If a log is recorded in the event viewer when the above date data is incorrect (i.e., when a driver error occurs), the log will be recorded with the incorrect date.

<Measures> Please take one of the following measures.

1) When starting up the system for the first time after the year 2000, reset the date with the BIOS setting utility or with "Date / Time" in the Windows NT control panel.

2) Use Windows NT3.51 + Service Pack 5 during the year 1999.

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Software package and personal computer board product type

Software package	Personal computer board product (Japanese version)	Personal computer board product (English version)
SW0IVDWT-MNETP	A70BD-J71AP23	-
SW1IVDWT-MNETP	A70BD-J71AP23	-
SW0NDWT-MNETP	A98BD-J71AP23	-
SW1NDWT-MNETP	A98BD-J71AP23	-
SW*DNF-MNET	A70BD-J71AP23	-
SW*NNF-MNET	A98BD-J71AP23	-
SW0IVDWT-MNET10P	A70BD-J71QLP23 A70BD-J71QBR13	A70BDE-J71QLP23 A70BDE-J71LP23GE A70BDE-J71QBR13
SW1IVDWT-MNET10P	A70BD-J71QLP23 A70BD-J71QLP23G A70BD-J71QBR13	A70BDE-J71QLP23 A70BDE-J71LP23GE A70BDE-J71QBR13
SW0NDWT-MNET10P	A98BD-J71QLP23 A98BD-J71QBR13	-
SW1NDWT-MNET10P	A98BD-J71QLP23 A98BD-J71QBR13	-
SW*DNF-MNET10	A70BD-J71QLP23 A70BD-J71QLP23G A70BD-J71QBR13	A70BDE-J71QLP23 A70BDE-J71LP23GE A70BDE-J71QLP23GE A70BDE-J71QBR13
SW*NNF-MNET10	A98BD-J71QLP23 A98BD-J71QBR13	-
SW0DNF-CCLINK	A80BD-J61BT13	A80BDE-J61BT13
SW1DNF-CCLINK	A80BD-J61BT13	A80BDE-J61BT13
SW*DNF-CCLINK	A80BD-J61BT13	A80BDE-J61BT13
SW□DNF-AF	A70BD-AF	-
SW□DNF-ANU	A80BD-A2USH-S1	-
S1□DNF-ABF-E	-	A70BDE-ABF

* changes as 2, 3 and so forth. □ changes as 0, 1, 2 and so forth.