



Service Bulletin

No. : MZ06-022

Date: December 19, 2006

Model: ZC4001/U1M

Subject: Software Update.

Symptom: Specification change of PLC channel setting.

1) If a neighbor uses the ZR6001 and ZC4001 by connecting them over PLC connection and the neighbor's house is close proximity to your customer's house, the PLC signal from neighbor's system may penetrate your customer's system through the power line.

Solution: 1. Update MAIN CPU's software version to [060331b47].

2. A list of ERRATA (ZR6001/ZC4001 Addendum Sheet) is available and should be added to the User Guide.

3. Furthermore, the MAIN CPU's and SUB CPU's software of ZR6001 used in a pair of ZC4001 also needs to be changed to version [Main:V060327 2 / Sub 060629 2]. Please refer to the SERVICE BULLETIN "REF.NBR: MZ06-021" for details.

Please refer to the ZC4001 service manual (pages 6 to 32) for the procedure. Before updating please check the firmware version. It can be confirmed using the procedure outlined in "4. SERVICE MODE" of the service manual (see below).

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4. SERVICE MODE

MAIN CPU (IC21), PLC Firmware Version and FLD Segment Check Mode.

1. Press the **POWER ON/STANDBY** button to turn on the unit, then wait for about 10 seconds.
2. Press the **ENTER**, **STOP** and **EXT** button simultaneously more than 5 seconds.
3. The FL display shows "ZC4001:yymmddcvv" (MAIN CPU version) and "MLD011RM Vx.xx" (PLC firmware version)

EX. :

MAIN CPU version →	Z	C	4	0	0	1	:	0	6	0	3	0	7	c	3	0
PLC firmware version →	M	L	D	0	1	1	R	M		V	0	.	4	0		

4. For FLD Segment check, Press **ENTER** button, vertical segments turns on.
5. Press **ENTER** button, next vertical segments turns on.
6. Press **ENTER** button, horizontal segments turns on.
7. Press **ENTER** button, next horizontal segments turns on.
8. Press **ENTER** button, all the FL segments turns on.
9. Press **ENTER** button, all the FL segments turns off.
10. For operation button check, when press the button of the unit or RC5/6 remote code is inputted, operation button name is shown on FLD
11. Press **POWER ON/STANDBY** button more than 5 seconds, to quit the check mode.
After "CLEAR MEMORY" is shown on FLD, memory is cleared to default status.

0 6 0 3 3 1 b 4 7

Parts:

Ref#	Description	Part Number
NA	Firmware Upgrade	ZC4001x060331b47.zip
NA	ZR6001/ZC4001 Addendum sheet	00M10CW851010

Serial Number Range:

1. This problem applies to the following serial number range.
 - 1) ZC4001/U1M applies to MZ000615000300 and earlier. This improvement has been done in the production serial number MZ01xxxxxxxxxx and after.

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