

marantz® SERVICE BULLETIN		Date: 15-May.-2003	Model: DR6000, DR6050, CDR631, CDR500
		Page: 1 / 1	REF.NBR: MZ02-031
Circulation:	Application:	Subject: Replace the Chip capacitor on the CDR module of MAR770/MAR775.	
x for information customer complaint in case of service mandatory	See Below		
		Int.ref:	

[PHENOMENON]

The chip capacitor is likely to be damaged in the inconsistency of voltage proof.
But, a problem symptom doesn't appear.

[SOLUTION]

The chip capacitor is changed to **0.1uF/50V** on the CDR Module of MAR770/MAR775.

POS.NO. : **2725**
2726
2727

Refer to the following of the service manual.

MAR770/MAR775 CDR Module (service manual part no.: 385K855020)

CDR MAIN BOARD – BOTTOM VIEW : POWER PART TESTPOINTS

CDR 3rd gen. **7.** **GB70** position **B5**

[NECESSARY PART]

DK98104300 (0.1uF/50V)

[REMARKS]

This improvement has been done in the production line after
the Lot number MZxxxxxx17xxxx and later.(DR6000)
the Lot number MZxxxxxx13xxxx and later.(DR6050)
the Lot number MZxxxxxx15xxxx and later.(CDR631)
the Lot number MZxxxxxx11xxxx and later.(CDR500)

The Lot number is mentioned the serial number label on the rear panel.
(ex.MZxxxxxx17xxxx)

Approved by **S.NAGAO**

Written by

marantz® SERVICE BULLETIN		Date: 10-May-01	Model: DR6000/DR6050/CDR631/CDR500
		Page: 1/2	REF.NB MZ01-015
Circulation:		Subject:	
Application:		Improvement for OPC error and Finalize error, etc.	
x for information customer complaint in case of service mandatory			
ALL			

[PHENOMENON]

Since a certain CD-R disc made in Taiwan is low quality, OPC is not completed normally.

[SOLUTION]

Please check the version of each software using the service mode.

If the versions are earlier than <DASP: MAR2.15> and <MACE(SPICE): 2.11+>, update each software referring to attachment sheet.

Please refer to the service manual for CDR module MAR770/MAR775. (3120 785 22620, 385K855020) about details of updating software.

Please contact to MARANTZ office about the firmware <DASP> and <MACE(SPICE)>.

[REMARK]

OPU value realignment is mandatory after replace the <MACE(SPICE):2.11+> EPROM.

Please refer to the service manual for CDR module MAR770/MAR775. (3120 785 22620, 385K855020) about details of above alignment.

MODULE	SOFTWARE	VERSION	MODIFICATION (Improved symptom)	How to update	Update to latest version				COMMENTS
					DR6000	DR6050	CDR631	CDR500	
CDR MAR770 or MAR775	DASP	MAR2.5	First version	update by FLASH99	NO	NO	-	-	Update is necessary when CD software up to V3.6 only.
		MAR2.8	Track inclement timing delay (200ms) from DAT has improved.	update by FLASH99	NO	NO	NO	-	Update is necessary when CD software up to V3.6 only.
		MAR2.13	Update for professional CDR's. DAO function has been added. Update for CD V3.6 combination.	update by FLASH99	NO	NO	NO	YES	
		MAR2.14	Update for other CDR's. (not related with MARANTZ ones)	update by FLASH99	NO	NO	NO	YES	
		MAR2.15	Improvement for miss CD-TEXT recording from normal CD while Improvement for miss CD-TEXT recording of "Album Performer" while DAO.	-	NO	NO	NO	NO	
	MACE	2.01	First version	EPROM 7208 replacement	YES	YES	-	-	OPU readjustment and Beta alignment by ComPair are mandatory.
		2.02+	Update for professional CDR's.	EPROM 7208 replacement	YES	YES	YES	-	
		2.08+	OPC algorithm improved for 80 min CDR Disc and etc..	EPROM 7208 replacement	YES	YES	YES	YES	
		2.11+	OPC algorithm more improved for most CDR Discs.	-	NO	NO	NO	NO	
	CD MAR1250		V3.4	First version	IC 7202 replacement	-	NO	-	-
V3.6			Improvement for missing start part of tracks after the track search. Improvement for CD playability.	-	-	NO	-	NO	IC7202(S87C654) code number is 3104 123 85630. The CD software V3.6 must be kept combination with DASP MAR2.13 or higher version.