

marantz®		Date: 16-Mar-2005	Model: ER2500
		Page: 1 / 3	REF.NBR: MZ05-009
SERVICE BULLETIN		Subject:	
Level	Application:	Sync problem with particular Video equipment.	
★ ★	See below		
		Int.ref:	

[PHENOMENON]

If the video equipment with which the coupling capacitor is not contained in the CVBS video output is connected to the ER2500, synchronous disorder will occur.

[SOLUTION]

The following 6pcs of parts are changed on the MAIN PCB
As for the details, Please see page2/3 and 3/3.

1. POS.NO **C531** CHIP ELECT. CAPACITOR (**100uF 16V**) is changed to (**33uF 16V**).
2. POS.NO **C537** CHIP ELECT. CAPACITOR (**100uF 16V**) is changed to (**33uF 16V**).
3. POS.NO - CARBON FILM FIXED RESISTOR (**75 OHM +-5% 1/6W**) is added.
4. POS.NO - CARBON FILM FIXED RESISTOR (**75 OHM +-5% 1/6W**) is added.
5. POS.NO **R525** CHIP RESISTOR (**75 OHM**) is removed.
6. POS.NO **R530** CHIP RESISTOR (**75 OHM**) is removed.

[NECESSARY PART]

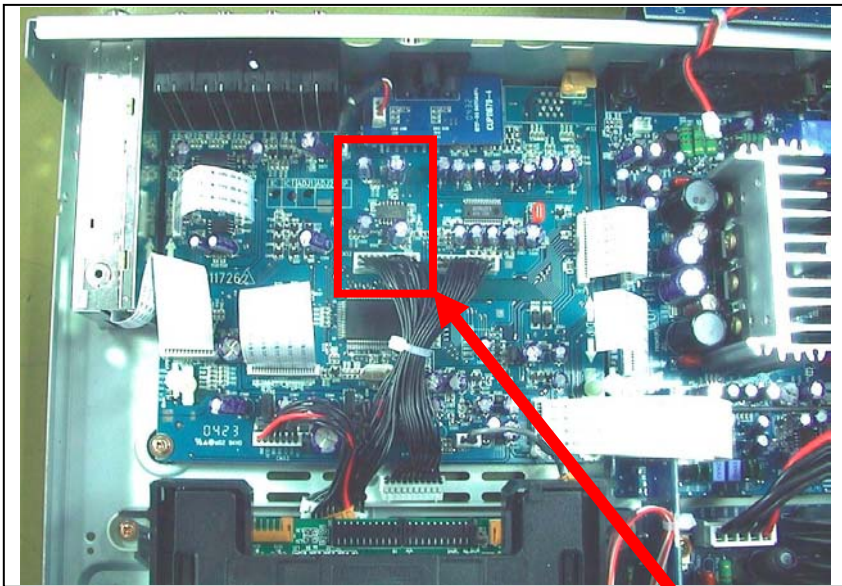
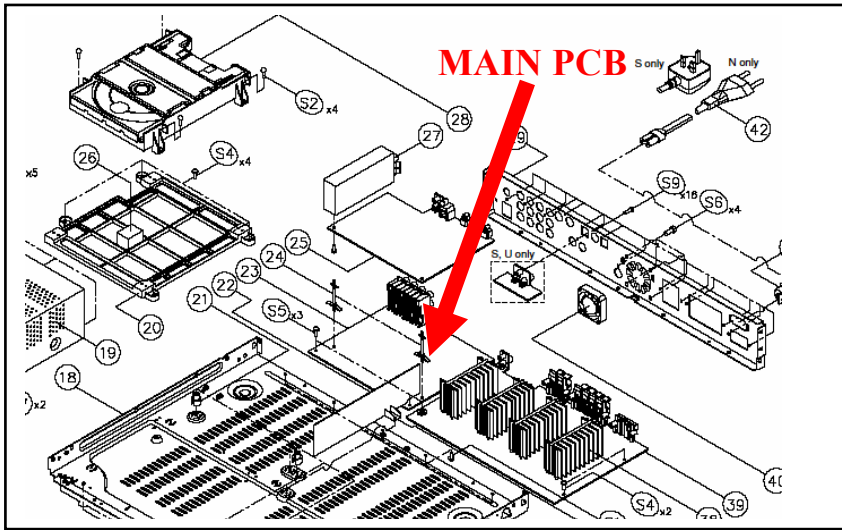
OLD NEW	POS.NO	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION	FACTORY CODE NO
OLD	C531 C537	nsp	00MOA10701620	ELECT CAP.	100uF 16V	HCEA1CH101T
NEW	C531 C537	nsp	00MOA33602520	ELECT CAP.	33uF 16V	-
NEW (Add)	-	nsp	00MGD05750160	CARBON FILM FIXED RESISTOR	75 OHM +-5% 1/6W	-

[REMARKS]

1. This problem apply to the following serial number.
 - 1) **ER2500/N1S apply to MZ01xxxx002200 and earlier.**
This improvement has been done in the production serial number **MZ01xxxx002201 and after.**
 - 2) **ER2500/U1S apply to MZ01xxxx000400 and earlier.**
This improvement has been done in the production serial number **MZ010504000401 and after.**
 - 3) **ER2500/S1S apply to MZ01xxxx000080 and earlier.**
This improvement has been done in the production serial number **MZ01xxxx000081 and after.**

Approved by **N.Sensui**

Written by **S.NAGAO**

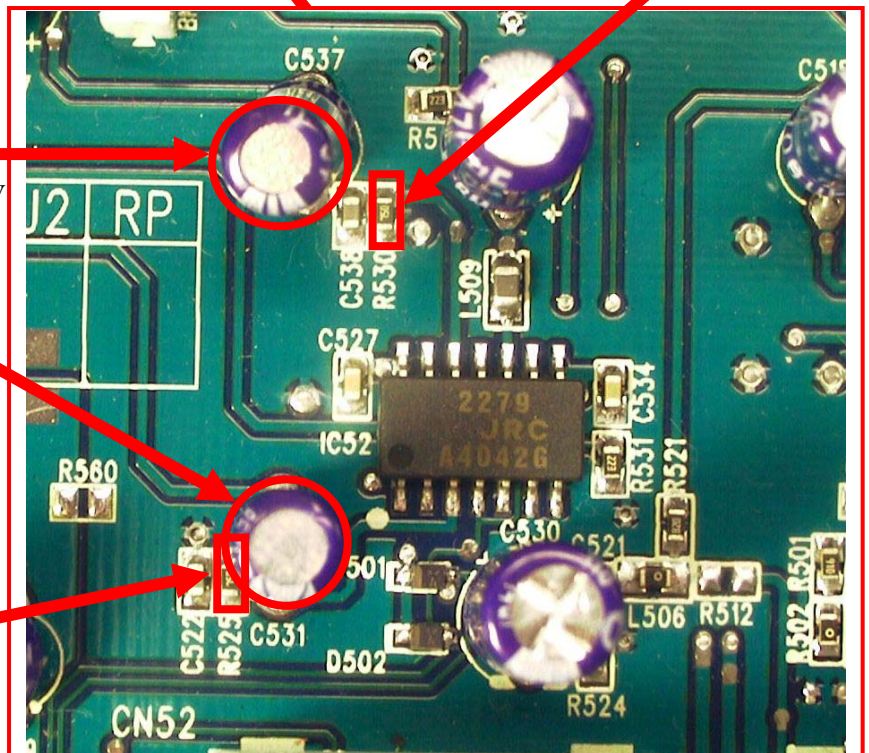


Remove **R530**

C537
100uF/16V is changed to 33uF/16V

C531
100uF/16V is changed to 33uF/16V

Remove **R525**



Approved by **N.Sensui**

Written by **S.NAGAO**

MAIN PCB Pattern side

