



Service Bulletin

No. : MZ06-003 **Date:** January 2, 2007

Model: SR9600

Subject: Software Update

Symptom: 1. After pressing STANDBY-> POWER OFF -> POWER ON button, you cannot Power ON the set by the remote controller for 15 seconds. 2. When selected "i.LINK FUNCTION", AUTO PLAY/Auto Input Select function will not work sometime.

3. When selected "TUNER FUNCTION", input display remains being TUNER in Auto Input Select

Solution: 1. Update MAIN, SUB and 1394 Flash Microprocessor software. New software version is as follows.

- 1) MAIN Build006
- 2) SUB Build007
- 3) *1394Flash (The version of 1394 Flash is not displayed.)
- 4) DSP CODE 05 03010116
- 5) MRAC Build003

Before updating please check the Micro processor version. It can be confirmed through the "SERVICE MODE". Please refer to page 11 of the Service Manual for the procedure.

2. File name: SR9600_Main006_Sub007_1394 Flash.zip (2.30 MB)
The contents of "SR9600_Main006_Sub007_1394Flash.zip" file are:
1) 00M11AJ499B06.mot (MAIN AND SUB MICROPROCESSOR)
Please refer to the Service Manual on page 30 for the procedure.
2) 00M11AJ499F07.mot (MAIN AND SUB MICROPROCESSOR)
Please refer to the Service Manual on page 30 for the procedure.

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3) 00M11AJ499J03(iLINK) (i.LINK MICROPROCESSOR)
Please refer to "UPDATE i.LINK PROCEDURE page1/11 to 11/11.
4) 00M11AJ499D03 (DSP flash MICROPROCESSOR) Please refer to the Service Manual on page 44 for the procedure.
5) 00M11A J400C02 met (MBAC MICROPROCESSOR) Please refer to the service Manual on page 44 for the procedure.

5) 00M11AJ499G03.mot (MRAC MICROPROCESSOR) Please refer to the Service Manual on page 48 for the procedure.

Attention -1: Please copy the zipped file to your PC and unzip it before using. Attention -2: [DSP CODE 05 03010116 and MRAC Build003 is the same as Service Bulletin MZ05-035, If the update has already been completed, updating of the DSP and MRAC would be unnecessary. If the update has not been completed yet, please update as outlined in steps 1), 2), 3), 4) and 5).

i.LINK UPDATE PROCEDURE

NECESSARY EQUIPMENT: Windows PC with i.LINK (IEEE1394) port i.LINK (IEEE1394) Cable (4Pin - 4Pin or 4Pin – 6Pin).

Update Tool, Update data and i.LINK (IEEE1394) driver for PC (fup1394.exe, armsr051025a.mot, marantz_FIRM_SUB_AMP_051003A.mot, 1394diag.inf etc... in 00M11AJ499J03 (i.LINK) folder)

PROCEDURE FOR INSTALLATION OF I.LINK DRIVER

Create an SR9600_iLINK folder on the C:\(Root) of your PC. Copy the SR9600_iLINK folder the FUP1394 folder, armsr051025a.mot and marantz_FIRM_SUB_AMP_051003A.mot of 00M11AJ499J03 (iLINK) into the newly created folder.

🔯 SR9600_iLINK				
<u>File Edit View Favorites Tools</u>	Help			1
😓 Back 🔹 🔿 👻 🔂 🔞 Search 🗍	🔁 Folders 🧭 階 🕵 🗙 က 🔳	•		
Address SR9600_iLINK				▼ 🖓 GO
Folders × Image: Desktop Image: My Documents Image: My Computer Image: My Computer Image: Decuments and Settings Image: Decuments and Settings Image: Decument and Settings Image: Decuments and Settings Image: Decum	SR9600_iLINK Select an item to view its description. See also: My Documents My Network Places My Computer	FUP1394	¥ armsr05102	marantz_FI
3 object(s) (Disk free space: 6.92 GB)	4A	1.14 MB	🖳 My Com	puter //

CONFIDENTIALITY NOTICE:

Connect the PC and SR9600 with an i.LINK cable. Power On the unit. The "Found New Hardware" Wizard will launch.

Note: If The Found New Hardware Wizard does not launch, restart the PC. (Keeping the iLINK cable connected)

Click **Next** to continue.



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Choose "Display a list of the known drivers for this device so that I can choose a specific driver", then click **Next**

Found New Hardware Wizard
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
 Search for a suitable driver for my device (recommended) Display a list of the known drivers for this device so that I can choose a specific driver
< <u>B</u> ack <u>N</u> ext> Cancel

CONFIDENTIALITY NOTICE:

Click the Have Disk

Found New Hardware Wizard	
Select a Device Driver Which driver do you want to install for this o	device?
Select the manufacturer and model of yo have a disk that contains the driver you	our hardware device and then click Next. If you want to install, click Have Disk.
Mogels: 1394 Diagnostic Device	
 Show compatible hardware Show all hardware of this device class 	<u>H</u> ave Disk.
	< <u>B</u> ack <u>N</u> ext > Cancel

Click Browse....



CONFIDENTIALITY NOTICE:

Locate File		and the second of the second			? ×
Look jn:	🔁 1394driver		•	+ 🗈 💣 🎟	
History Desktop My Documents My Computer	1394diag.inf				
	File <u>n</u> ame:	1394diag.inf		•	<u>O</u> pen
My Network P	Files of type:	Setup Information (*.inf)		Y	Cancel

Select 1394diag.inf in the 1394driver folder. And click Open.

Click OK.

Install Fro	om Disk	×
_	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel
	Copy manufacturer's files from:	Browse

CONFIDENTIALITY NOTICE:

Click Next.

Found Ne	w Hardware Wizard
Selec ∀	ct a Device Driver Which driver do you want to install for this device?
	Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Models:	liannostic Device
13540	
	<u>Have Disk</u>
	< <u>B</u> ack <u>N</u> ext > Cancel

Click Next.

Start Devi The de	ice Driver Installation vice driver will be installed with the default settings.
The wiz	ard is ready to install the driver for the following hardware device:
	1394 Diagnostic Device
Windov install th	vs will use default settings to install the software for this hardware device. To ne software for your new hardware, click Next.

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Click Finish.



WRITING PROCEDURE

Double click the fup1394.exe file in the FUP1394 folder.

🔁 FUP1394					
<u>File Edit View Favorites Tool</u>	s <u>H</u> elp				19
😓 Back 🔹 🤿 👻 🖸 🧟 Search	Polders	3 BBX	n III-		
Address D FUP1394					▼ 🖓 Go
FUP1394	1394driver	(1394fuapi.dll	p1394.exe, JA	COPcTool	
Application					
Modified: 10/3/2004 10:27 PM					
Size: 28.0 KB					
Attributes: Read-only					
Type: Application Size: 28.0 KB			28.0 KB	🖳 My Compu	ter //.

CONFIDENTIALITY NOTICE:

Launch the Firmware Update Tool (MARANTZ: 000678).

Choose **ARM** in the S/W dropdown box.

Click Select.

Firmware U Data File -	odate Tool (MARANI	2:000678)			
s <i>i</i> w	ARM		Versior	05Z13A	
					Select

Select armsr051025a.mot in the SR9600_iLINK folder.

Click Open.

Open file			<u>? ×</u>
Look in: 🔂	SR9600_iLINK	- 🔁	-* 💷 *
DFUP1394			
armsr0510	125a.mot		
"≩‴marantz_⊦	IRM_SUB_AMP_U51UU3A.mot		
File <u>n</u> ame:	armsr051025a.mot		<u>O</u> pen
	, 		
Files of type:	S-FormatFile(*.mot)		Lancel

CONFIDENTIALITY NOTICE:

Click Send.

stw	ARM	•	Versior	05Z13A	
):\SR960	0_iLINK\armsr	051025a.mot			Select

Click OK.



Firmware is written the i.LINK.

The writing of firmware takes about 2 minutes and 30 seconds.

CONFIDENTIALITY NOTICE:

Sirmware Up	odate Tool (MARA)	NTZ:000678)				×
s/w	ARM	•	Versior	05Z13A		
C:\SR960	00_iLINK\armsr()51025a.mot			Select	
Updati	ng		Sei	nd	Close	

Click OK.



Choose the **Sub CPU** option in the S/W dropdown box.

CONFIDENTIALITY NOTICE:

Click the **Select**.

Firmware Update Tool (MARANTZ:000678) Data File	×
S/W Sub CPU	Versior 05Z13A
	Send Close

Select the **Marantz_FIRM_SUB_AMP_051003A.mot** in the SR9600_iLINK folder.

Click Open.

Open file		<u>? ×</u>
Look in: 🔂	🛚 SR9600_iLINK 🛛 🔽 🖛 🗈 📸 🎫	+
EUP1394		
📌 armsr0510	025a.mot	
marantz_F	FIRM_SUB_AMP_051003A.mot	
	-	10.00
File <u>n</u> ame:	marantz_FIRM_SUB_AMP_051003A.mot	pen
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riles of gype.		

CONFIDENTIALITY NOTICE:

Click Send.

Sirmware Upo	late Tool (MARAN	TZ:000678)				×
s/w	Sub CPU	•	Versior	05Z13A		
C:\SR9600)_iLINK\marant	z_FIRM_SU	IB_AMP_051	003A.m	Select	
]]
			Ser	nd	Close	

Click OK.



Firmware is written to the i.LINK flash memory.

CONFIDENTIALITY NOTICE:

Sirmware Upd	late Tool (MARANTZ	:000678)				×
Data The						
s/w	Sub CPU	•	Versior	05Z13A		
C:\SR9600)_iLINK\marantz_	Firm_sub	_AMP_051	003A.m	Select	
Updating			·····			
1-1			Ser	nd	Close	

The writing of firmware takes about 2 minutes and 30 seconds.

Click OK.



CONFIDENTIALITY NOTICE:

Click Close.

)ata File					
s / w	Sub CPU	•	Versior	05Z13A	
C:\SR96	00_iLINK\marant	tz_FIRM_SU	IB_AMP_051	003A.m	Select

Disconnect the i.LINK cable from the unit and turn the unit OFF.

CHECK PROCEDURE

Turn on the unit.

Updating is successful when the front display shows "LINK CHECK". If "CHECK SUB<->1394" is displayed on the front display the writing procedure failed. You will need to redo the WRITING PROCEDURE.

PRODUCT RESET

Reset of the unit is required after updating.

To reset the back up memory of the unit into the default status, follow the procedure below.

Note: Please do not connect any wires except the AC cord.

- 1. Turn on the unit and press MRAC and PURE DIRECT button simultaneously more than 3 seconds.
- 2. After "DEFAULT" is displayed on FLD, then "CLEAR MEMORY" is displayed on FLD, EEPROM is cleared to the default status, The

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Microprocessor is reset and the unit returns to the normal status. (Software Serial Number will not be cleared.)

Parts:

Ref#	Description	Part Number
NA	Firmware update	SR9600_Main006_Sub007_1394
		Flash.zip

Serial Number Range:

This problem applies to the following service code.

SR9600 apply to xx02xxxxxxx and earlier. This improvement has been done in production from serial number xx03xxxxxxx and after.

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