



D&M Holdings Inc.

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**marantz**<sup>®</sup>

## Service Bulletin

No. : MZ06-003

Date: January 2, 2007

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**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) 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).

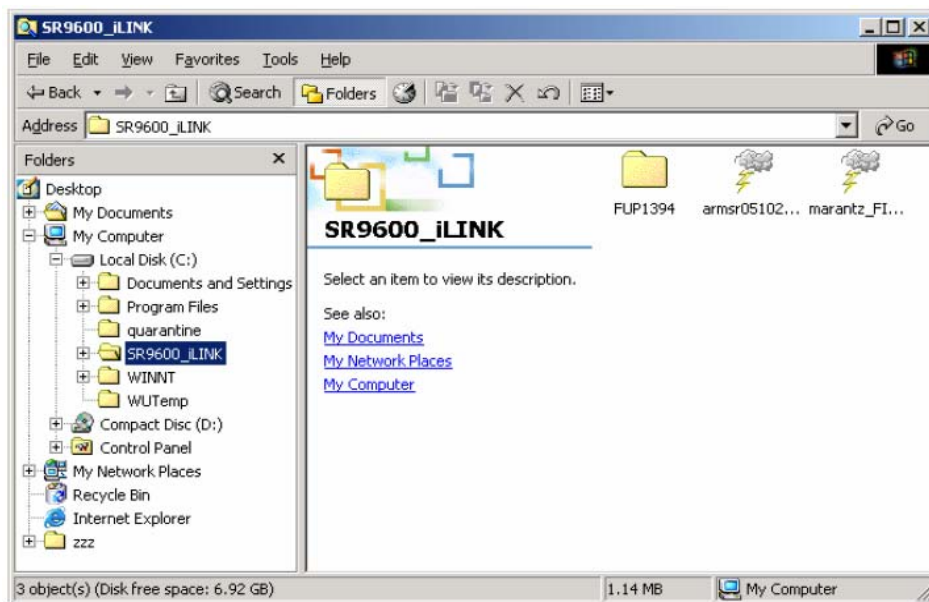
## i.LINK UPDATE PROCEDURE

**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.



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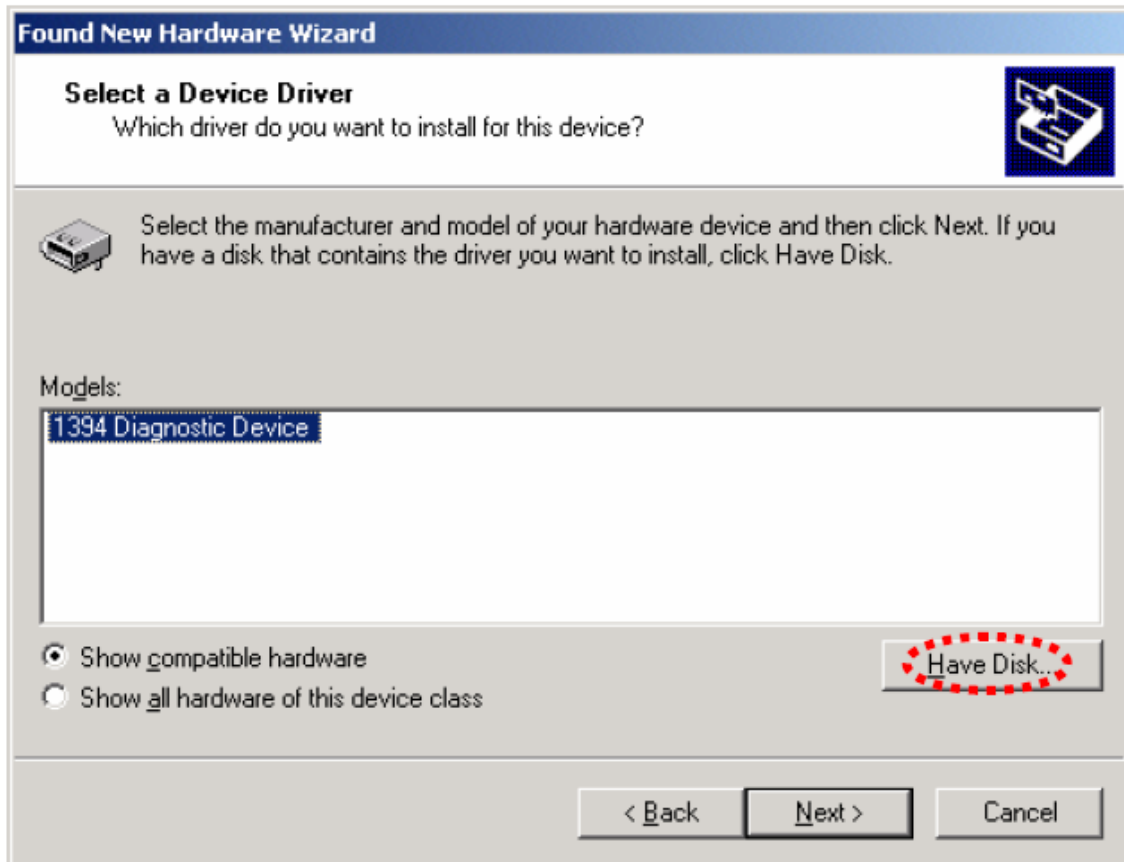
Choose “Display a list of the known drivers for this device so that I can choose a specific driver”, then click **Next**



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Click the **Have Disk....**



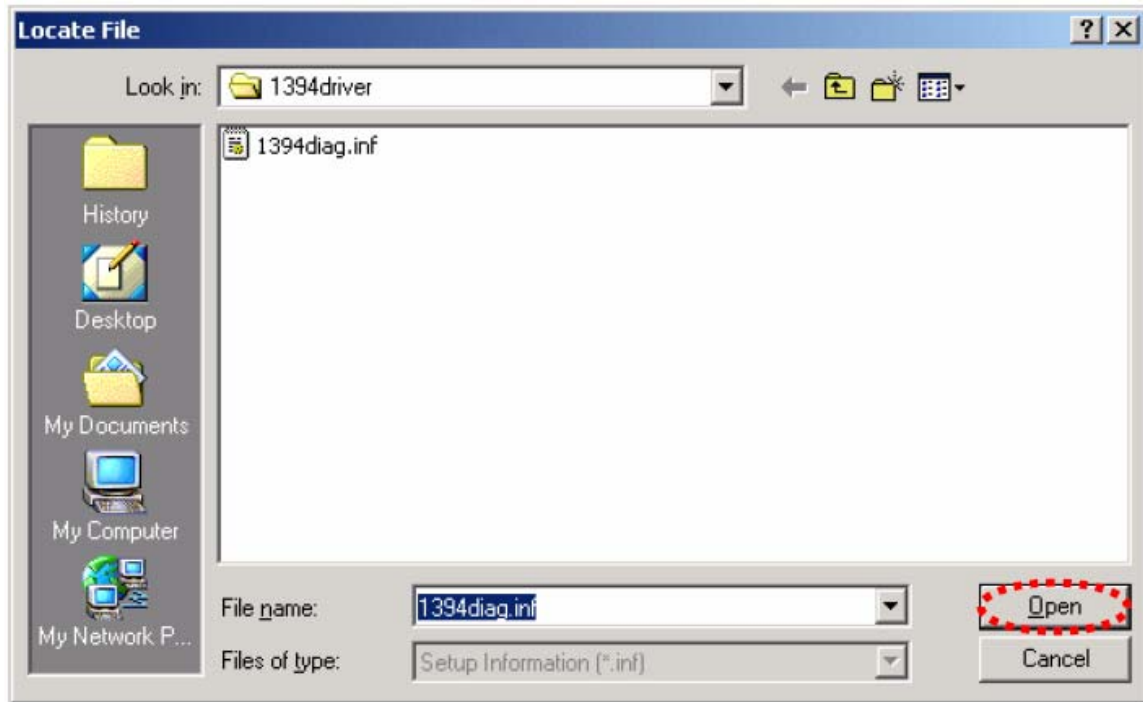
Click **Browse....**



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



Click **OK**.

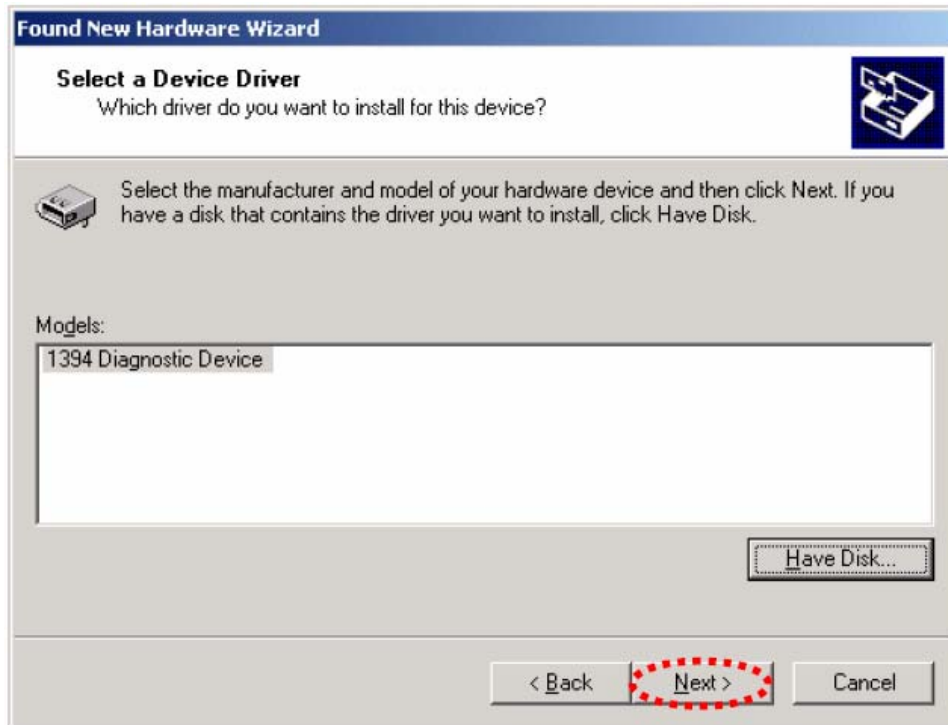


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Click **Next**.



Click **Next**.



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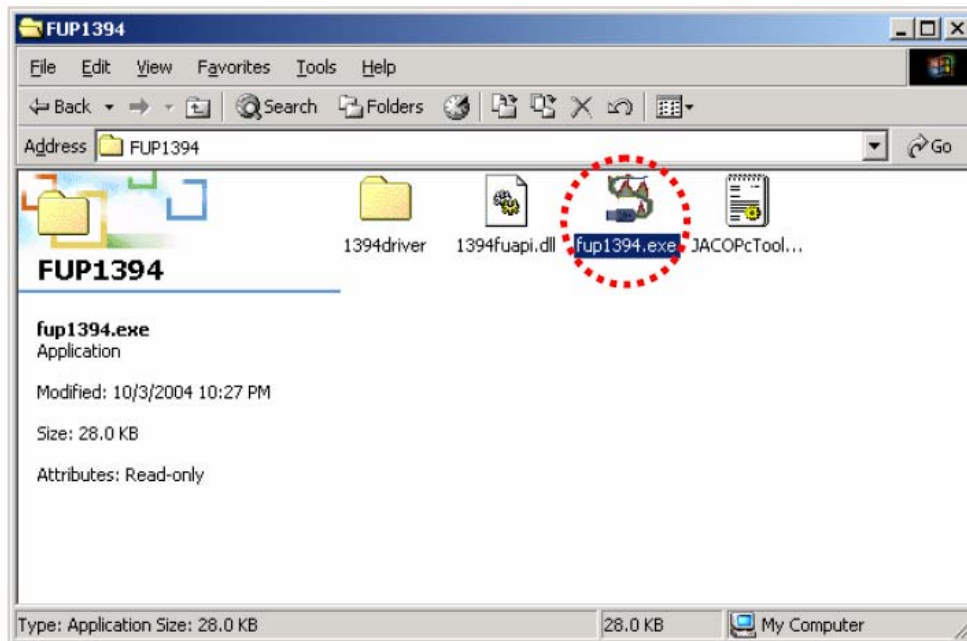


Click **Finish**.



## WRITING PROCEDURE

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



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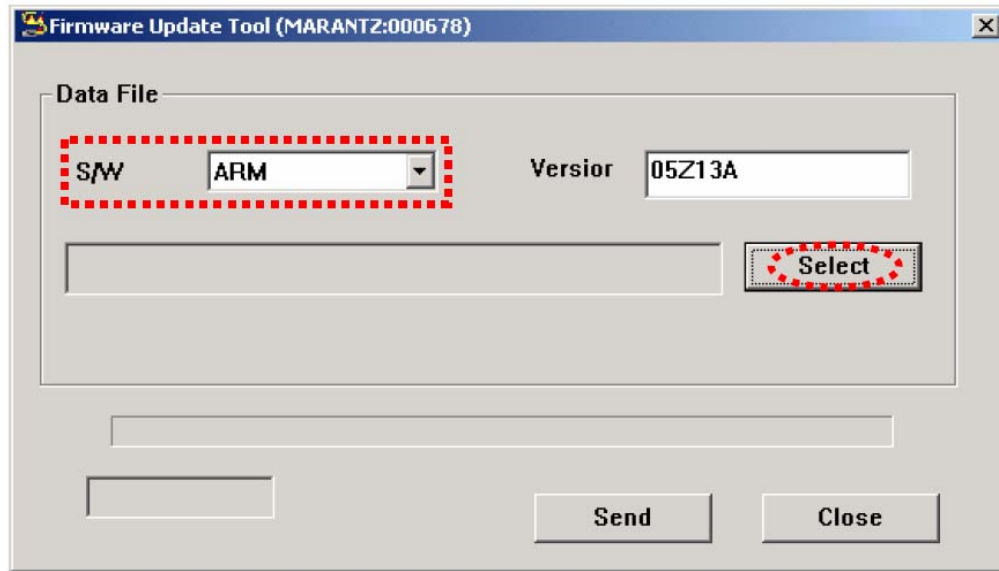
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Launch the Firmware Update Tool (MARANTZ: 000678).

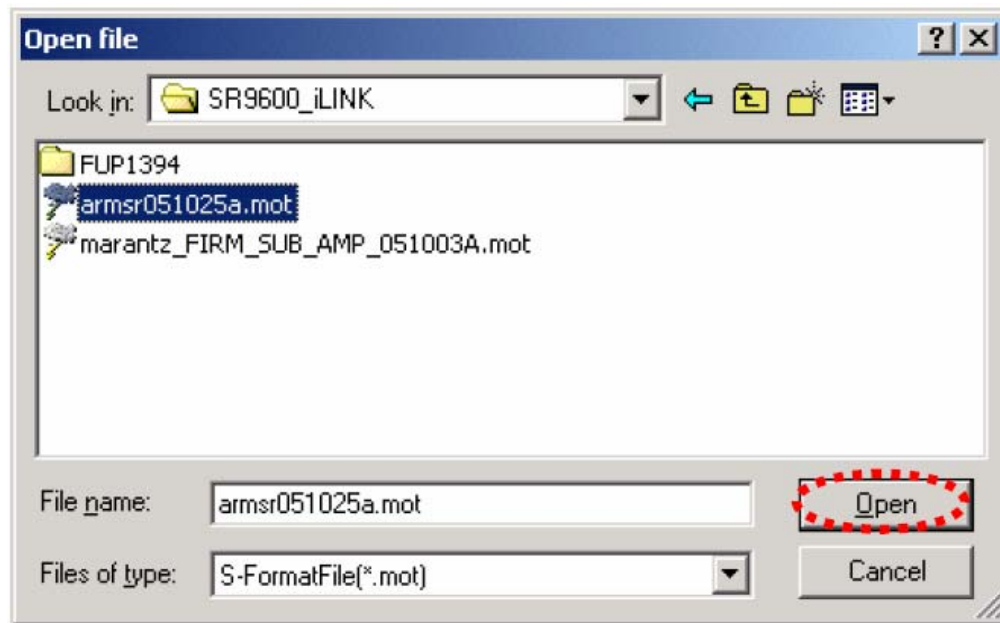
Choose **ARM** in the S/W dropdown box.

Click Select.



Select armsr051025a.mot in the SR9600\_iLINK folder.

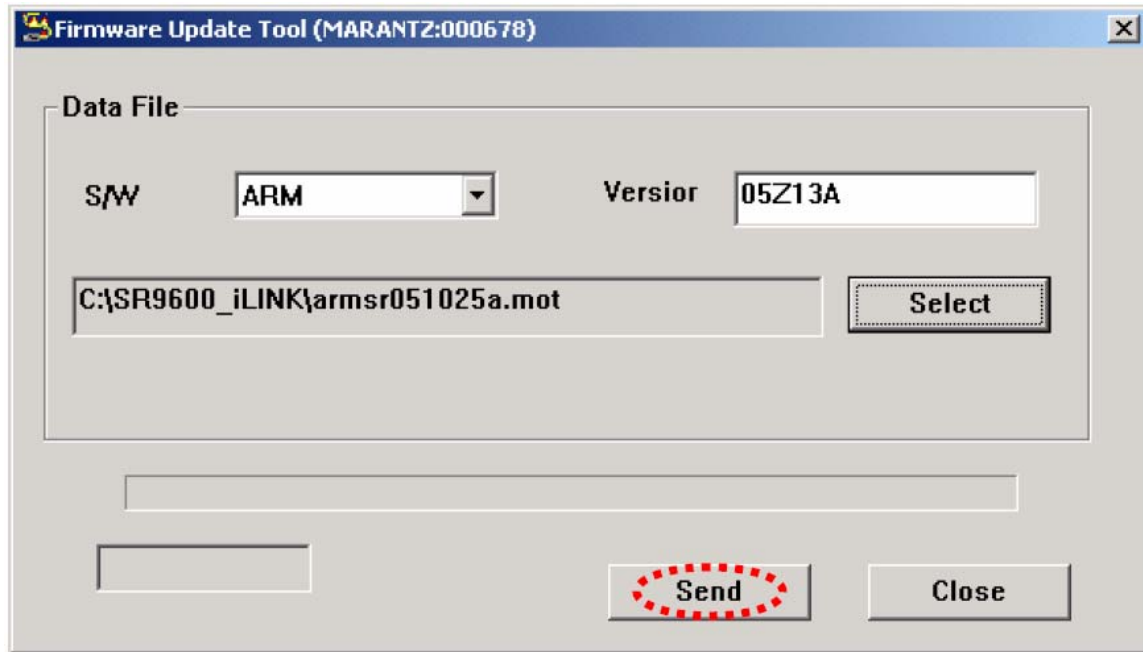
Click **Open**.



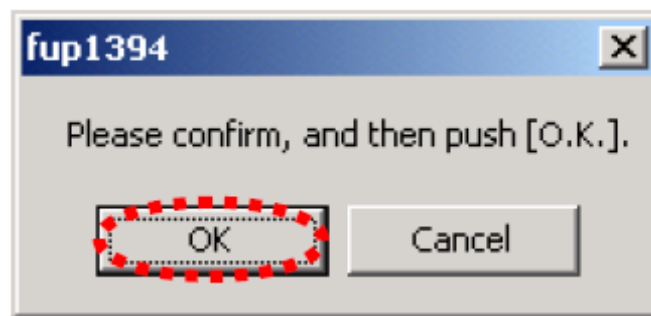
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Click **Send**.



Click **OK**.



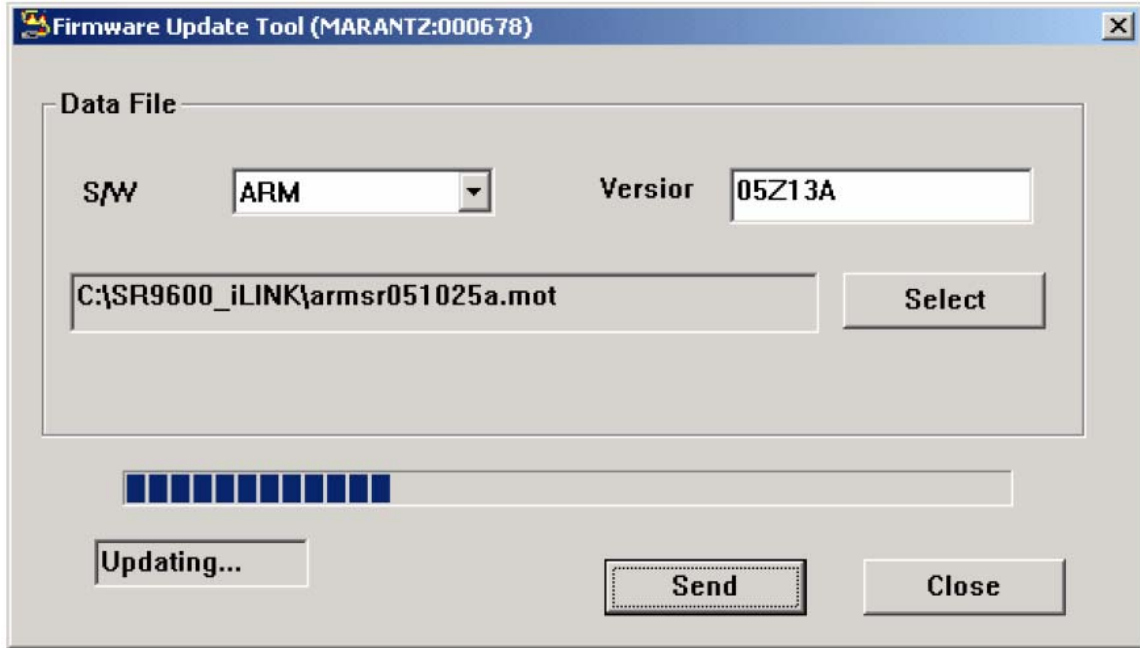
Firmware is written the i.LINK.

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

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Click **OK**.



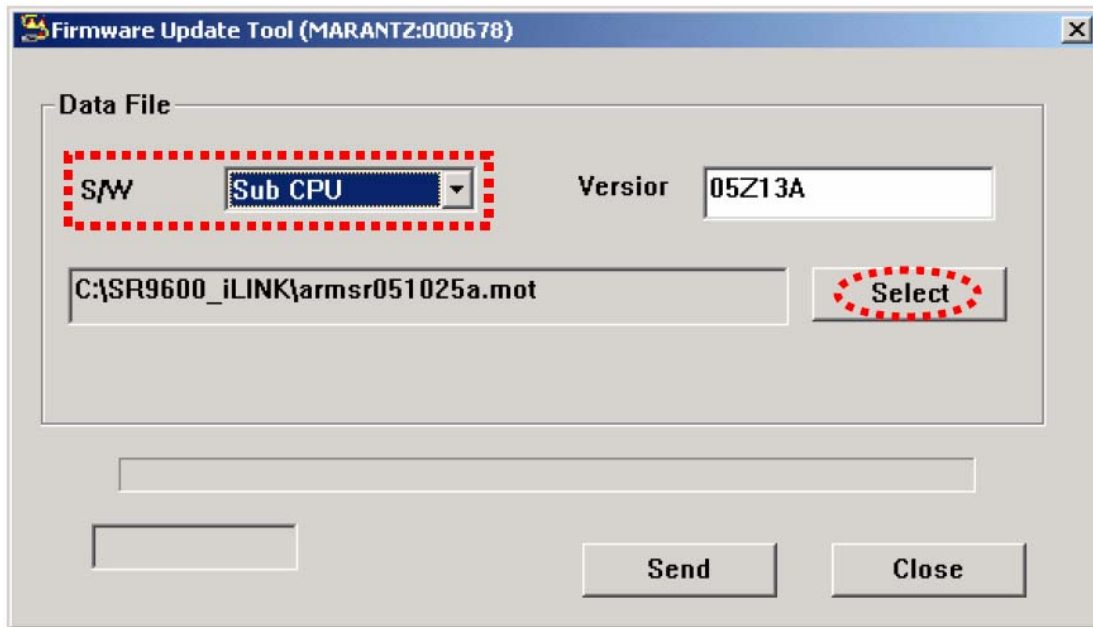
Choose the **Sub CPU** option in the S/W dropdown box.

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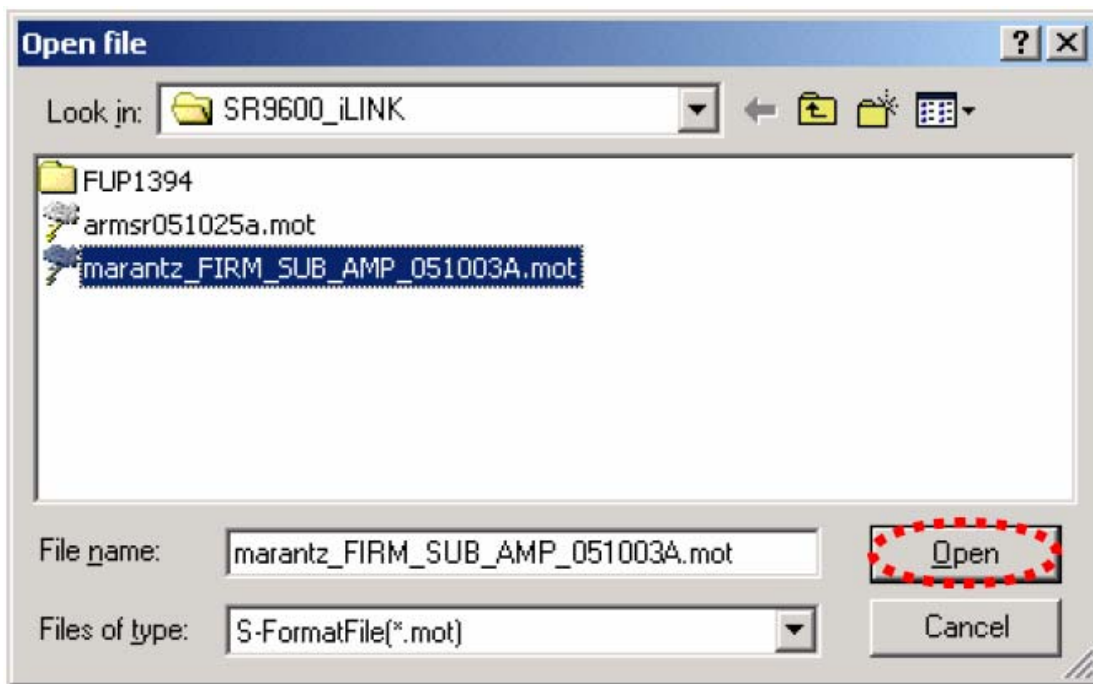
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Click the **Select**.



Select the **Marantz\_FIRM\_SUB\_AMP\_051003A.mot** in the SR9600\_iLINK folder.

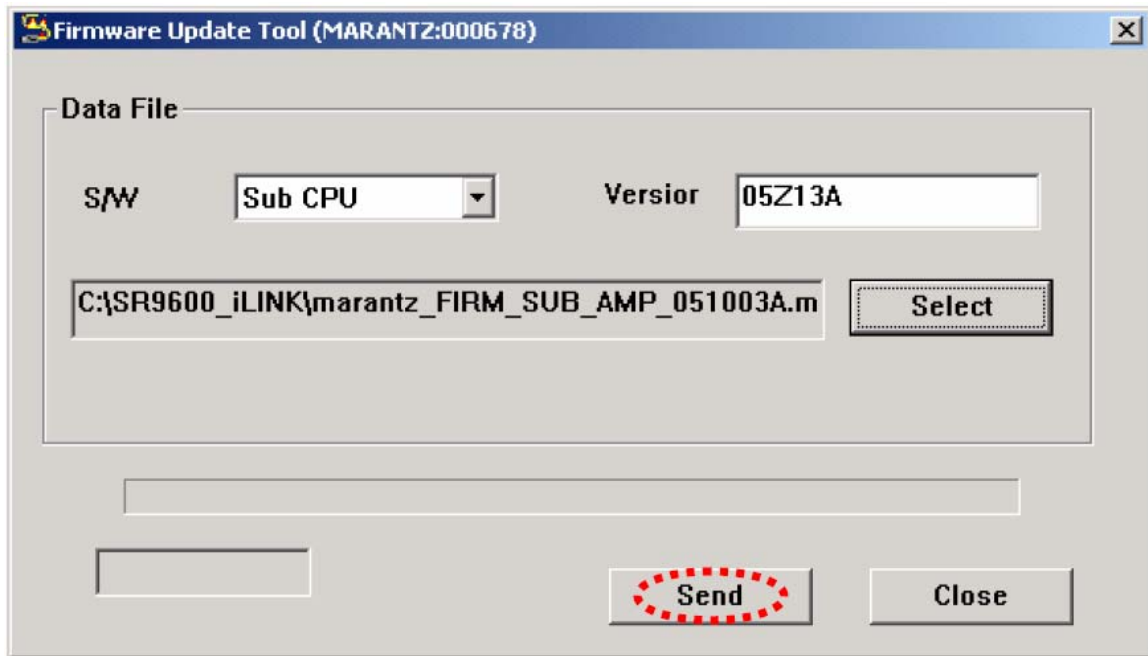
Click **Open**.



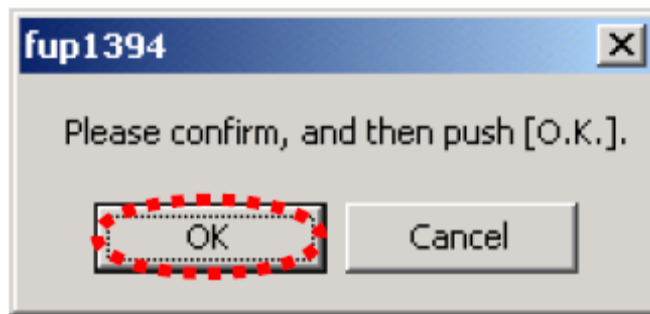
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Click **Send**.



Click **OK**.



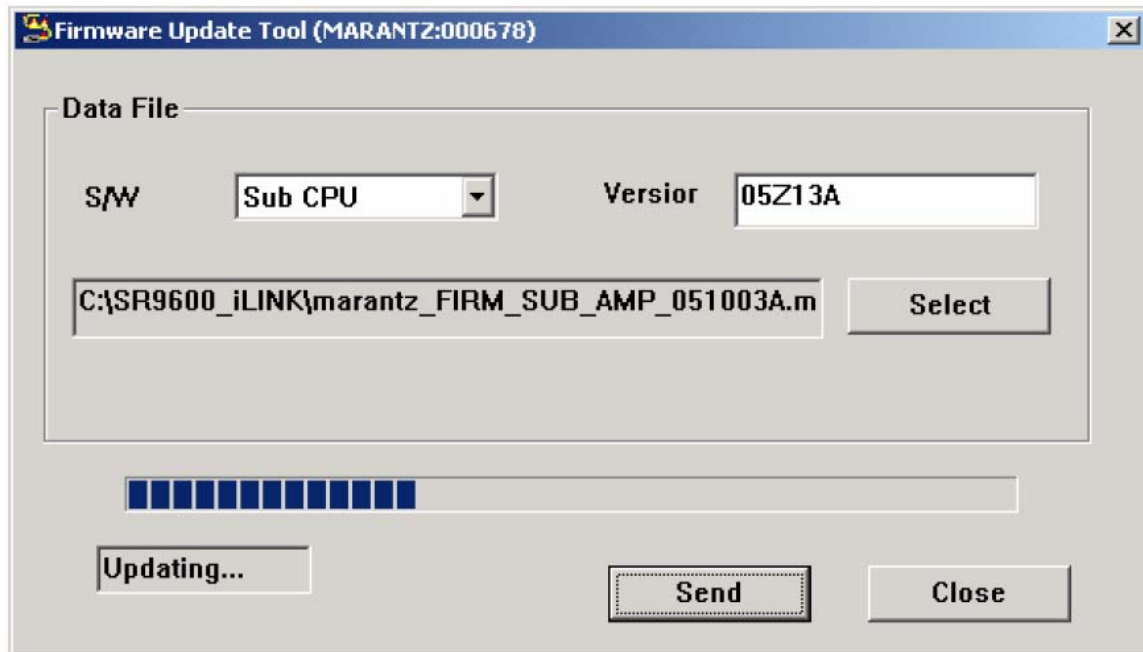
Firmware is written to the i.LINK flash memory.

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



Click **OK**.

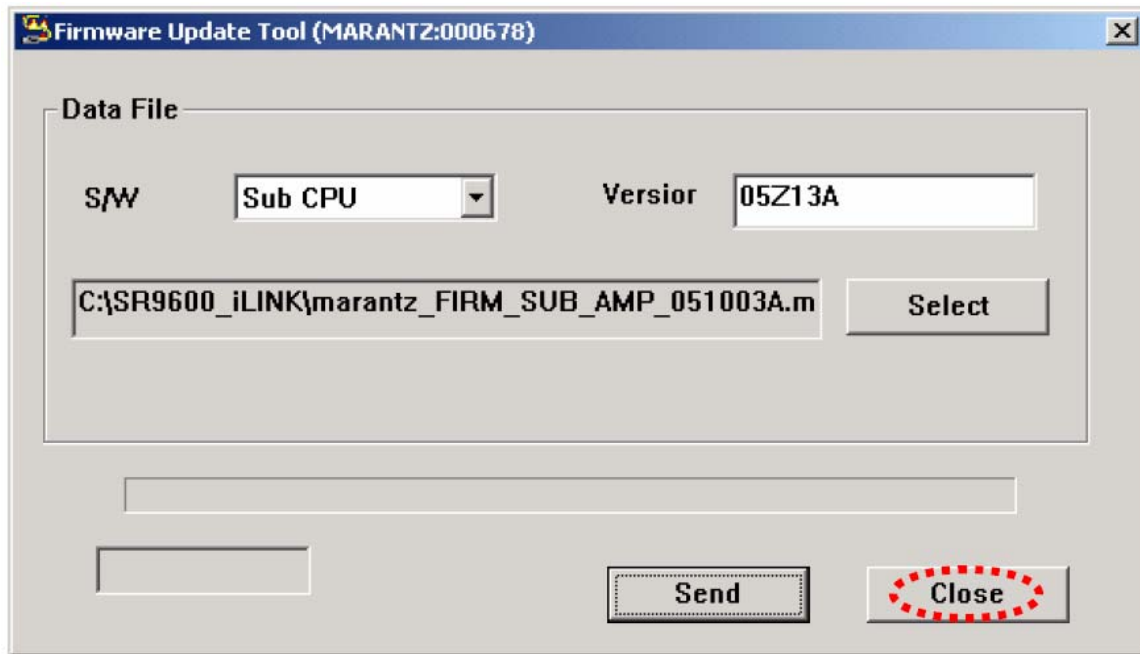


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Click **Close**.



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 xx02xxxxxxxxxxx and earlier. This improvement has been done in production from serial number xx03xxxxxxxxxxx and after.

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