

Technical News

[Company]	KISARAZU TEC
[No]	NT06SAK503
[Condition]	When symptom occurs
[Issue date]	2006/07/25
[Update]	2006/07/25

[Title]

Upgrade the Software, example, Recorded file may split.

[Model]

Brand	Model	Destination	S/N From	S/N To	Color
SONY	SVR-HD700	AU2	–	–	–
SONY	SVR-HD900	AU2	–	–	–

[Symptom]

1. After 1 timer recording event, the recordrd file name may split.
2. Preset SBS channel may drop.
3. During TV Pause, if 2 Timer recording at the same time, recording will fail.
4. When 720P stream from ABC is received, malfunction will occur.

[Remedy]

The software is updated by using SERVICE USE terminal on rear pane
Confirm S/W version information.
Enter SYSTEM MENU -> Other -> Manufacture Information
The latest version is Ver 1.10.
Update in case the version is lower than Ver1.10.

SOFTWARE UPDATE PROCEDURE

1. Use a straight RS232 cable to connect and PC COM port.
2. On unit side:
Enter SYSTEM MENU -> SETUP -> Other -> S/W Update
Press "0000" for default password.
3. On PC side:
Launch Hyper Terminal in MS Windows, and set the parameters as follow
"115200-N-8-1"
4. On unit side:
Select "Yes" to start downloading S/W.
5. On PC side:
Enter Hyper Terminal menu. "Transfer" -> "Transfer file" -> " BROWSE",
and select new software file (set 1K Xmodem) -> press "Transfer"
6. When S/W update completed the unit will down automatically.
7. Restart unit, it will not boot up with new software.

RECOVERY PROCEDURE

If the unit can not boot up by the update fails.

In the case, it can recover by the following method.

1. Use a straight RS232 cable to connect unit and PC COM port.
2. On PC side:
Launch Hyper Terminal in Ms Windows, and set the parameters as follow
"115200-N-8-1"
3. On unit side:
While keeping  button on **Front Panel** pressed, plug the AC cord.
4. On Pc side:
The following message appear in Hyper Terminal window.

```
BCM97038 VxWorks
AB
1
CALIBRATING DDR
*****
ERR=00000001
REC_GATE=00000001
REC_READ=0000000B
REC_WRITE=00000029
2345
Loader version: 1.1/0
romStart: enter
Copy text (and data) segment from ROM to RAM
Jump to RAM(ramStart) ....
Run in RAM address space(ramStart) ....OK
Enable FP keypad successfully!
RS232_AP_DOWNLOAD
CCCCCC
```

While the character of C is displayed.

Enter Hyper Terminal menu. "Transfer" -> "Transfer file" -> "BROWSE",
and select new software file (set 1 K Xmodem) -> press "Transfer"

5. When S/W update completed the following message appears
in Hyper Terminal window.

```
RS232_AP_DOWNLOAD
CCCCCCCCSrc Addr = 0xA0300000, Dst Addr = 0xA0A00000, Src Size = 0x00177CE0
Erase FLASH AP DATA !
*****
Writing AP to FLASH ....
Writing AP to Flash ....DONE!
Erase FLASH Boot Flag ....
Erase FLASH Boot Flag ....DONE!
Write FLASH Boot Flag ....
Write FLASH Boot Flag ....DONE!
Uncompress program ....
Uncompress DONE !!
Running Program Version Of AP = 03.01
usrInit
call cacheLibInit
sysHwInit: enter
fppInitialize
pciConfigureDevice
Slot#14: Serial ATA Device = 2421166
sysHwInit: exit
call I cacheEnable
call D cacheEnable
kernelInit
-
```

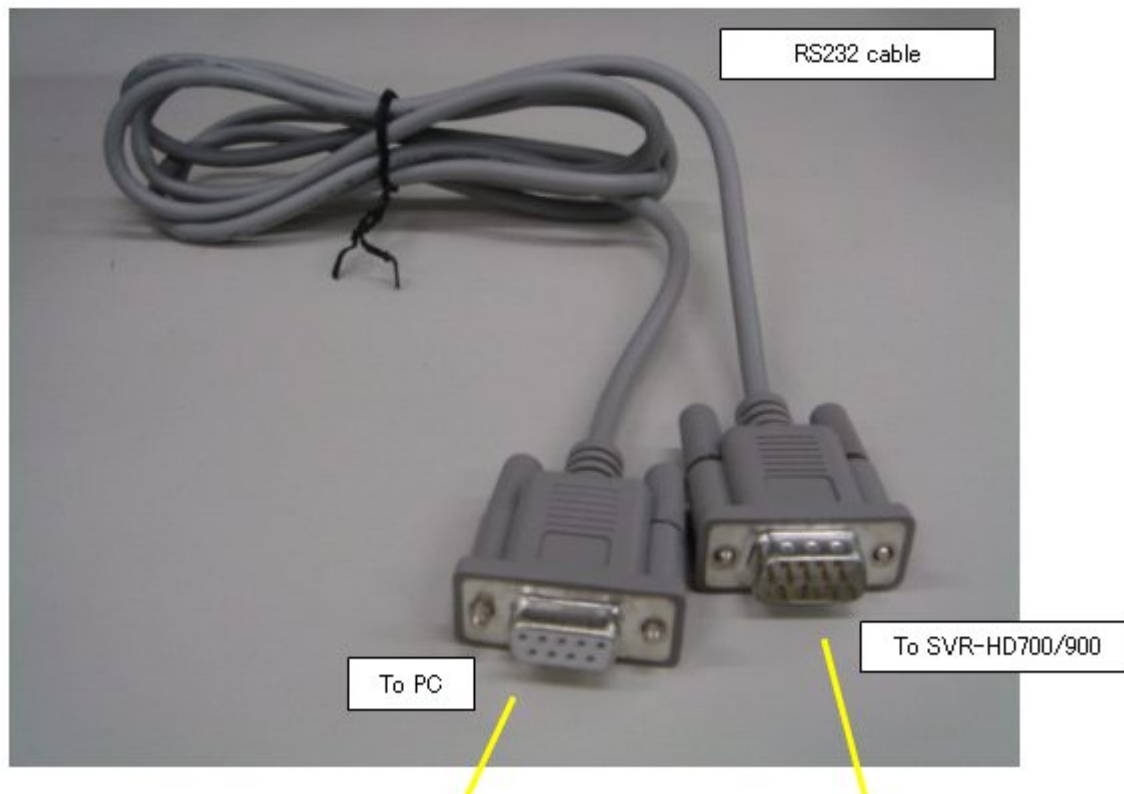
When "kernelInit" is displayed, unplug the AC cord.

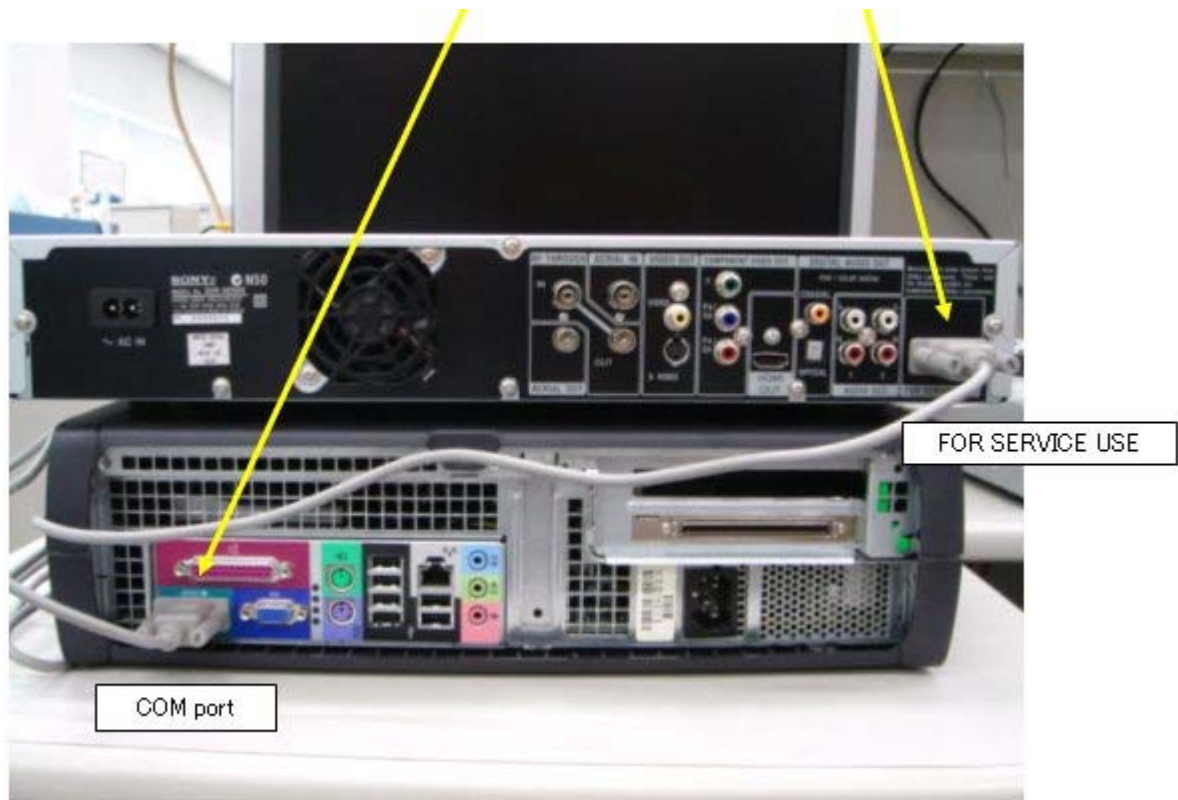
Confirmation of S/W version information

After S/W update completed.

Enter SYSTEM MENU -> SETUP -> Others -> Manufacture information
Software version: Ver 1.10

Connection of SVR-HD700/900 and PC





CDR No.	Language	Security Level
JASKZ00000000921AARR	EN	2

Close