AVR-2310
Setup Tool (0.0.16)
Manual

DENON

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1) Minimum hardware and software requirements:

| Type	PC/AT compatible
CPU	Intel Pentium/P3 1GHz or faster
RAM	256MB or more
Free hard disc space	25MB or more
OS	Windows XP Home Edition / Professional SP2 or more
Display resolution	XGA (1024x768) or more.
Port.	RS-232C
Communication speed	115,200bps
Connection Cable	D-sub 9Pin(mail femail), Straight

2) Installation procedure
   a. Execute AVR2310_SystemSetup_0.0.16(for_Windows_XP).exe   (= for Windows XP) or
            AVR2310_SystemSetup_0.0.16(for_Windowx_Vista).exe (= for Windows Vista)
      (Install the AVR-2310 Setup Tool and necessary files)
   b. Execute AVR-2310 Setup Tool.
        Ex. [Start] of Windows - [Program] - [AVR2310_SystemSetup]

1 Instruction

1.1 Stand alone mode

This mode enables the setting data concerning the product to be made with PC beforehand.

(1) Select "Stand alone" by the connection port setting.
(2) Select "Model name" by the Model setting.
(3) Firmware update.
(4) Select [System Setup] menu and set parameters.
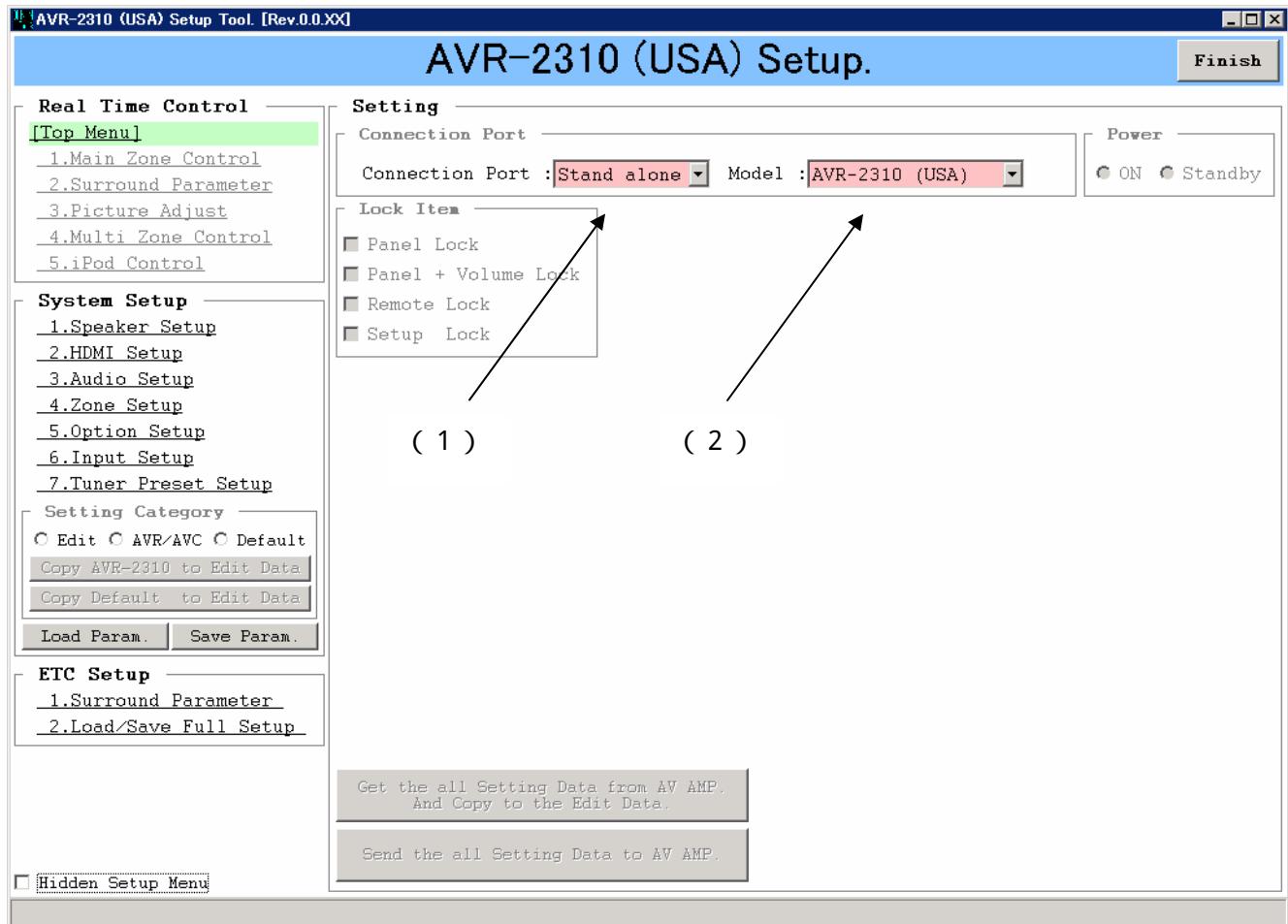
Load Param. Button : The setup parameter can be loaded from the file in PC.
Save Param. Button : Edited setup parameter can be saved to the file.
[ETC Setup]-[Surround Parameter] : The surround mode and the parameter can be set
to each input function.(see page6)
Hidden Setup Menu : When this item is checked, system setup can not operate.

NOTE
＊[Real Time Control] cannot be used.
＊[Load/Save Full Setup] of [ETC Setup] cannot be used.
＊Channel level setting of [Speaker Setup (2)] and [Surround Parameter] may be
over write the results of Auto setup.

1.2 Communication mode
1.2.1 Top Menu & System Setup

This mode enables the control of the product from the PC via RS-232C cable.

(1) Select "COM1-16" by the connection port setting.
(2) "Model name" is set automatically.
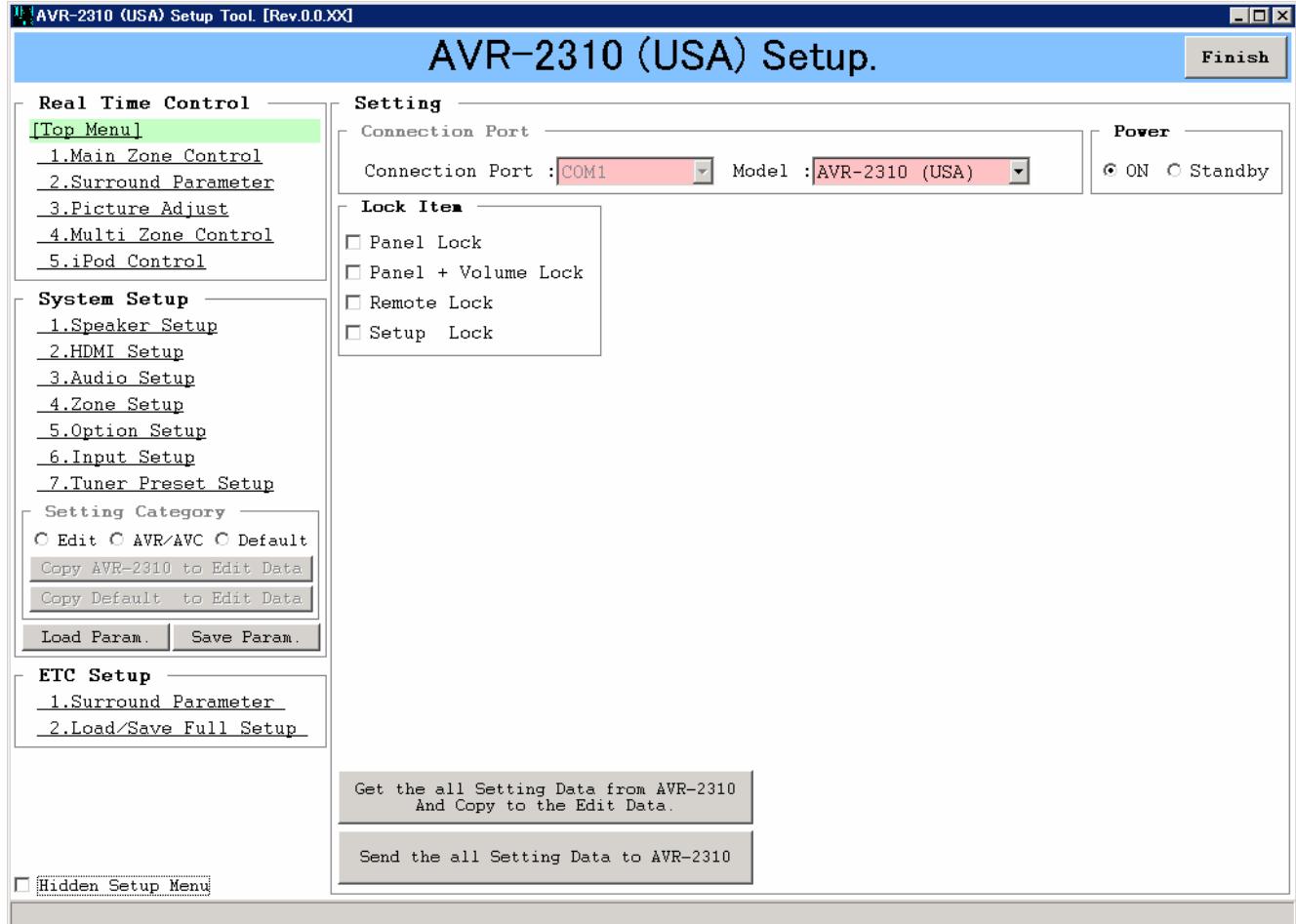
Get the all Setting Data from AVR-2310 and copy to the Edit Data Button
: All setup parameter of [System Setup] can be loaded from the AVR2310 connected via RS-232C, and then those parameters copy to the edit data.
Send the all Setting Data to AVR-2310 Button
: All edited setup parameter of [System Setup] can be set to the AVR2310 connected via RS-232C.

(3) Firmware update.

    If the firmware of the product is older version for this setup tool, following window would be appeared at operation (2).

    Click button (1) and update firmware of the product.

    It takes about 20 minutes to update firmware.

    Don t turn off the power for the product while updating firmware.

    If you turn off the power for the product or unplug RS-232C cable while updating firmware , it may cause damage on the product. Please take care for this operation.

AVR-2310 (USA) Setup Tool. [Rev.0.0.XX]	_ □ ×

AVR-2310 (USA) Setup.

`Finish`

Setting

Connection Port

Connection Port : `COM1` ▼   Model : `AVR-2310 (USA)` ▼

Caution !!

If you execute version up program,
Please disconnect plug from DOCK CONTROL connector.

I have new firmware for this AVR.
If you need new firmware, then please click this button.
(Version up is about 20min.(Maximum))
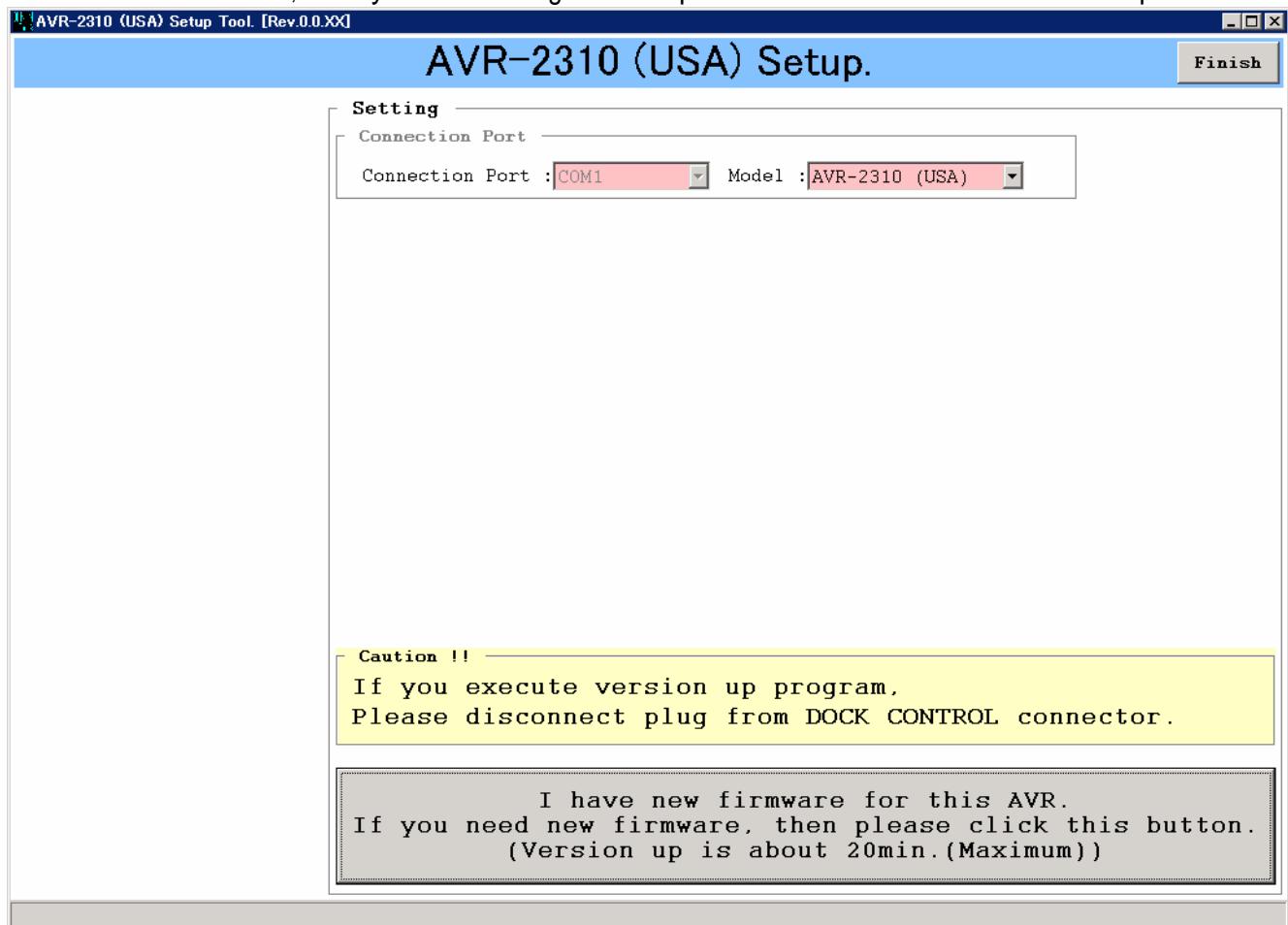
(4) Select [System Setup] menu and set parameters.
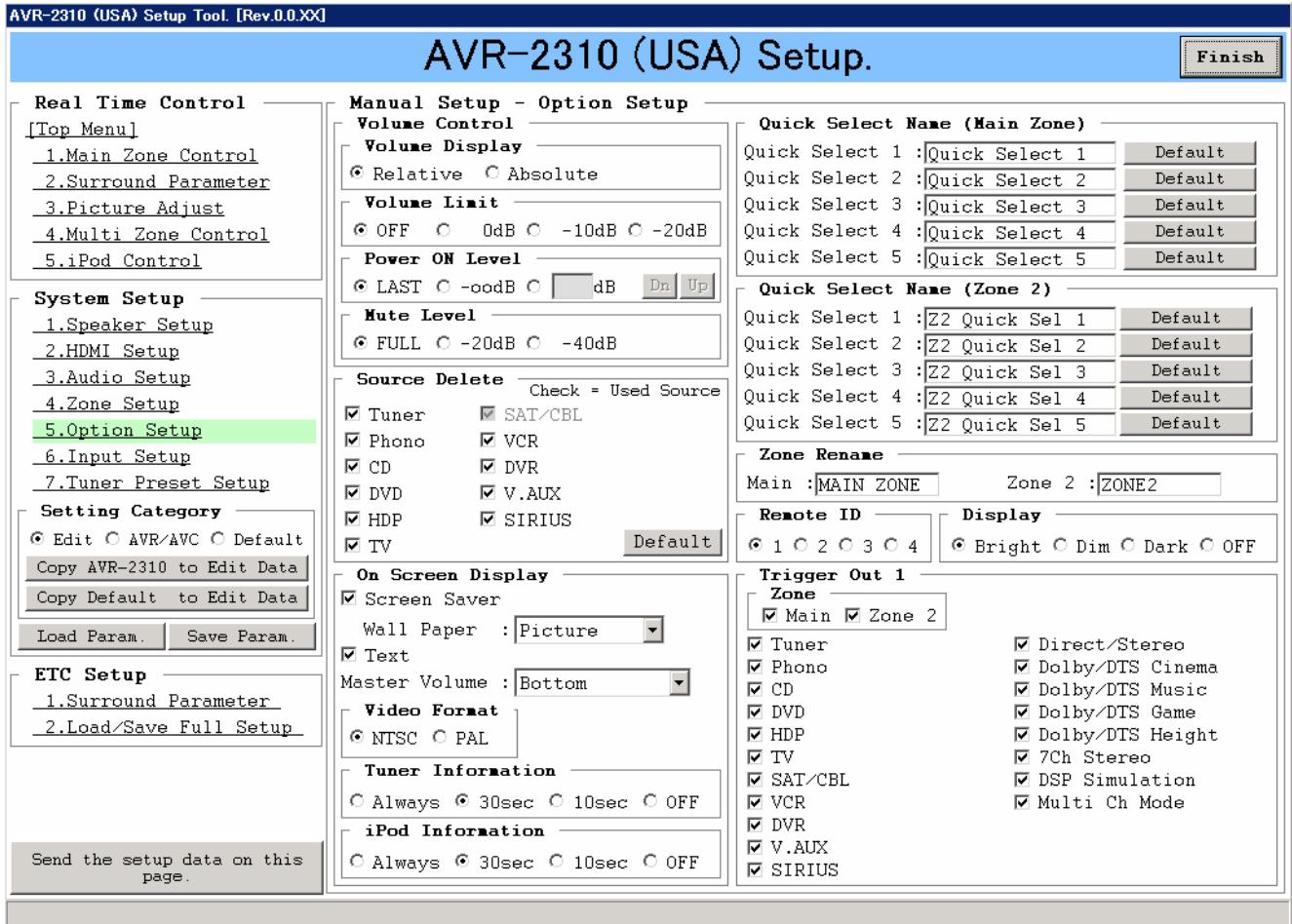
[Setting Category]
Edit : now editing. ,
AVR/AVC : setting data of the AVR2310 connected via RS-232C.(Not edit)
Default : Default setting. (Not edit)

Copy AVR-2310 to Edit Data Button
   : Setup parameter on selected page can be loaded from the AVR2310 connected
   via RS-232C, and then those parameters copy to the edit data.
Copy Default to Edit Data Button
   : Default setting data can be copied to the edit data of selected page.
Send the setup data on this page Button
   : Edited setup parameter on selected page can be set to the AVR2310 connected
   via RS-232C.

1.2.2 Surround Parameter of ETC Setup
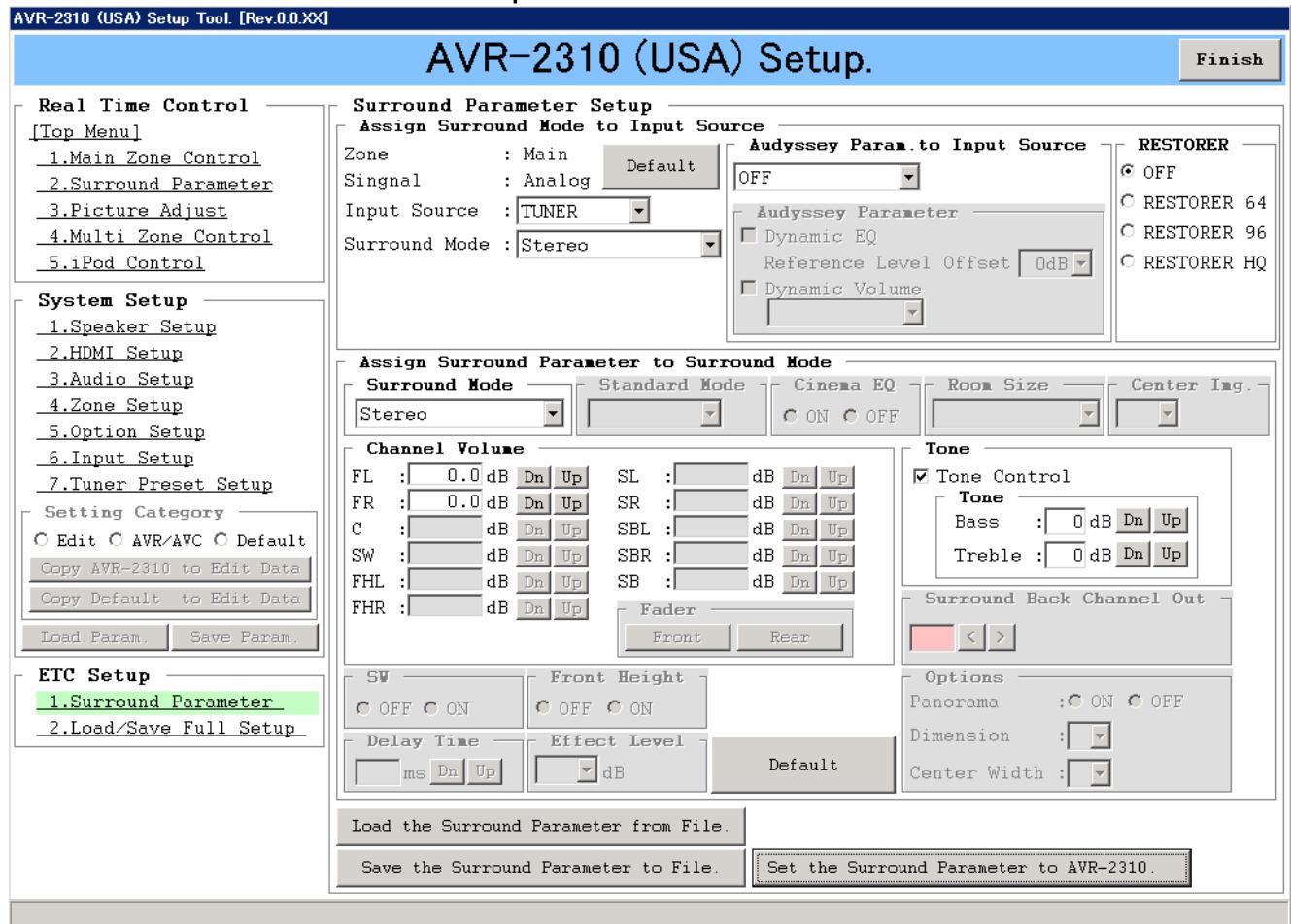
Load the Surround Parameter from File Button
: The surround parameter can be loaded from the file in PC.

Save the Surround Parameter to File Button
: The edited surround parameter can be saved to the file.

Set the Surround Parameter to AVR-2310 Button
: Edited surround parameter can be set to the AVR2310 connected via RS-232C.

1.2.3 Load/Save Full Setup of ETC Setup
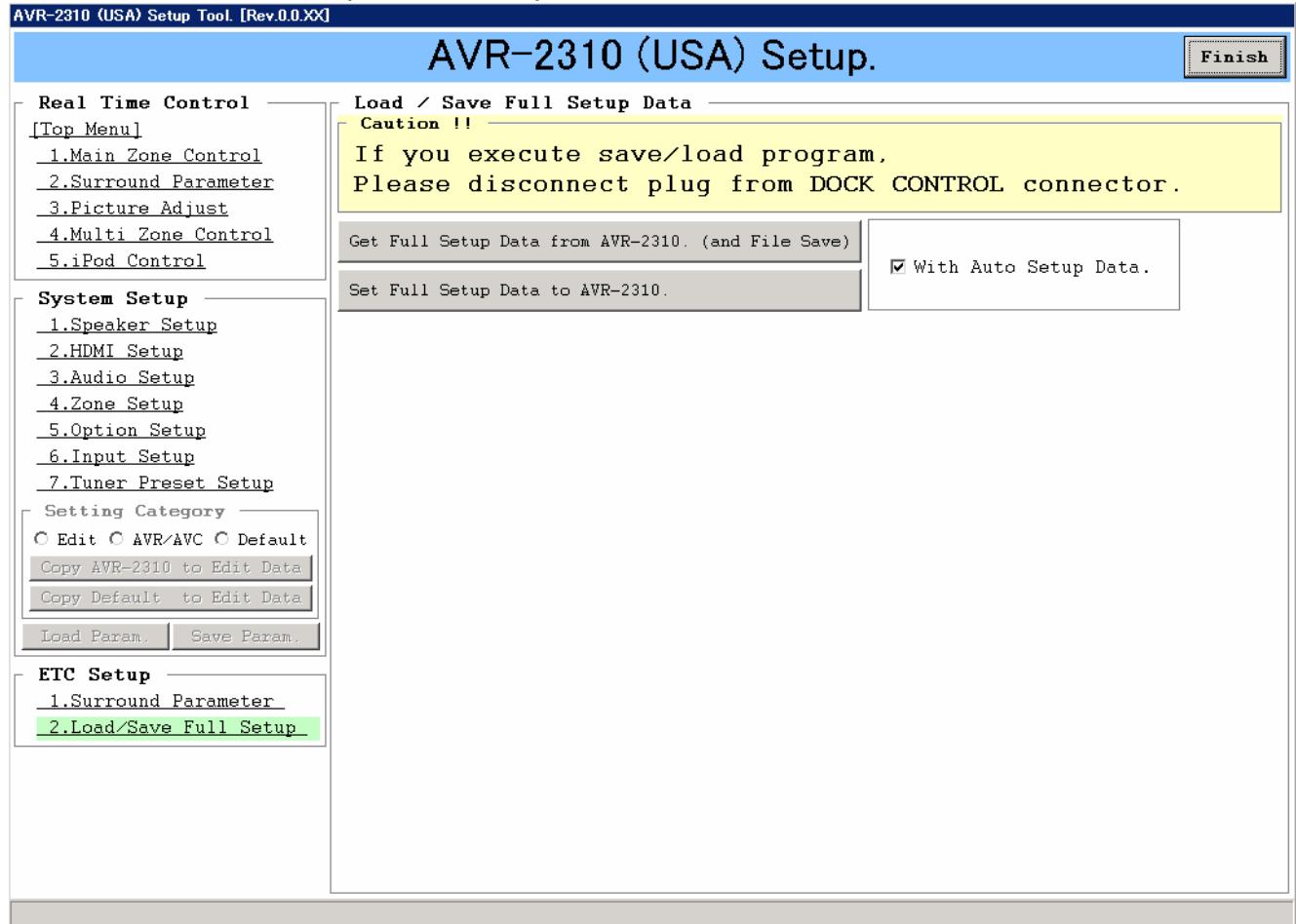
Get Full Setup Data from AVR-2310 (and File Save) Button
: All backup data can be loaded from the AVR2310 connected via RS-232C,
and then those data can be saved to the PC.

Set Full Setup Data to AVR-2310 Button
: All backup data can be set to the AVR2310 connected via RS-232C.