

# FTDX101D

## Firmware Upgrade Manual

### **Important**

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This firmware is dedicated to the FTDX101D.

Before downloading this software, please read the “Important Notes” carefully.

Downloading this firmware will be taken as indicating your agreement with the contents of the “Important Notes”.

“Transceiver” is used hereafter to refer to FTDX101D transceiver.

### **Important Notes**

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- All responsibility for the usage of this firmware lies with the customer. We cannot be held responsible in any way for any damages or losses which may be incurred by the customer as a result of using this firmware.
- Before updating the firmware, it is recommended to back up the memory data saved in the memory channel and the setting data of the setting menu. Refer to “Saving Memory data and setting Menu data” described in the Operation Manual for the backup method.
- Copyrights and all other intellectual property rights for the firmware, as well as the manual, are the property of YAESU MUSEN CO., LTD.
- The revision and modification of this firmware is prohibited. Redistribution, transfer, and resale of downloaded files are also prohibited.
- Downloaded files may only be used for personal use.
- If you cannot perform firmware upgrading yourself, please consult with one of our sales sites or service centers.

### **Regarding this Firmware**

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MAIN, DISPLAY, IF DSP (MAIN DSP / SUB DSP), SDR (MAIN SDR / SUB SDR) and AF DSP firmware are available for the FTDX101D transceiver. Check your firmware version, and perform firmware upgrading when needed.

### **SD card preparation**

To update the firmware, you will need to format (initialize) the SD card in advance on the FTDX101D. For the SD card that can be used and how to format it, refer to “Using the SD Card” described in the Operation Manual.

## Downloading the Firmware

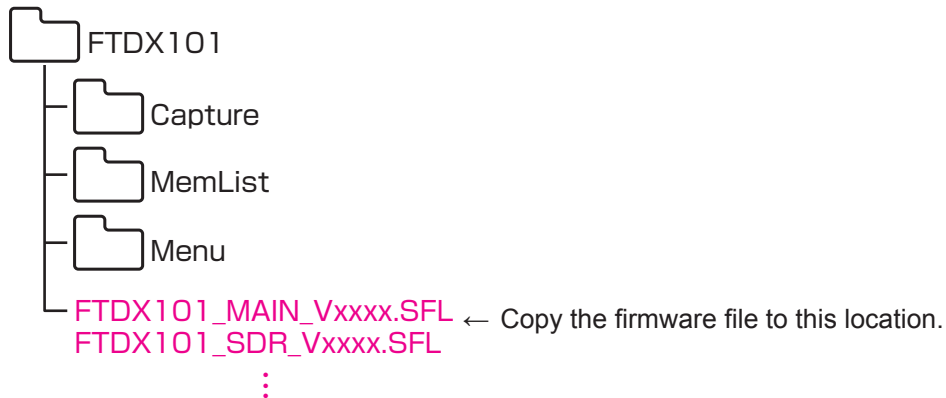
1. Download the “firmware: FTDX101\_Firmware update\_xxx\_xx\_xxxx.zip” compressed file from our website.
2. Unzip the downloaded file.

The firmware file (extension is SFL) is in the “FTDX101\_Firmware update\_xxx\_xx\_xxxx” folder that is generated at the time of extraction.

3. Copy the firmware to the FTDX101D formatted SD card.

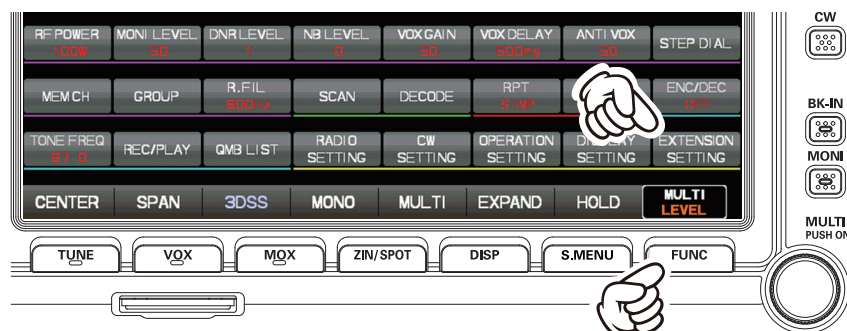
**Note:** Copy the file directly under the “FTDX101” folder. Do not copy into the “Capture”, “MemList” and “Menu” folder. If you copy to anything other than under the “FTDX101” folder, you will not be able to update as it will not recognize the file.

The folder configuration in the SD card formatted with FTDX101D is as shown below.



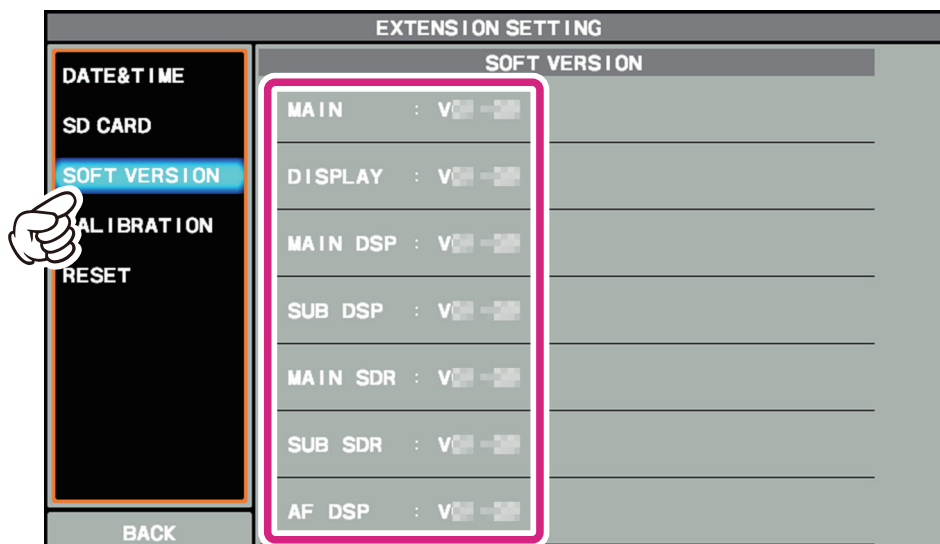
## How to Confirm the Firmware Version

1. Press the [FUNC] key, and then touch [EXTENSION SETTING].



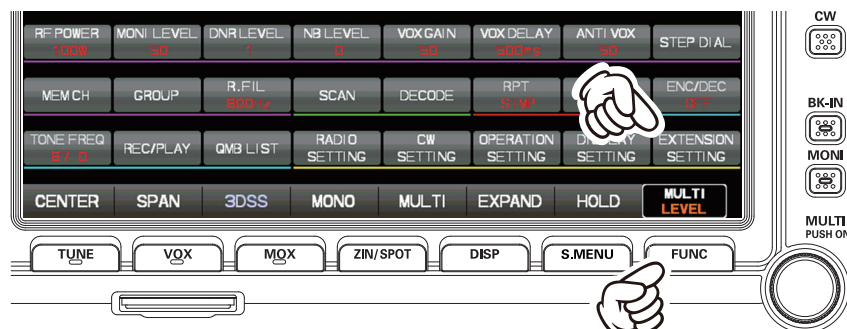
2. Touch [SOFT VERSION].

The versions of each firmware will be displayed on the TFT screen.

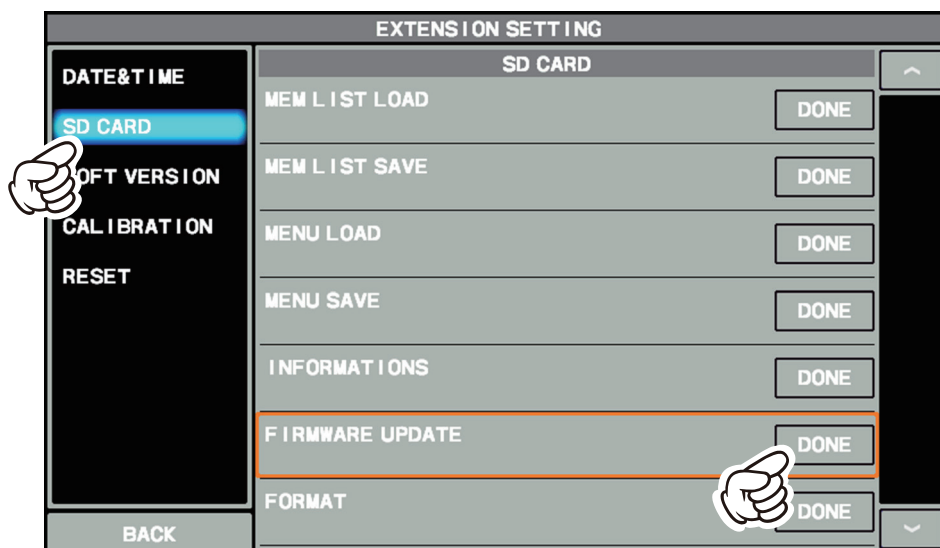


## How to Update the Firmware

1. Turn the transceiver OFF.
2. Insert the SD card with the firmware written into the SD card slot.
3. Turn the transceiver ON.
4. Press the **[FUNC]** key, and then touch **[EXTENSION SETTING]**.



5. Touch **[SD CARD]**, and then touch **[DONE]** on the **[FIRMWARE UPDATE]** item.



6. A list of firmware stored in the SD card is displayed.



• “✓” :

Firmware to be updated.

If the firmware is newer than the firmware in the transceiver and it is not marked “✓”, touch the ☐ part and mark “✓”.

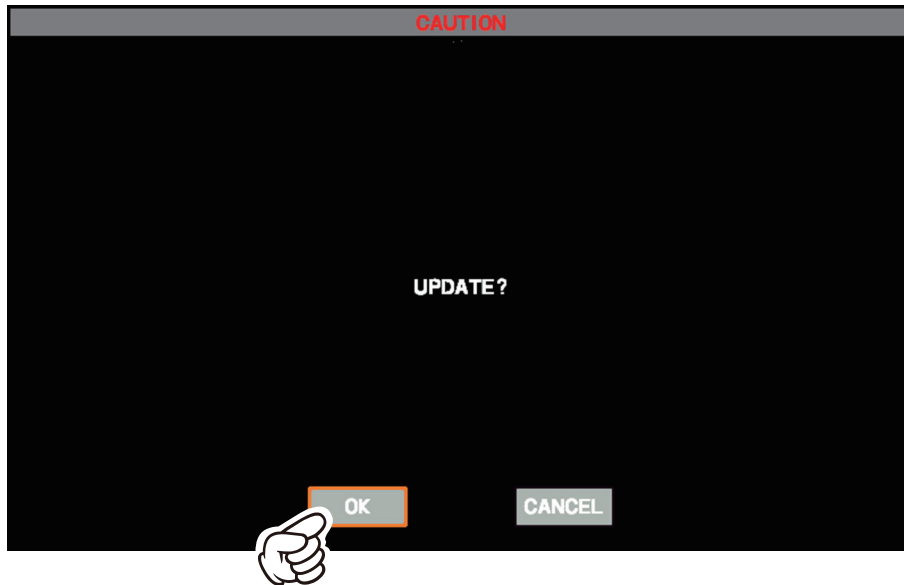
- Ready: Updateable file  
The same version as the firmware in the transceiver, and it is also displayed when the update is not necessary.
- (Broken file) : The file is corrupted for some reason.  
Download the firmware file from our website again and try again from the beginning.
- (No such file) : There is no target firmware in the SD card.

7. Touch **[UPDATE]**.

To cancel the update, touch **[CANCEL]**.

8. A confirmation screen for executing the update will be displayed, so touch **[OK]**.

To cancel the update, touch **[CANCEL]**.



9. The update progress indicator is displayed when the firmware transfer begins.

Please wait until the process has been completed.

**Caution!**

**Do not remove the SD card or turn off the transceiver while updating. The update is interrupted and the radio will not operate properly.**

10. When the update is complete, the power is automatically turned off and then automatically turned on.

This completes the firmware upgrading process.

**Note:** If an error screen is displayed during the update, touch the screen to automatically turn the power off → on to return to the normal operation screen, so try again from step 1 again.