

[UPDATING THE EDX-5000A]

1 Introduction

You can update the EDX-5000A's internal software to their latest version by putting the update files onto a USB memory device and copying them to the EDX-5000A to apply the update.

The following two updates are available, and up to two updates are required.

- EDX application (the application for EDX to run on the OS) updates
- EDX firmware, FPGA (internal printed board firmware, FPGA program) updates

Cautions concerning EDX-5000A updates

(1) Cautions prior to commencing updates

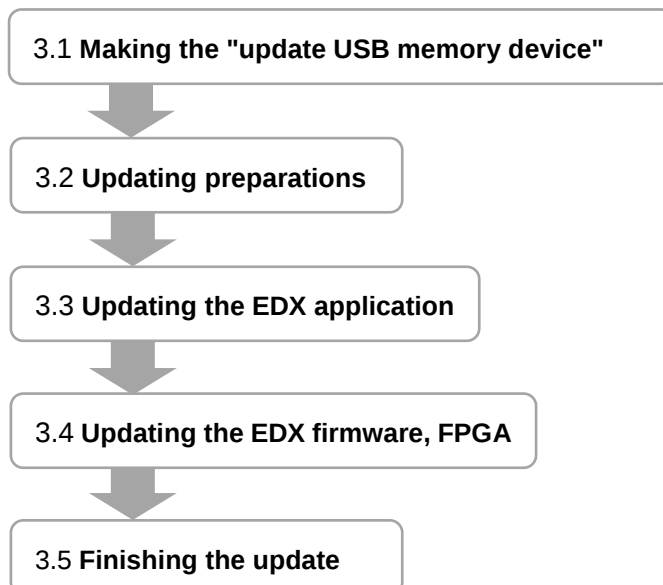
- **Do not downgrade the version** for all EDX application, firmware and FPGA.
- Make sure to perform updates **while connected to the main power supply**.
- Close any open files and software applications.

(2) Cautions during updates

- **Do not turn off the power supply to the main frame** until the update ends.

2 Overall procedures

Follow the following procedure to perform updates.



For the latest versions of update files, see Kyowa's Web site.
All versions described herein are used merely as examples.

3 Updating procedures

3.1 Making the "update USB memory device"

- (1) Prepare a USB memory device.
- (2) Create the "update USB memory device".

Extract the files in "EDX-5000A_UPDATE_V****.zip" provided and move the folders and files within to your USB memory device. ("****" refers to the version number.)

How to extract the zip file:

Tap and hold down (right-click) the zip file and select "Extract All..." from the menu.

Your USB memory should look as follows.

USB memory device

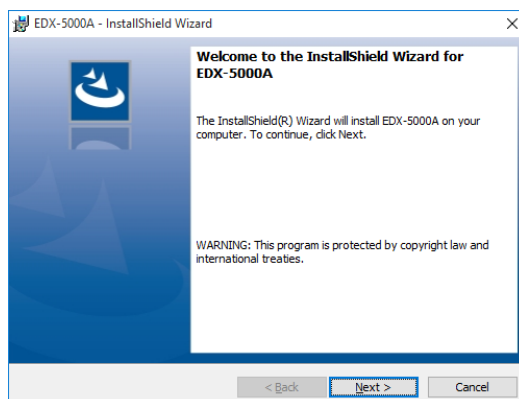
- └ "E5TUPD" folder : EDX firmware and FPGA update files
- └ SetupEDX5000A_****.exe : EDX application update file
- └ UpdatingTheEDX-5000A_Ver.01.01.pdf : The EDX-5000A update manual

3.2 Updating preparations

- (1) Turn ON the EDX-5000A and connect the "update USB memory device" to the USB connector.
- (2) Copy the contents added in Section 3.1 from the "update USB memory device" to the EDX-5000A, and then remove the "update USB memory device".
- (3) Close all EDX applications. You can do this by tapping the "X" button at the top right of the screen.

3.3 Updating the EDX application

- (1) Double tap the "SetupEDX5000A_****.exe" to run it.
- (2) This will launch the installer. Follow the instructions shown to continue with the installation.



- (3) Once the installation is complete, restart the EDX-5000A to apply the update.
You can delete the "SetupEDX5000A_****.exe" file when the update is complete as this file is no longer needed.

3.4 Updating the EDX firmware, FPGA

Use the extracted "**E5TUPD**" folder to perform the update.

For details on the updating procedures, see p.5 "4 How to update the EDX firmware, FPGA".

The EDX-5000A will shut down by itself once the update is complete.

3.5 Finishing the update

This ends the update process.

The update will be applied at the next startup.

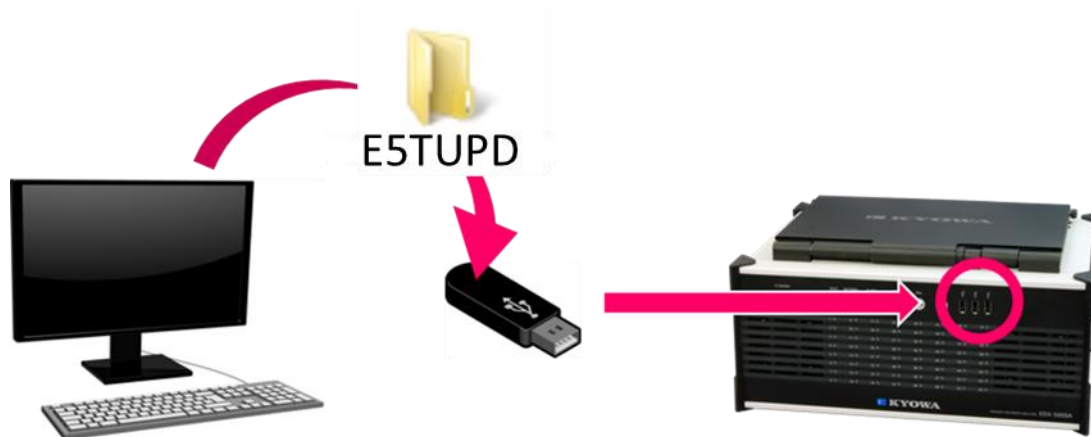
4 How to update the EDX firmware, FPGA

4.1 Preparation

Copy the extracted "**E5TUPD**" folder in their entirety to the USB memory device.

Turn ON the EDX-5000A and copy the "E5TUPD" folder to any location.

After copying over the folder, remove the USB memory device from the EDX-5000A.



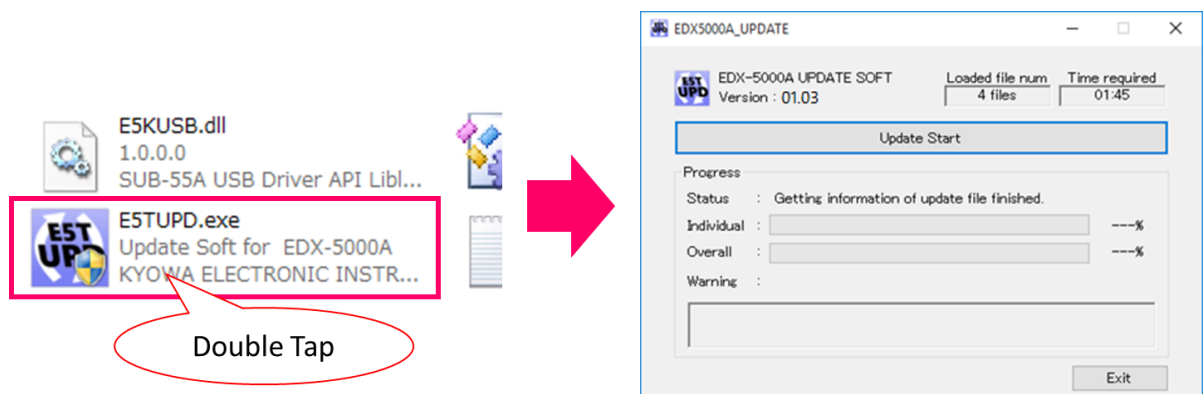
4.2 Launching the update software

Close all applications open on the EDX-5000A.

- ETA-55A, ELA-55A, DAS-200A: Tap the "X" button at the top right of the screen to close.
- Other: Follow the procedure to close the application to close.

Double tap the "E5TUPD.exe" file within the "E5TUPD" folder.

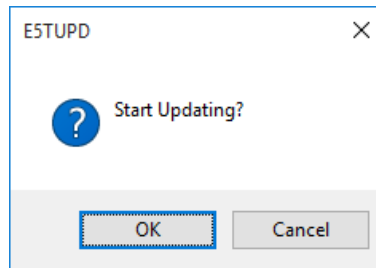
When launching the software, the number of files loaded and the approximate time remaining will appear on the top right of the screen.



4.3 Running the update

Tap the "Update Start" button to display a confirmation dialog box.

Tap the "OK" button to start the update.



4.4 During the update

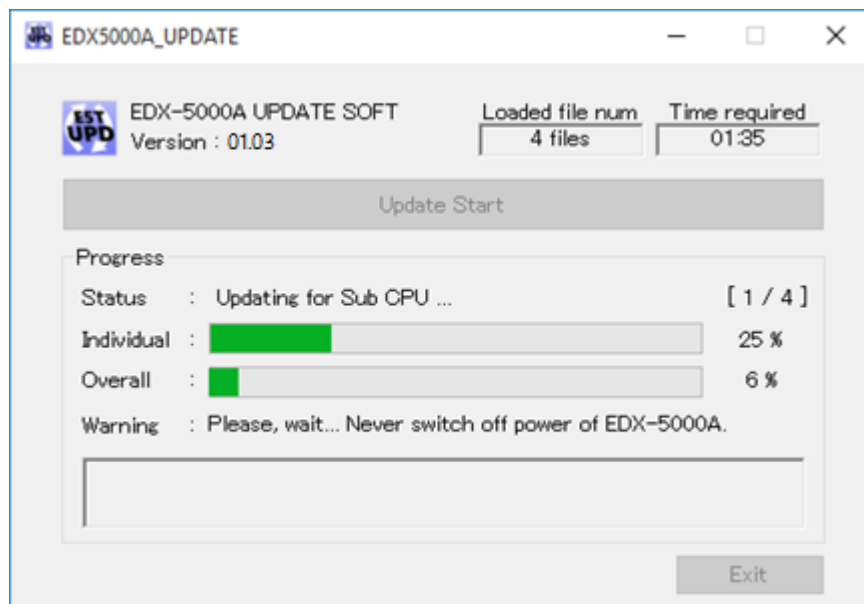
The target for updating will be updated in order of loaded files.

Do not turn off the power supply to EDX-5000A while the update is running.

Check the progress bar for details on update progress.

Please be aware that the approximate time remaining is only an estimate.

The EDX-5000A will shut down automatically once "Overall" bars reach 100%.



4.5 Finishing the update

Automatic shutdown procedures will be performed once all updates have successfully completed.

The update will end once the shutdown is complete.

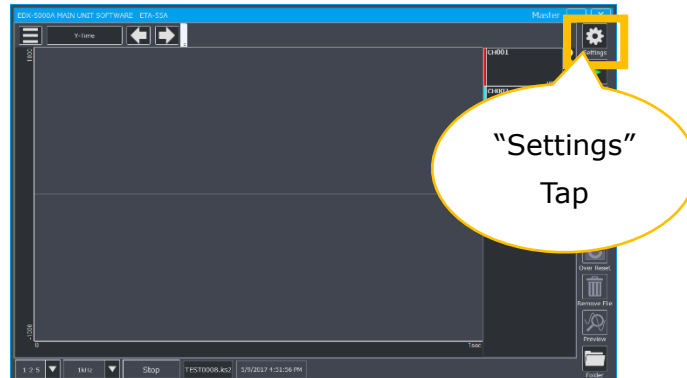
The update will be applied at the next startup.

You can delete the "E5TUPD" folder used when the update is complete as this folder is no longer needed.

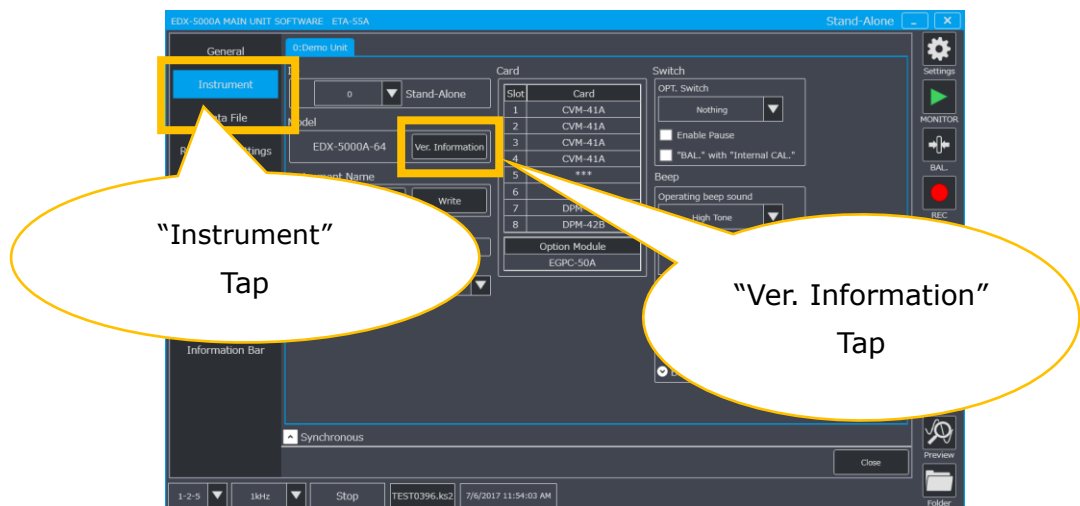
5 Checking EDX-5000A version information

5.1 When using the ETA-55A

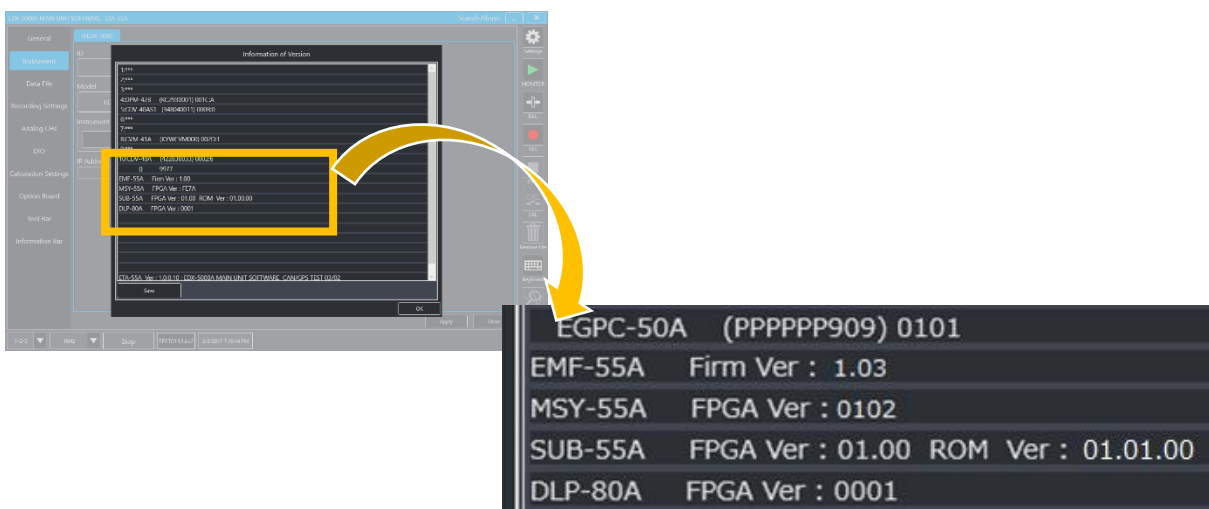
- (1) Turn ON the EDX-5000A and wait for the ETA-55A to start up.
- (2) Once the ETA-55A has started up, tap the "Settings" button on the tool bar.



- (3) Tap the "Instrument" tab, and then tap the "Ver. Information" button under "Model".

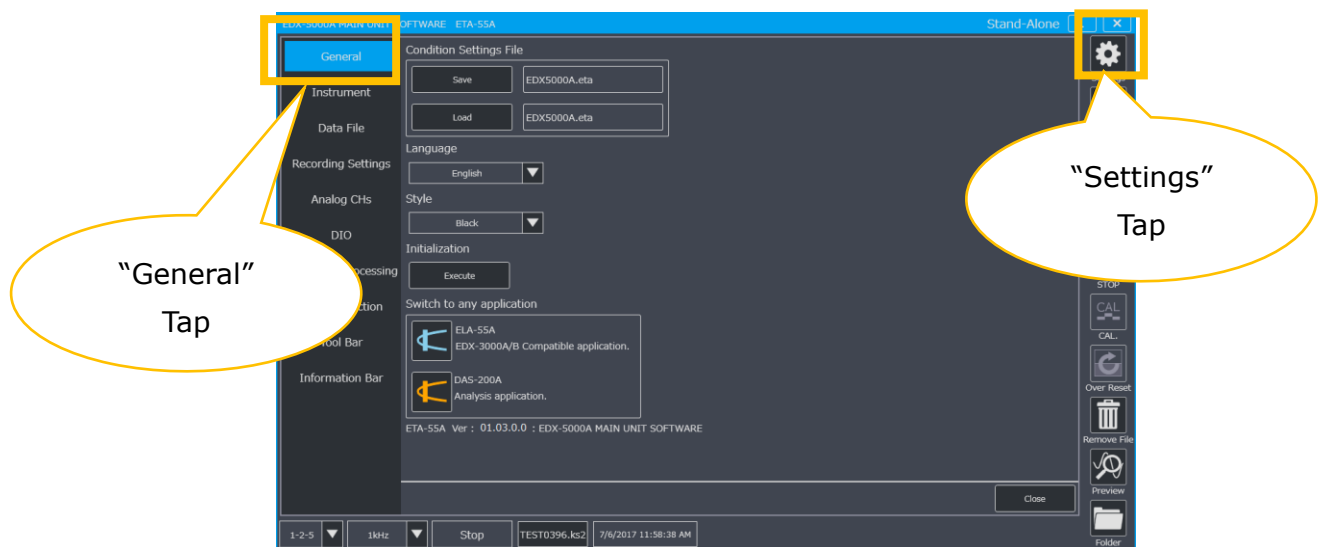


- (4) Here you can check EDX firmware and FPGA version details.

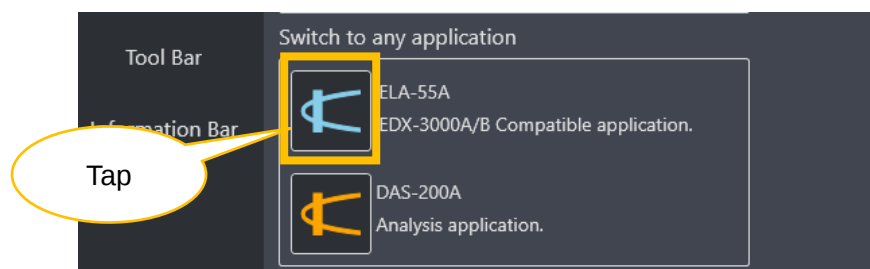


5.2 When using the EDX-3000A/B compatible application (ELA-55A)

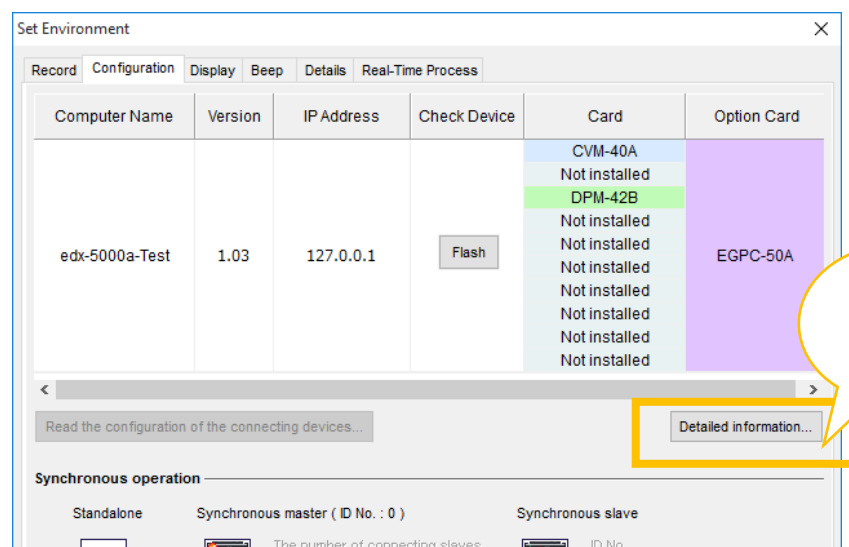
- (1) Turn ON the EDX-5000A and wait for the ETA-55A to start up.
- (2) Once the ETA-55A has started up, tap the "Settings" button, and then tap the "General" tab.



- (3) Tap the button of ELA-55A under "Switch to any application".



- (4) Close the ETA-55A and start up the ELA-55A.
- (5) Tap "Envr.", and then tap the "Configuration" tab.
- (6) Tap the "Detailed information..." button.



(7) EDX firmware and FPGA version details will appear here.

Detailed information

Computer Name

Info

1:CVM-40A (KYWCV005) 0027:3

2:***

3:DPM-42B (KYWDPM000) 001C:8

4:***

5:***

6:***

7:***

8:***

9:***

10:***

edx-5000a-Test

EGPC-50A (PPPPPP909) 0101

EMF-55A Firm Ver: 1.03

MSY-55A FPGA Ver: 0102

SUB-55A FPGA Ver: 01.00 ROM Ver: 01.01.00

DLP-80A FPGA Ver: 0001

Save...

Close