

## About updating the EDX-2000A

To update the EDX-2000A, insert an Update-PC-Card into the PC card slot on the front panel or insert a Update-USB-Memory into the USB port on the back panel. The updating procedure described in this paper is dedicated to the software Ver. 1.05 and higher. (To update the software between Ver. 1.02 to Ver. 1.03, the EDX-2000A should be returned to KYOWA for H-11055.)

Before updating the EDX-2000A, be sure to check the version.

## For taking up the update procedure you will need:

- For using the PC card slot on the front panel: PC Card, Flash ATA card, or CF card + ATA card adapter
- For using the USB port on the back panel: USB memory (requiring 20 MB of free space on the USB memory)
- Update file: EDX\_UPDATExxxx.EXE

Compressed file (self-extract format)

Note that "xxxx" indicates version.

[Example]

When the Software is Ver. 01.23, the update file is as follows.

Update file: EDX\_UPDATE0123.EXE0123

The update file includes update file for the software and update file for the hardware.

## Pre-requisites for updating the EDX-2000A

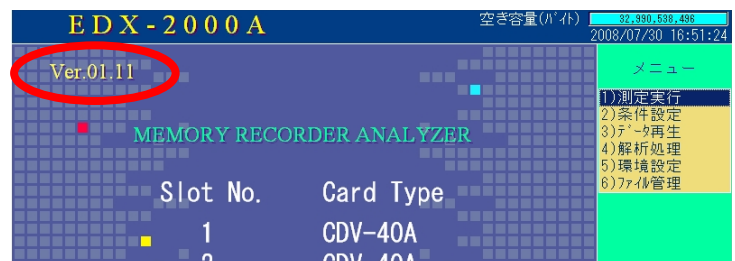
- You need to create an Update-PC-Card or Update-USB-Memory.  
Execute the update file [EDX\_UPDATE.EXE] on the Windows XP or Vista.  
The [EDX\_UPDATE] folder will be created in the same folder.  
Copy the [EDX\_UPDATE] folder into target media.

## For checking versions

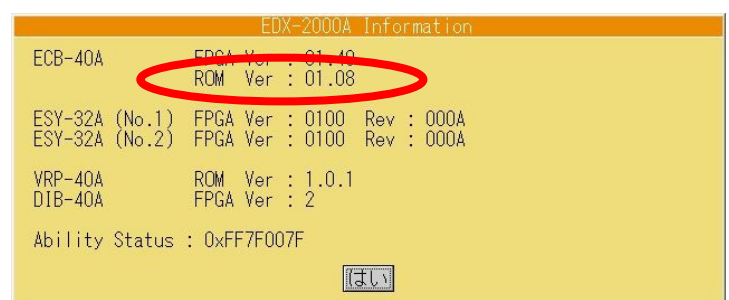
The EDX-2000A has software version and hardware version.

Before updating the EDX-2000A, be sure to check the both versions.

- To check the version of the software  
Start up the EDX-2000A. The startup screen appears.  
The software version appears on the top left corner.



- To check the version of the hardware  
Press the **[Shift]** key + **[→]** key on the startup screen.  
The [EDX-2000A Information] window appears.  
The hardware version appears on the second line.  
ECB-40A ROM Ver: \*\*. \*\*  
Note that "\*\*. \*\*" indicates version.



## 【How to update the EDX-2000A】 2013.03.21 (2/5)

### Version history

Note that the software operates in conjunction with the hardware, be sure to match the software version and hardware version by using the following table.

[Example]

When updating the software from Ver. 1.09 to Ver. 1.20, be sure to update the hardware to Ver. 1.14.

| Software | Hardware | Major changes                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.23     | 1.15     | Added custom-made conditioner cards.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1.22     | 1.15     | Bug fix: Incorrect balance adjustment operations regardless of the "Balance ON/OFF" settings.                                                                                                                                                                                                                                                                                                                                                                 |
| 1.20     | 1.14     | Bug fix: Error when loading TEDS information of some TEDS-based acceleration transducers, supported by the CCA-40A.                                                                                                                                                                                                                                                                                                                                           |
| 1.19     | 1.13     | Added the FPGA Ver.4 of the CDV-44AS, CDA-44AS, and CDA-45AS.                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1.18     | 1.12     | Enhanced the external-oscillator-check-function.                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1.17     | 1.11     | Bug fix: Error when selecting the FFT analysis (in the software Ver. 01.06 only)<br>Bug fix: Error when loading some TEDS information.                                                                                                                                                                                                                                                                                                                        |
| 1.16     | 1.10     | Bug fix: The "DPM oscillator" was Error (over range) regardless of the DPM-42A status.                                                                                                                                                                                                                                                                                                                                                                        |
| 1.15     | 1.09     | Improved the zero-remaining phenomenon after executing the internal sensitivity compensation in the CDV-40B/A (-F).                                                                                                                                                                                                                                                                                                                                           |
| 1.14     | 1.09     | Added custom-made conditioner cards.<br>Added internal-sensitivity-compensation-function, in the Voltage mode, of the CDV-40B/A (-F).                                                                                                                                                                                                                                                                                                                         |
| 1.13     | 1.08     | Bug fix: When selecting, copying, or deleting files, some folder selection dialog box were not shown.                                                                                                                                                                                                                                                                                                                                                         |
| 1.12     | 1.08     | Added custom-made conditioner cards.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1.11     | 1.08     | Added the CDV-40B and CDV-40B-F.<br>Bug fix: Hang up after pressing [SHIFT] key + [F2] key, with a not-existing folder name, when setting a parameter name or data folder name.                                                                                                                                                                                                                                                                               |
| 1.10     | 1.08     | Bug fix: When the number of recording data was specified in the Trigger measurement, extra data was recorded.<br>Bug fix: When the Pre Trigger Data Delay was specified "0" in the Trigger measurement, the REC LED did not light up while recording data.                                                                                                                                                                                                    |
| 1.09     | 1.07     | Bug fix: When copying files, some [Cancel] buttons were invalid.<br>Bug fix: When copying files, the [ESC] key did not work properly.<br>Bug fix: Hang up after pressing the [Voice Memo] button on the file selection window while reproducing data.<br>Bug fix: The first slot was not recognized correctly immediately after the start-up.                                                                                                                 |
| 1.08     | 1.06     | Bug fix: When turning OFF the power while recording data, some data file was deleted.<br>Bug fix: Some negative (-) scales were not shown, depending on the number of gridlines while reproducing data.<br>Changed the color of the POWER LED by using the AC power supply immediately after the start-up; From green (fully charged the battery unit for instantaneous power failure) to orange (charging the battery unit for instantaneous power failure). |
| 1.07     | 1.05     | Bug fix: When a dot "." was included in the file name, some file information was not shown correctly when selecting a file.<br>Bug fix: Combination error of the Sample Point and the Sample Times on the CAN communication conditions.                                                                                                                                                                                                                       |
| 1.06     | 1.05     | Added the DPM-42A (-F) and CCA-40A(-F).                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.05     | 1.03     | Added the CAN-40A, DAC-40A, CFV-40A, CTA-40A, and CDV-40A-F.<br>(To update the software Ver. 1.05 or lower, the EDX-2000A should be returned to KYOWA.)                                                                                                                                                                                                                                                                                                       |

## ① To update the software

(Start up the EDX-2000A.)

↓

(Insert an Update-PC-Card or Update-USB-Memory.)

↓

(With the **SHIFT** key pressed, select the [Time] on the [Environment] main menu.)

↓

The [Date and Time] window appears.

↓

↓

(Set "0101/01/01 01:01:01".)

↓

(Press the **ENTER** key.)

↓

↓

The [Software Update] dialog box appears.

↓

The **Exec** button is active.

↓

(Press the **ENTER** key or click the **Exec** button by using the mouse.)

↓

↓

The EDX-2000A software terminates automatically.

↓

The update program (for software) starts up automatically for updating.

↓

Never touch the EDX-2000A while updating it.

↓

↓

After the updating completes,

↓

The EDX-2000A software starts up.

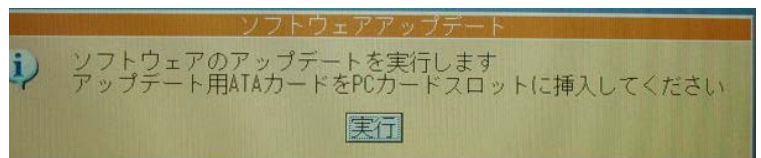
↓

(Make sure the version (Ver. \*.\*.\*) on the top left corner is the latest one.)

↓

(Before updating the hardware described on the next page, make sure the hardware is old version.)

↓



## ②To update the hardware

(After the updating (①) completes...)

↓ Make sure the following items.

- The updating (①) completed.
- The EDX-2000A software is running.
- The Update-PC-Card or Update-USB-Memory is being inserted.

(With the **SHIFT** key pressed, select the [Time] on the [Environment] main menu.)

↓

(The [Date and Time] window appears.)

↓

↓

(Set "0202/02/02 02:02:02".)

↓

(Press the **ENTER** key.)

↓

↓ The [Software Update] dialog box appears.

↓ The **Exec** button is active.

↓

(Press the **ENTER** key or click the **Exec** button by using the mouse.)

↓

↓ The EDX-2000A software terminates automatically.

↓ The update program (for hardware) starts up automatically for updating.

↓ Never touch the EDX-2000A while updating it.

↓ After the updating completes, the "Update completed" message appears. **OK** button appears.

↓

(Click the **OK** button on the update program.)

↓

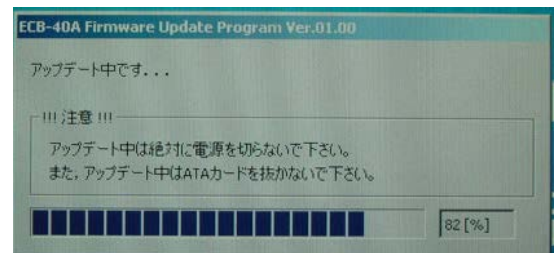
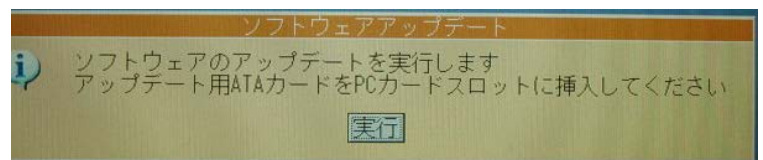
↓ The EDX-2000A software starts up.

↓

(Press the **Shift** key + **→** key on the startup screen.)

Make sure the version (ECB-40A ROM Ver \*\*. \*\*) is the latest one.

NOTE: Before updating the hardware described on the next page, make sure the hardware is old version.  
For details, see the version history.



### ③To confirm versions

- (1) Start up the EDX-2000A for checking the versions.

For details, see "For checking versions" on the top page.

- (2) Renew the "Identification Sticker" on the back panel (under the keyboard connector).

(Kyowa puts the "Identification Sticker" for checking the software version from outside of the EDX-2000A, at the time of the shipment.

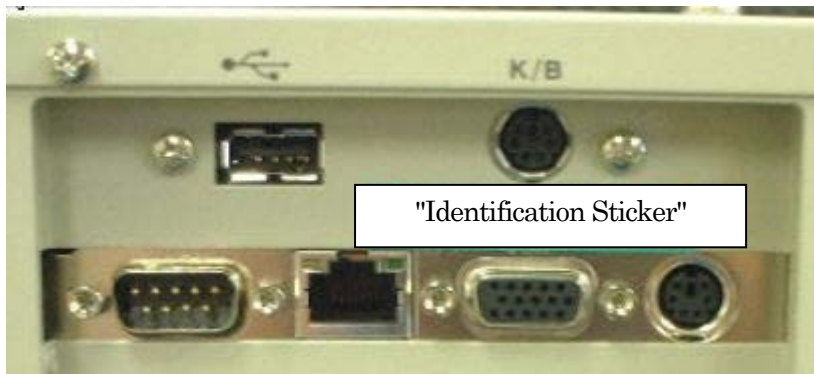
Please take a moment to renew the "Identification Sticker" when updating the EDX-2000A.)

The "Identification Sticker" consists of 6 numbers, "111\*\*\*\*".

The first 3 numbers indicate the software version. The "111" indicates the software Ver. 1.11.

Renew the first 3 numbers on the "Identification Sticker" into the current version number.

(The last 3 numbers "\*\*\*\*" are for KYOWA. Do not change them.)



Back panel of the EDX-2000A

Note that the "Identification Sticker" indicating "Supports new cards" is put on software Ver. 1.09 or lower.

Put on the new "Identification Sticker", indicating the current software version, on the left of the sticker.