



# Xpansion Updater Instruction manual

Ver. 1.3

Thank you using our products.

This manual is for using the update firmware for the Xpansion Unit EXP-104.

## Agreement of using this software

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- Agreeing to this permission condition, you permit the installation and use of Xpansion Updater(later calling this software).
- This software, the condition above being composed of executable file, dynamic-link library, configuration file, sample data file, which contains all and the library which is added in the future is included in this software.
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- We might update the contents of this book without any notice for revise of the goods. We might also update the software without an advance announcement.

# Before Updating

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- If you update this firmware, Model data will be cleared in your Xpansion.  
We recommend backing up the data using the Xpansion manager before updating.  
※ Please view our company site concerning the usage of the Xpansion manager.
- Before updating the firmware, please end any other software which is operational on the personal computer. When the firmware update is not possible, please update your security software safe list to include this software or disable the security software temporarily.

## Warning

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- After the start of the update, please do not remove the connection of Xpansion Unit, pull out the ICS USB adapter, or turn off the power of the PC.
- If you use a portable PC as your PC, please use the AC adapter with your PC.
- If it fails to update the Xpansion unit, **it will may be does not work.**  
In such a case, please contact our technical dept.

## Prepare device for using (sold separately)

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### • ICS USB Adapter HS ( or ICS USB Adapter)

This is an interface for our products with a PC.

Please purchase from a shop that sells our products. ( or ask Distributor)



Please install the driver for ICS USB device to your PC. (Please read manual for ICS USB Adapter HS)

Please refer to the manual of ICS USB adapter HS for the installation method of the driver.

Please use the latest version KO Driver 2015. If you use an older version driver, there are times when there is an error.

You can download KO Driver 2015 from our site.

<https://www.kopropro.co.jp/en/supports/view/15>

### • Personal Computer

This software supports Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10 (32/64bit)  
The PC must support USB 1.1 or 2.0.

※ .NET Framework 3.0 or later is required.

### • Xpansion Unit EXP-104

The update is performed to a single Xpansion Unit.

※ **Please remove the Xpansion Unit from the Master Unit when updating the files.**

### • Software and updates

Please download from our site as below URL.

<https://www.kopropro.co.jp/en/supports/#scata4>

# The explanation of operation

※ If you update this firmware, **Model data will cleared in your Xpansion.**

We recommend backing up the data using the Xpansion manager before updating.

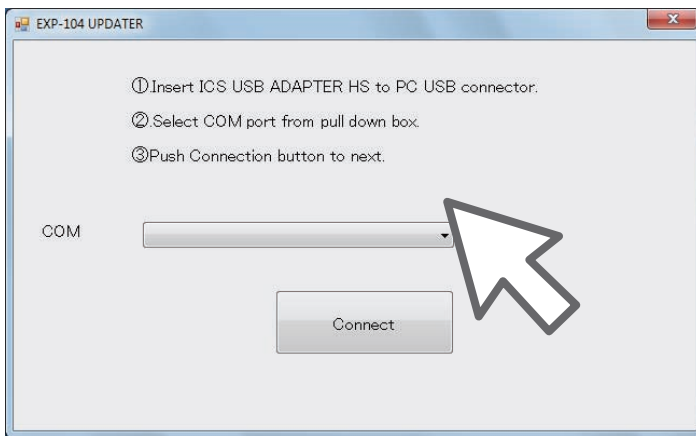
1) Please extract files from the downloaded files.

After decompressing the file, the extracted files should be stored to a file.

名前	更新日時
af-NA	2016/02/05 14:13
ja	2016/02/05 14:13
ja-JP	2016/02/05 14:13
TempPE	2016/02/05 14:13
EXP-104 Updater Ver.1.0	2016/02/04 11:34
ManagedDevices.dll	2011/11/30 15:32

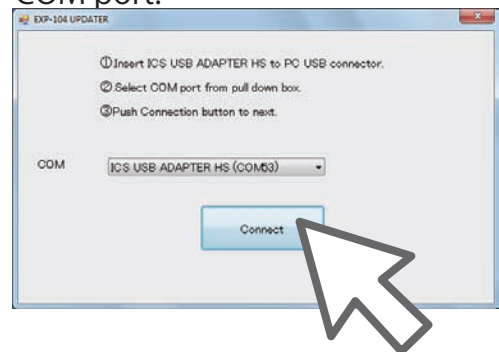
PC Software application for the update is "EXP-104 Updater Ver.1.0.exe".

2) When application is run, please follow the procedures for the update in the display.



(1) Insert ICS USB ADAPTER HS to USB port of the PC.

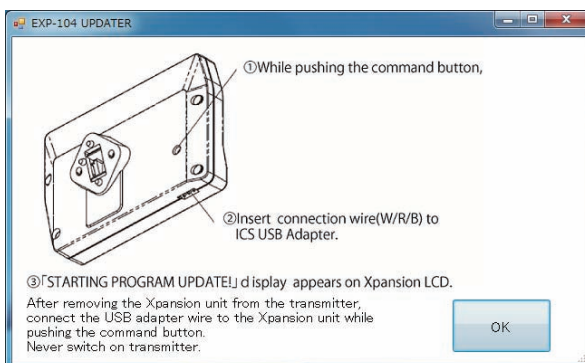
(2) Click pull down box "▼", then select the COM port.



※ Please refer to the manual of the KO Driver attachment in regards to the COM port number.

(3) Pushing the connected button to advance next.

3) Connect the USB adapter wire to the Xpansion unit while pushing the command button.



- (1) **After removing the Xpansion unit from the transmitter,**
- (2) **connect the USB adapter wire to the Xpansion unit while pushing the command button.**

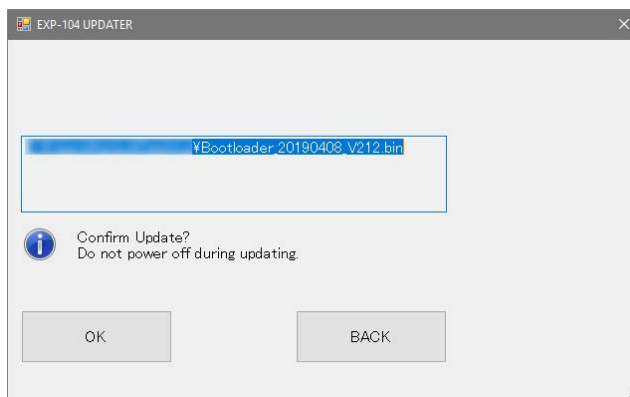
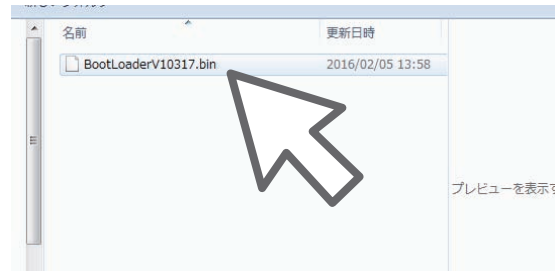
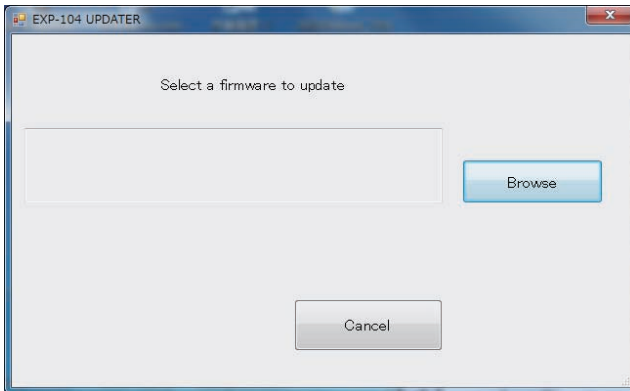
When the ICS is connected to the Xpansion Unit, "STARTING PROGRAM UPDATE!" will appear on the display screen.

If another message appears on the screen, please retry the connection to Xpansion again.

# The explanation of operation

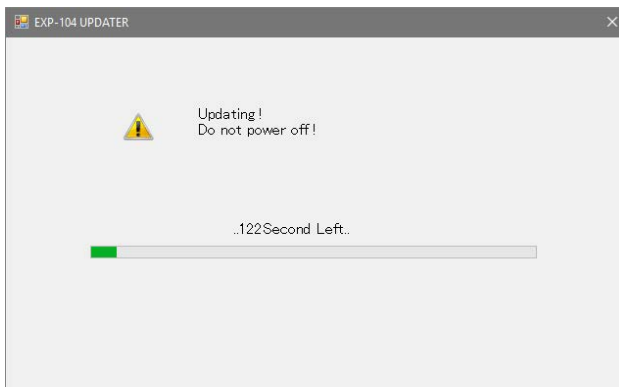
4) Please click refer button when "Select firmware to update" is displayed.

Click "Browse" and Please select "BootLoader\_XXXXX\_Vxxx.bin" in the Update files folder.

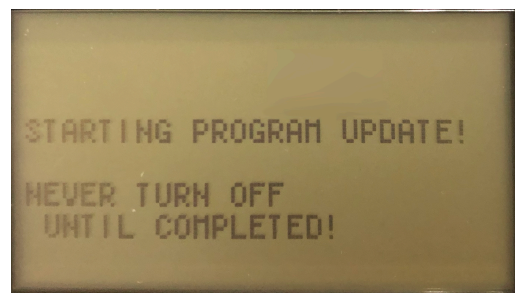


Display are changed as left figure when select the file. Updating will be start when click the "OK".

Remain times are displayed in the PC when starting update.



Xpansion screen display as below when updating.



**Note!** Until instructed from software, do not remove cable from Xpansion or from PC.

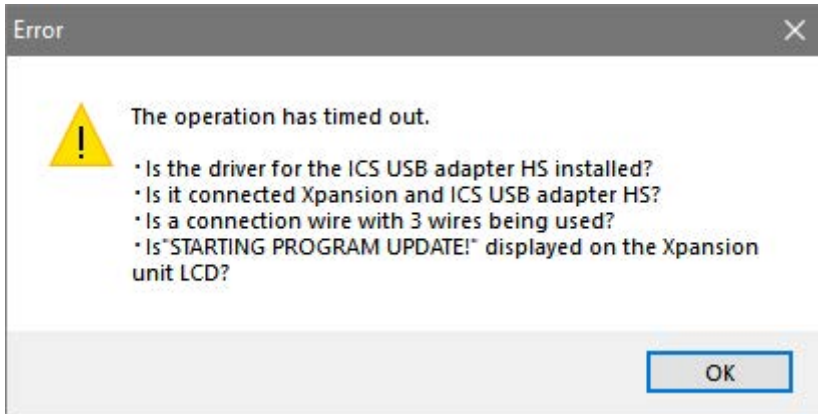
# How to respond of when update stopped with not complete.

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If update are stopped with not complete and show Error on the PC, **do not remove connection cable from Xpansion and from PC.**

If update stopped with not complete and show Error on the PC, do not remove connection cable from Xpansion and from PC. Firmware will be deleted by update before write new firmware. So, if case of removing cable when updating, firmware are losted. And it will be can not work and can not update too.

**If happen error, don't remove connection cable from Xpansion and from ICS USB adaptor definitely. And operate as below.**



- ① Please confirm your PC conditions.
    - Stopped Internet connection (Other Streaming delivery or updating ,etc)
    - Stop task in background of the PC.
  - ② Please click "OK" in the error screen.
  - ③ Screen of Xpansion unit will be back to the COM Selection, Please operate again from section 2 in the page 4 by instruct of screen.
- ※ "Cable connection at P4. 3)" have done, so, please confirm display "Starting Program Update!"

④ **If this error is appear, this error will be happen at least 2 times. Please retry until appear "complete"**

※ If can not update, can not complete, in case of these abnormal situation are happen, please confirm support information in our site, or contact to our after service dept.

## Operation of after update.

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When turn on power after update, data initialized operation may be happen. This is software specification that operate automatically in case of data format need be changed after update. Your data will be deleted. if you need data, please use Xpansion Manager for using old setting data

