Xpansion Updater
Instruction manual

Ver. 1.1

First

Thank you using our products.
This manual is for using the update firmware for the Xpansion Unit EXP-104.

Agreement of using this software

· Agreeing to this permission condition, you permit the installation and use of
  Xpansion Manager (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

・If you update this firmware, data is not 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 ICS 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

・After the start of the update, please do not remove the connection of Xpansion Unit, pull out the
　ICS USB adapter, or turns off the power of the PC.
・If you use a portable PC as your PC, please use the AC adapter with your PC.
・If you can not update the Xpansion unit, **you can not use your Xpansion Unit.**
　In such a case, please contact our technical dept.

Prepare device for using (sold separately)

- **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.
　　http://www.kopropo.co.jp/sys_en/support/download-soft#KOdriver2015

- **Personal Computer**
　This software supports Windows Vista, Windows 7, Windows 8, Windows 8 .1, Windows10 （32/64bit）
　The PC must support USB1.1 or 2.0.

　※ .NET Frame work3.0 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.**
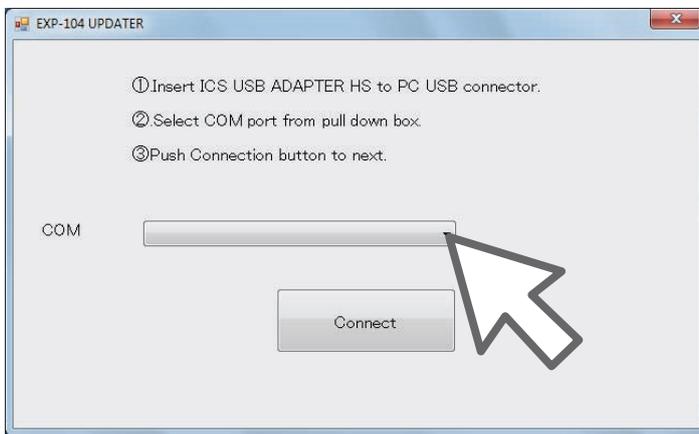
The explanation of operation

1）Please extract files from the downloaded files.

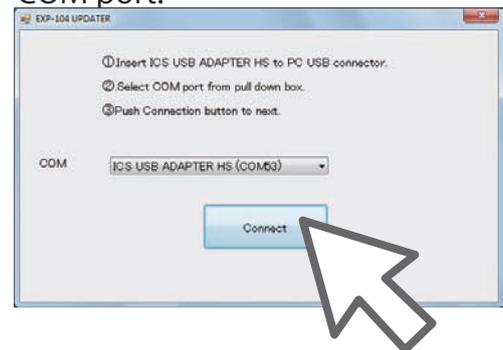   After decompressing the file, the extracted files should be stored to a file.

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".

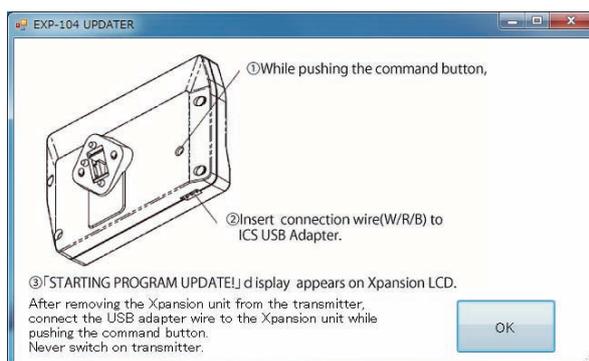2）When application is run, please follow the procedures for the update in the display.

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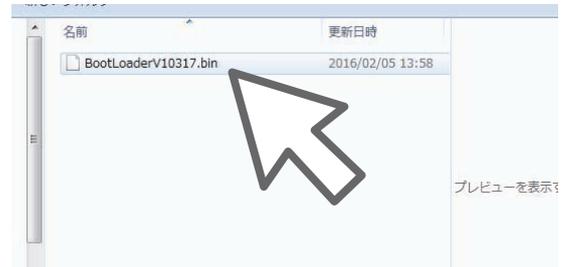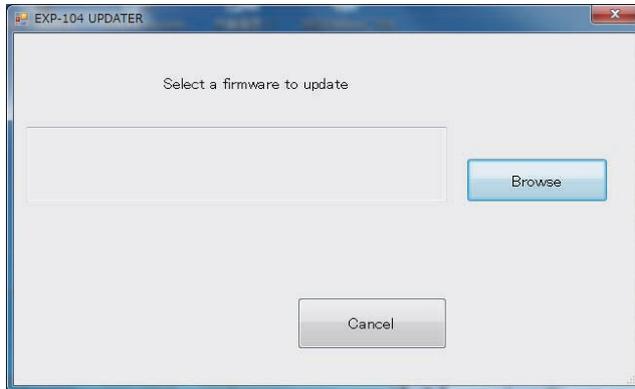
If another message appears on the screen, please retry the connection to Xpansion again.

The explanation of operation

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

Please select "BootLoader_16xxxx_V1xx.bin" in the Update files folder.

Note! **Until there is the specification on the software, please do not turn off power and / or do not remove connection.**

※Update is not possible when there is an abnormality, please verify information of support from our company site, or consult to our company service department.