

PC-LINK MANAGER 3 (PC LINK MANAGER 3)

●PC-LINK MANAGER3 is the software to connect your M12S to your PC and save log data or model data recorded by M12S, or to update M12S software.

●The log data saved in PC can be seen graphically by using spreadsheet program etc.

●Compatible PC-LINK connector is mini-B type connector of male-type.

Please prepare for the compatible PC-LINK code for your PC.

○PC-LINK MANAGER 3 is the software compatible with Windows 7/Vista.

○PC-LINK MANAGER 3 can be downloaded from our website(<http://www.sanwa-denshi.co.jp>)

○Notice about software: Please note that we shall not be responsible for any loss and damages caused by using this software, regardless of legal basis.

By using this software, you shall be deemed to have agreed to the above.

Caution: Please download Microsoft NET Framework 4 from website of Microsoft
if your PC do not have NET Framework 4. If NET Framework 4 is not downloaded
in your PC, when PC-LINK MANAGER 3 is started, error message will come out.

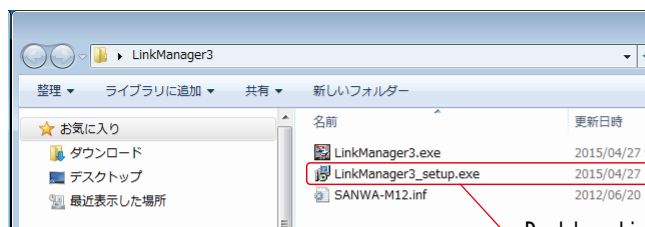
INSTALLATION OF PC-LINK MANAGER 3 SOFTWARE

Please make sure that no other application is open before starting to install PC-LINK MANAGER 3 software.

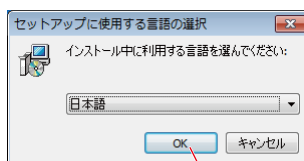
1)Decompress the compressed file (LinkManager3.zip) by double click.

2)Double-click the file (PC_app).

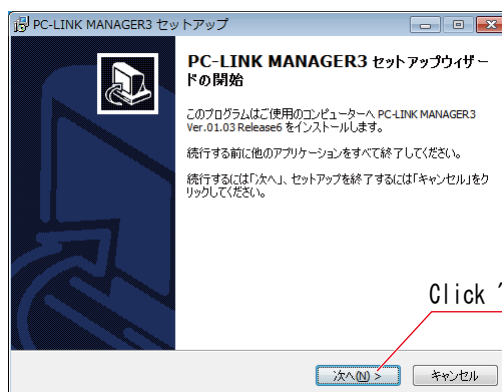
1.Double-click Link Manager3 setup.exe to install.



2.Select Language

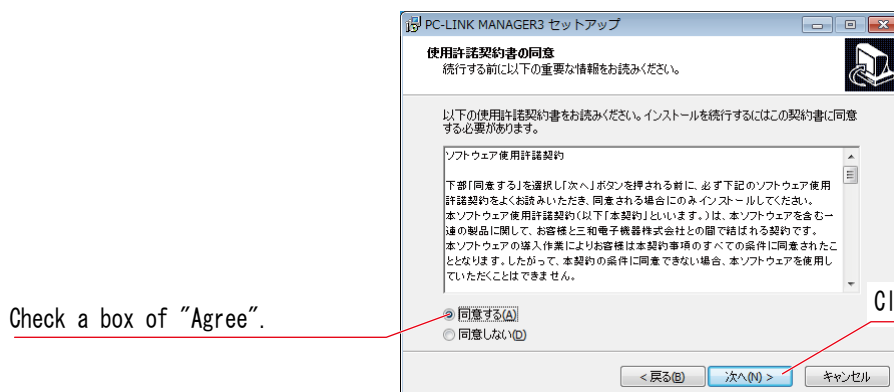


3.Click "Continue" in Setup Wizard displayed.

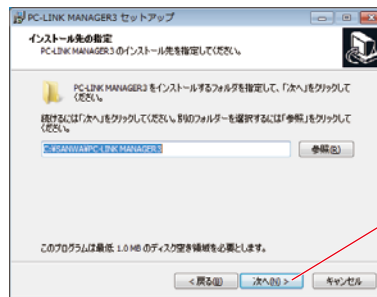


4. Agree to license discription and click "Continue".

*If you do not agree to license discription,
click "cancel" and stop installation.

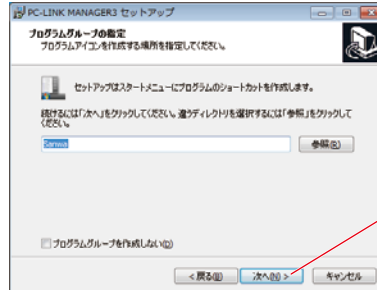


5. Select software destination.
Click "Continue".



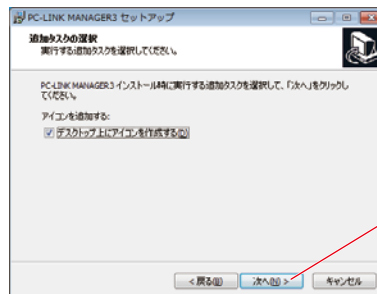
Click "Continue".

6. Select Programming Icon destination.
Click "Continue".



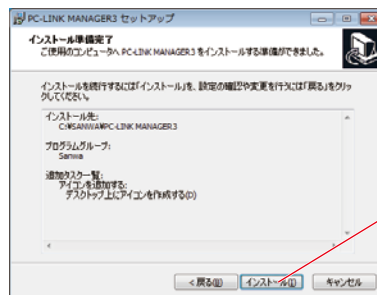
Click "Continue".

7. Select additional task.
Click "Continue".



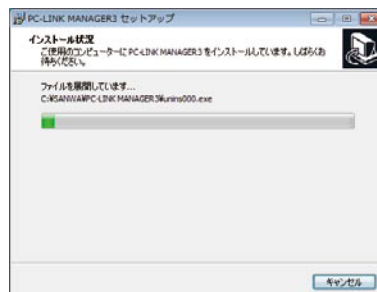
Click "Continue".

8. Final confirmation of installation.
After click install, installation will be started.



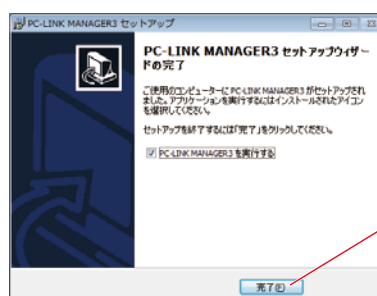
Click "Install".

9. Installation progress is displayed.



10. After installation is complete, the complete of Setup Wizard will be displayed.
Please click "Finish".

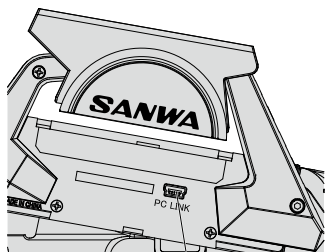
●Shortcut Menu come in Desktop.
Please click this shortcut menu or select PC-LINK MANAGER3 from Startup Menu to start software.



Click "Finish".

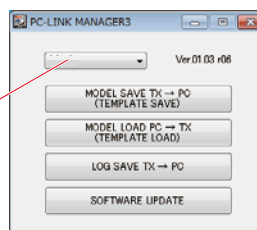
Driver Software of PC-LINK Code

Update Driver Software in PC-LINK MANAGER3 software file before starting PC-LINK MANAGER3 software.
Without update, PC-LINK MANAGER cannot be started.



PC LINK CONNECTOR

Without update, PC-LINK
MANAGER cannot be started.



Windows 7/vista

Connect M12S into your PC by PC-LINK Code, Power on M12S.

1. Open device manager of your PC.

Process: "START"→"CONTROL PANEL"→"HARDWARE and SOUND"→"DEVICE MANAGER"

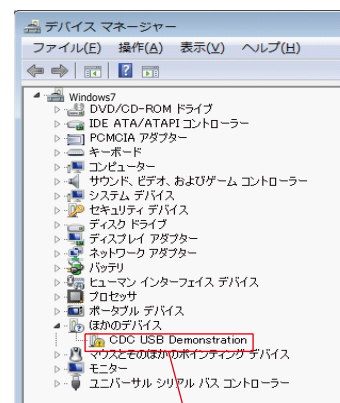
2. Confirm "CDC USB Demonstration" in "Other Device".

3. Right-click "CDC USB Demonstration" to update driver.

4. Click "Browse my computer for driver software"

5. Select the folder where PC-LINK MANAGER3 (pc_app) is saved and click "Next".

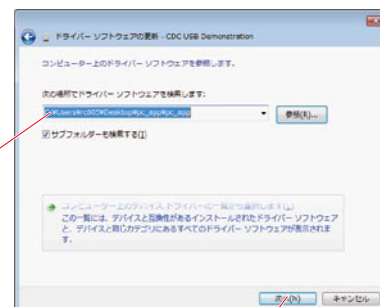
6. Install driver software.



Right-click

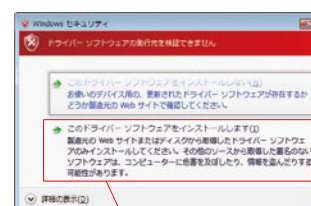


Click



Select the folder for
PC-LINK MANAGER3.

Click "Continue".

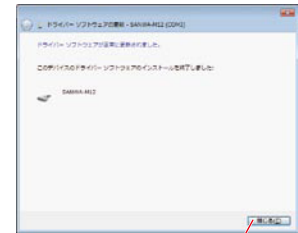
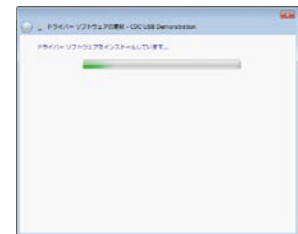


Click

7. Installation progress will be displayed.

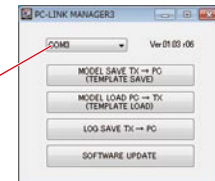
8. Driver software is updated.

9. When driver software is updated, COM NO. will be displayed.



Click "Close".

COM NO. depends on your PC.



HOW TO USE PC-LINK MANAGER3

●HOW TO USE PC-LINK MANAGER3

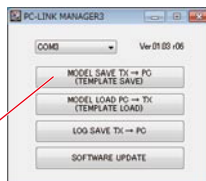
- 1) Connect PC Link Code to your PC.
- 2) Connect PC-LINK Code to M12S and switch M12S on.
- 3) Start PC-LINK MANAGER3.

MODEL SAVE

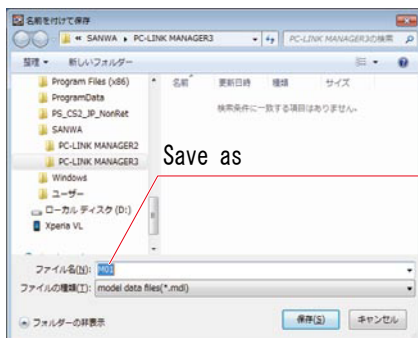
●How to save and manage model data for M12S in your PC.

- *Model data which is selected by selector will be saved.
- 1) Select "SAVE MODEL" in "PC LINK Menu" by multi-selector.
- 2) Click "MODEL SAVE TX→PC" in PC-LINK MANAGER3.

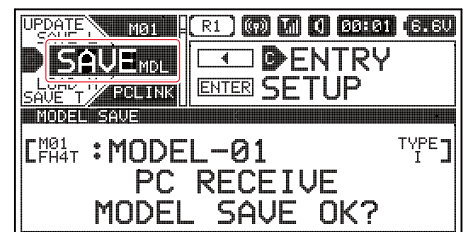
Click here.



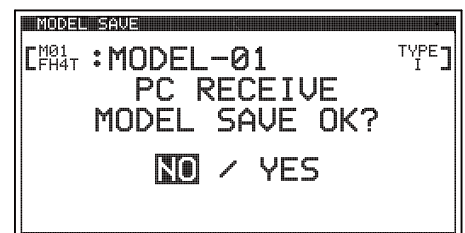
- 3) Click "Save as".
(File name of model data will be ***.mdl)



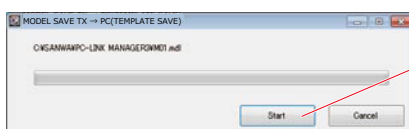
- 4) Select "YES" in M12S. Click "Start" in your PC.
After model data is saved, click "OK".



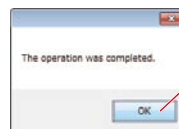
↓ ENTER (エンター)



- NO→Cancel MODEL SAVE
- YES→Continue MODEL SAVE



Click "Start"
in your PC.



Click "OK".

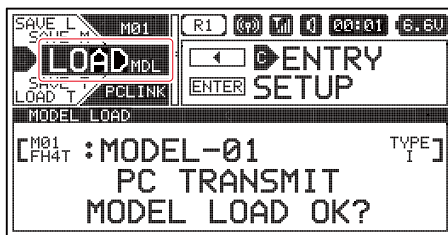
- 5) Switch off the transmitter and disconnect it from your PC.
Please do not disconnect the transmitter or power off the transmitter while Model data is transferring.

LOAD MODEL

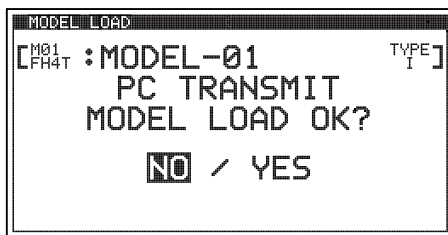
●How to load Model Data which is saved in your PC into your M12S.

*Model data which is selected by model selector will be loaded.

1)Select "SAVE LOG" in SYSTEM of "PC LINK Menu" by multi-selector.



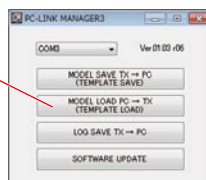
⇓ ENTER (エンター)



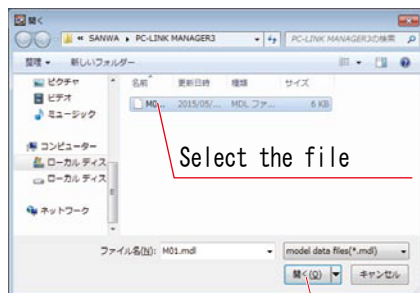
- NO→Cancel MODEL LOAD
- YES→Continue MODEL LOAD

2)Click "MODEL LOAD PC→TX" in PC-LINK MANAGER3.

Click here.



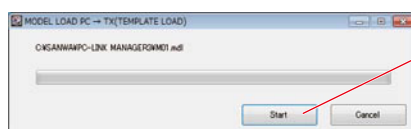
3)Select the file and click "Open".



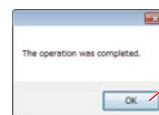
Select the file

Click "Open".

4)Select "YES" in M12S. Click "Start" in your PC.
After model data is loaded, click "OK".



Click "Start".



Click "OK".

5)Switch off the transmitter and disconnect it from your PC.

Please do not disconnect the transmitter or power off the transmitter while Model data is transferring.

*PC-LINK MANGER3 is only for M12S.

Model data of M12 cannot be loaded into M12S.

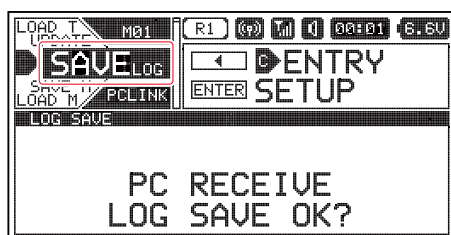
*By seletcing "Load TPL(Load Template) in "SYSTEM" of "PC LINK Menu"of M12S, Model data can be loaded as Template data.

SAVE LOG

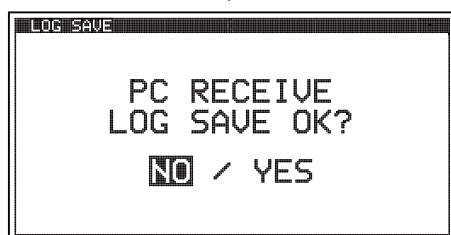
●How to save or manage log data of your PC.

*Since log data will be saved as CSV system, you can see log data graphically by using spreadsheet program etc.

1) Select "SAVE LOG" in SYSTEM of "PC LINK Menu" by multi-selector.



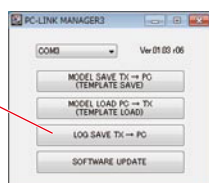
↓ ENTER (エンター)



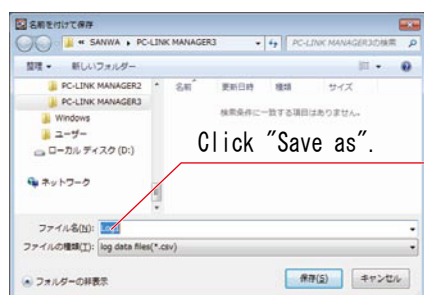
- NO→Cancel LOG SAVE
- YES→Continue LOG SAVE

2) Click "LOG SAVE TX-PC" in PC-LINK MANAGER3.

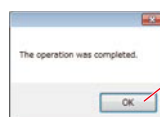
Click here.



3) Click "Save as".



4) Select "YES" in M12S. Click "Start" in your PC.
After log data is saved, click "OK".



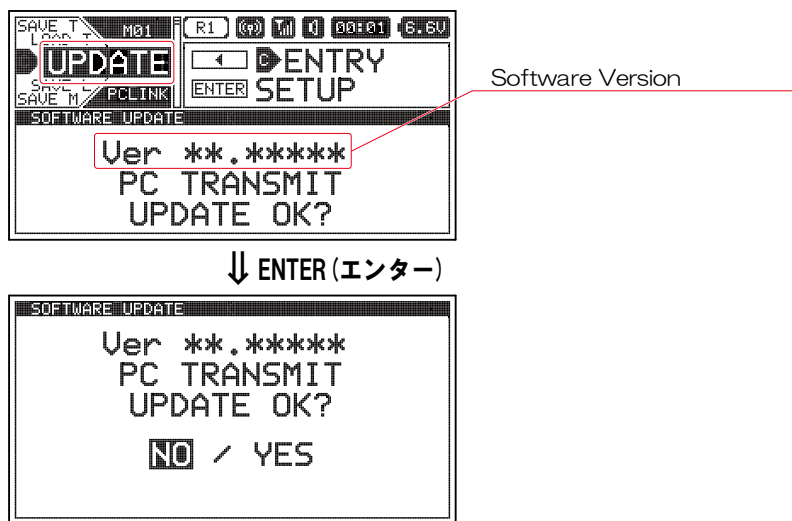
5) Switch off the transmitter and disconnect it from your PC.
Please do not disconnect the transmitter or power off the transmitter while log data is transferring.

SOFTWARE UPDATE

●How to update M12S software when updated software is released in our website.

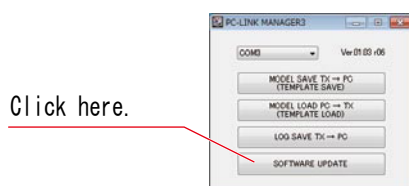
1)Download the updated file and decompress it by double-click.

2)Select "UPDATE" in "SYSTEM" of "PC LINK Menu" by multi-selector.



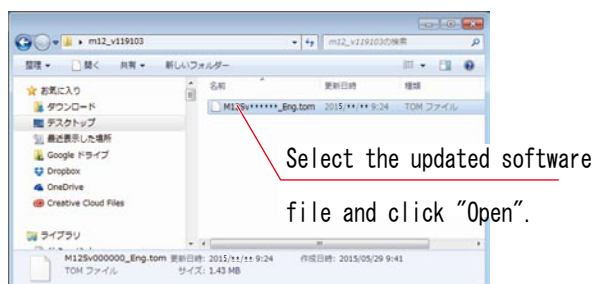
- NO→Cancel UPDATE
- YES→Continue UPDATE

3)Click "SOFTWARE UPDATE" of PC-LINK MANAGER3



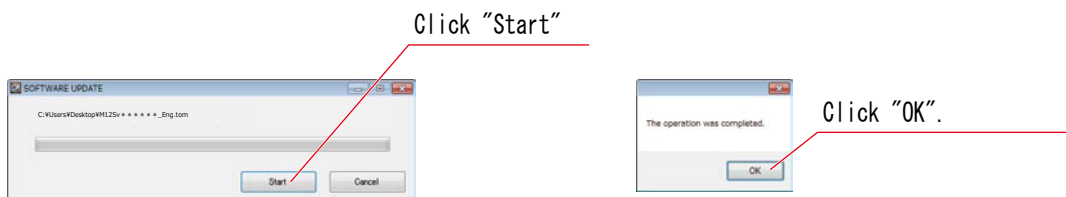
4)Select the updated software file and click "Open".

(File name of the updated software will be M12Sv*****_Eng.tom)



5)Select "YES" in M12S.Click "Start" in your PC.

After log data is saved, click "OK".



6)Switch off the transmitter and disconnect it from your PC.

Please do not disconnect the transmitter or power off the transmitter while M12S software is updating.

Inteuprtion of update will break internal data of M12S, leading to no operation.

*Please do not update under lower volatage than ALERT VOLT.

SAVE TPL (TEMPLATE SAVE)

●How to save or manage Template data of M12S in your PC.

*Factory-programmed template data of M12S will be deleted, after other template data is loaded by LOAD TPL.

Be sure not to overwrite template data by mistake.

1) Select "SAVE TPL" in "SYSTEM" of "PC LINK Menu" by multi-selector.

Select the template data which will be saved in PC by select key.

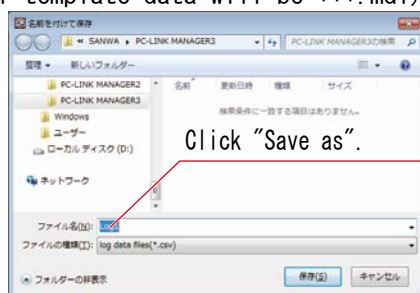
2) Click "MODEL SAVE TX→PC(TEMPLATE SAVE)"

Click here.



3) Click "Save as".

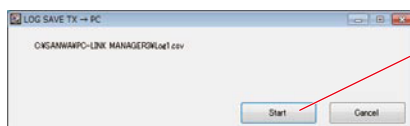
(File name of template data will be ***.mdl)



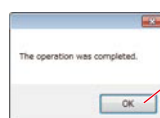
Click "Save as".

4) Select "YES" in M12S. Click "Start" in your PC.

After log data is saved, click "OK".



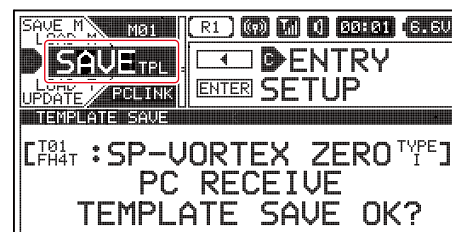
Click "Start"



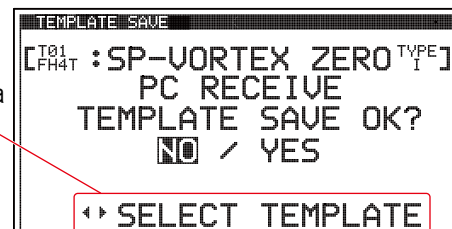
Click "OK".

5) Switch off the transmitter and disconnect it from your PC.

Please do not disconnect the transmitter or power off the transmitter while log data is transferring.



↓ ENTER (エンター)



Select the template data to save by select key.

- NO→Cancel LOG SAVE
- YES→Continue LOG SAVE

LOAD TPL (TEMPLATE LOAD)

●How to load the saved template data from your PC to M12S.

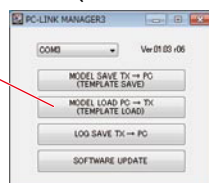
Select the destination where template data will be loaded by select key.

1) Select "LOAD TPL" in "SYSTEM" of "PC LINK Menu" by multi-selector.

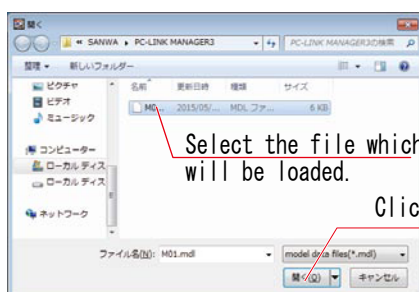
Select Template No. of M12S by selector key.

2) Click "MODEL LOAD PC→TX(TEMPLATE LOAD)" in PC-LINK MANAGER3.

Click here.



3) Open the file which will be loaded.

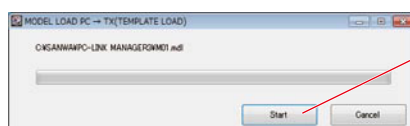


Select the file which will be loaded.

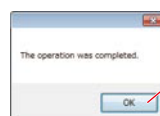
Click "Open".

4) Select "YES" in M12S. Click "Start" in your PC.

After log data is saved, click "OK".



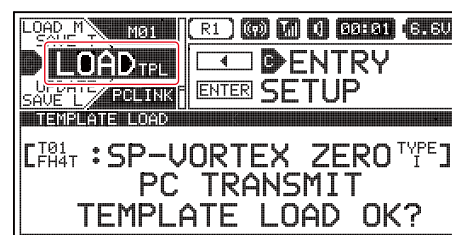
Click "Start"



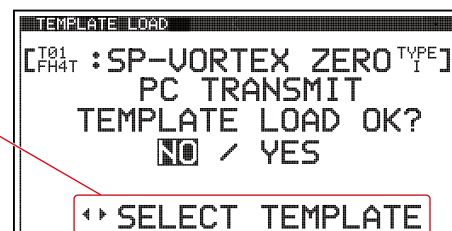
Click "OK".

5) Switch off the transmitter and disconnect it from your PC.

Please do not disconnect the transmitter or power off the transmitter while log data is transferring.



↓ ENTER (エンター)



Select Template No. by Selector Key.

- NO→Cancel LOG
- YES→Continue LOG