



Parameter Setting Software for the Battery Powered Type Driver
ACD-PSTool

Instruction Manual

<Read this Manual before the use of the product.>



NISSEI CORPORATION

Introduction

Thank you very much for purchasing our product.

Safety precautions

- Be sure to carefully read the contents described in this Instruction Manual and to master how to use the product correctly before using it.
- Extents of hazard/damage expected to occur in the case of mishandling are basically classified and indicated into ranks of “Danger”, “Warning” and “Caution” in this Instruction Manual. The definitions and indications are as follows:

 Danger	Cases where mishandling possibly causes a dangerous situation to occur, which may lead to death or serious injury. The degree of danger is assumed to be extremely high.
 Warning	Cases where mishandling possibly causes a dangerous situation to occur, which may lead to death or serious injury.
 Caution	Cases where mishandling possibly causes a dangerous situation to occur, which may lead to a medium degree of injury or minor one.

Even the items described in “Caution” may lead to a serious result depending on situations. Be sure to observe all the instructions because all of them are describing important points.

	: △ mark indicates “items that require caution.” (Left example indicates electric shock hazard.)
	: ○ mark indicates “items that are prohibited.” The illustration inside the circle indicates the detail of prohibition. (Left example indicates no disassembling.)

 Caution	
 	Never reconnect the cable during the operation of ACD-PSTool, otherwise it may malfunction. When reconnecting the cable, please end ACD-PSTool before doing so.
 	When turning ON/OFF the power of the driver, please end ACD-PSTool before doing so; otherwise it may malfunction.
 	Do not load files other than parameter files created by ACD-PSTool, otherwise it may malfunction.

Notice	
We shall assume no responsibility or liability for any troubles caused by usage against the cautions above.	
The contents of this Manual may be changed without notice in future.	
We have made every possible effort to make the contents of this Manual precise. If there is any point not understandable, error or finding, however, your comment will be appreciated.	

Table of contents	
Introduction	P.6
Models to be connected	P.6
OS and registered trademark	P.6
How to use software	P.6
Configuration of folders	P.6
Operation check OS	P.6
1. Startup of ACD-PSTool	P.7
2. Select your language screen of ACD-PSTool	P.7
3. Main screen of ACD-PSTool	P.7
3-1. Title bar	P.8
3-2. Main menu	P.8
3-3. Main window	P.9
3-3-1. File name display bar	P.9
3-3-2. File information	P.9
3-3-3. Parameter list	P.10
3-3-4. Alarm history	P.11
3-3-5. "Read" button	P.11
3-3-6. "Write" button	P.11
3-3-7. "Verify" button	P.12
3-3-8. Save Language settings	P.12
3-3-9. Comment	P.12
3-4. Status bar	P.12
3-4-1. When not connected to driver	P.12
3-4-2. During connection with driver	P.12

4. Usage method	P.12
4-1. Setting parameter values of driver	P.12
4-2. Saving parameter files	P.17
4-3. Opening parameter files	P.19
4-4. Comparing ACD-PSTool setting values and driver setting values	P.23
4-5. Cutting off communication between ACD-PSTool and driver	P.24
4-6. Ending the ACD-PSTool	P.26
Contact Us	P.27

Software License Agreement
July 31, 2017

The customer shall be able to download and use the software when they express their agreement to conform to each article specified in the Software License Agreement. If not agreeable, the customer may not use the software.

1. Ownership

All rights related to the software and copies thereof are owned by NISSEI CORPORATION (hereinafter referred to as "we") or suppliers thereof. This agreement does not transfer the copyrights related to the software to the customer.

2. Granting of license

2.1 We grant nonexclusive right to use the software to the customer.

2.2 The customer is prohibited from carrying out the following actions:

- (1) Modification of all or a part of the software.
- (2) Reverse engineering, disassembly, and decompilation.
- (3) To lend or lease the software.
- (4) Uploading the software on a publicly accessible media for downloads by random individuals.

3. No warranty

We do not provide warranty irrespective of explicitly or implicitly in that the software is free from defect, that it conforms to a specific purpose or that the use of the software does not infringe on third parties' rights, or any other warranty.

4. Limitation of liability

In no event we shall be liable for direct or indirect damage arising from or related to the software.

5. Export control

The customer shall agree not to deliver, transfer or export the software or the included information/technology to countries to which Japan and other related countries prohibit or restrict the delivery and the like.

6. End of license

We shall be able to terminate the Agreement without prior notice if the customer breaches the conditions stipulated in the Agreement.

7. Governing law

This Agreement shall be governed by and construed in accordance with the laws of Japan. All disputes related to or arising from the Agreement shall be submitted to the exclusive jurisdiction of Nagoya District Court in the first instance.

Introduction

ACD-PSTool is a Windows application that has the following functions for the purposes of setting parameters, saving set data and the like of the driver for driving our battery powered type gearmotors.

- Parameter setting via application
- Writing of set parameters into the driver
- Loading of parameters set in the driver
- Comparing the set values on the application to the parameters set in the driver
- Alarm history display (Up to 10 cases back)
- Comment description
- Saving parameter files (See 4.7.) on personal computer
- Reading and displaying the information from constants files on application

Please use the software correctly by referring to the Instruction Manual of the driver unit along with this Instruction Manual. Images shown on the Instruction Manual are all under development.

Note that descriptions may differ.

Models to be connected

Types of drivers that are compatible with ACD-PSTool are as follows:

- A-BLCD005L1 - A-BLCD020L2
- A-BLCD005L2 - A-BLCD020L4
- A-BLCD010L1 - A-BLCD040L2
- A-BLCD010L2 - A-BLCD040L4
- A-BLCD010L4 - A-SDNB080L4

OS and registered trademark

- Windows7, Windows8, Windows8.1 and Windows10 are the registered trademarks of Microsoft Corporation, USA.
- No ® mark is indicated for trademark or registered trademark in this Manual.

How to use software

This is an application that does not require installation.

Download ACD-PSTool from our website, and unzip the zip file to your desired location.

In addition, this application operates on .NET Framework3.5 or later.

See the website of Microsoft for installation method and the like of .NET Framework.

Configuration of folders

- ACD-PSTool.exe: Tool main unit
- ADC_PSTool.ini: Language selection setting file
- en-US: Library for English description
- ja-JP: Library for Japanese description
- ko-KR: Library for Korean description
- zh-CN: Library for Chinese description

Operation check OS

The operation of ACD-PSTool is confirmed on the following OS:

List of OS on which operation is confirmed

	Japanese version	English version	Chinese version	Korean version
Windows7	○	○	○	○
Windows8	○	○		
Windows8.1	○	○		
Windows10	○	○	○	○

1. Startup of ACD-PSTool

Double-click “ACD-PSTool.exe.” in the unzipped folder.

2. Language selection of ACD-PSTool

You will now be setting the language on ACD-PSTool.

Select the language you would like to use, and press “OK” button.

*If the check box for saving the language setting is checked on the main screen, this selection screen will be skipped.

Refer to “3-3-8. Save Language settings” for details.



3. Main screen of ACD-PSTool

The main screen of ACD-PSTool is made up of “Title bar”, “Main menu”, “Main window” and “Status bar.”



3-1. Title bar

Displays the icon of the application, application name and version.

3-2. Main menu

Main menu of ACD-PSTool is structured as follows:

Main menu list

Menu	Contents
File	Loads and saves parameter files and ends application.
Communication	Connects/disconnects communication with the driver.
Help	Display information concerning the application.
Tool	Do not operate this menu.

Sub-menus of each main menu are as follows:

File menu details

Sub-menu	Contents
Open file	Opens parameter files.
Save file	Saves information displayed on the current window into parameter files.
End	Ends ACD-PSTool.

Communication menu details

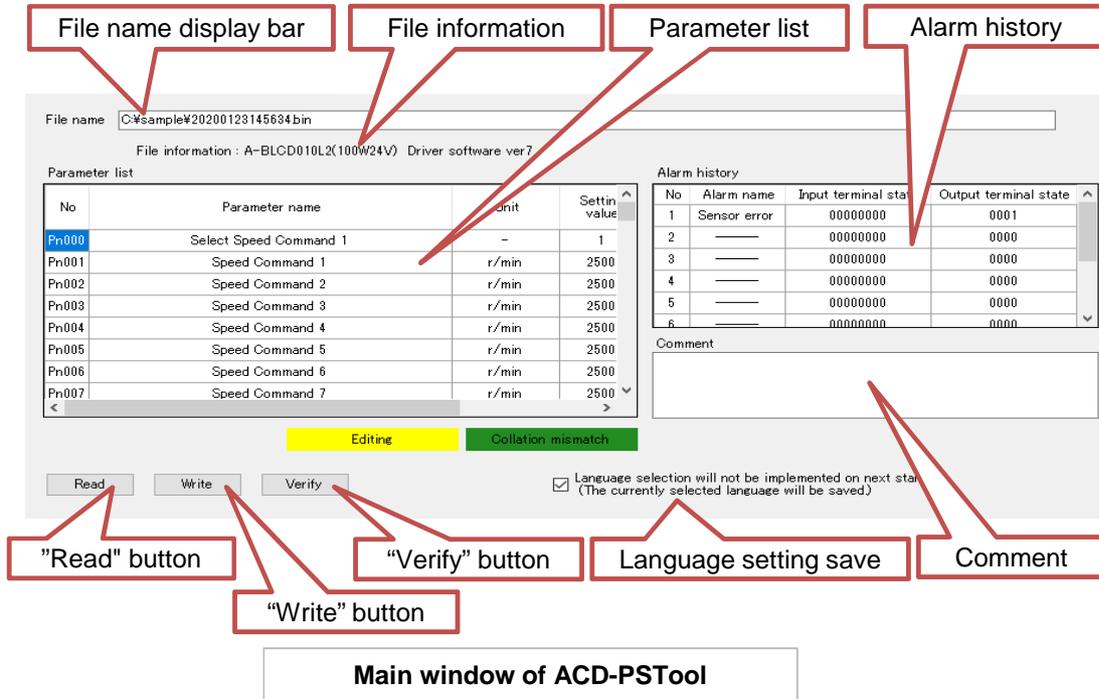
Sub-menu	Contents
Port	Selects COM port that communicates with the driver.
Communication connected	Connects/disconnects communication with the driver.
Communication disconnected	Displays "Communication disconnected" when communication is connected, and "Communication connected" when unconnected.

Help menu details

Sub-menu	Contents
About ACD-PSTool	Displays version of ACD-PSTool and copyright information.

3-3. Main window

Main window is made up of "File name display bar", "File information", "Parameter list", "Alarm history", "Read button", "Write button", "Verify button", "Language setting save" and "Comment."



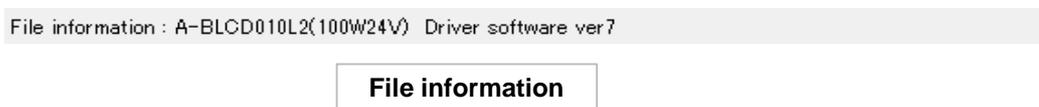
3-3-1. File name display bar

Displays the parameter file opened by "Open file" by the absolute path.



3-3-2. File information

Displays the following information of the driver saved in the parameter file opened by "Open file."
 - Type (driver capacity/input voltage) at the time of parameter file save and the driver software version



3-3-3. Parameter list

Parameter list immediately after startup of the main screen displays only item name.

When the parameter files are opened or the connection with the driver is made for communication, information of each item will be displayed as the picture "Parameter list after opening parameter files" shows below.

Parameter list					
No	Parameter name	Unit	Setting value	Minimum value	Maximum value

Parameter list immediately after main menu startup



Parameter list					
No	Parameter name	Unit	Setting value	Minimum value	Maximum value
Pn000	Select Speed Command 1	-	1	1	5
Pn001	Speed Command 1	r/min	2500	100	3000
Pn002	Speed Command 2	r/min	2500	100	3000
Pn003	Speed Command 3	r/min	2500	100	3000
Pn004	Speed Command 4	r/min	2500	100	3000
Pn005	Speed Command 5	r/min	2500	100	3000
Pn006	Speed Command 6	r/min	2500	100	3000
Pn007	Speed Command 7	r/min	2500	100	3000
Pn008	Speed Command 8	r/min	2500	100	3000

Parameter list after opening parameter files

Details of each item name are as follows:

Item name	Details
No	Displays parameter number.
Parameter name	Displays parameter name.
Unit	Displays parameter unit.
Setting value	Loads and writes parameter values of the driver and displays values to be compared.
Minimum value	Displays minimum value of parameters.
Maximum value	Displays maximum value of parameters.

3-3-4. Alarm history

Displays alarms that occurred in the driver and status of input/output terminals at each time for the past 10 cases when communication with the driver is connected.

Alarm history			
No	Alarm name	Input terminal state	Output terminal state
1	Sensor error	00000000	0001
2	———	00000000	0000
3	———	00000000	0000
4	———	00000000	0000
5	———	00000000	0000
6	———	00000000	0000
7	———	00000000	0000
8	———	00000000	0000
9	———	00000000	0000
10	———	00000000	0000

Item name	Details
No	Shows alarm history number. Smaller numbers indicate alarms occurring newly.
Alarm name	Displays the name of occurring alarm.
Input terminal state	Displays the state of input terminal on occurrence of alarm.
Output terminal state	Displays the state of output terminal on occurrence of alarm.

- Details of input terminal state

The state of each input terminal is displayed in order of I1 to I8 from the right: 1 for ON and 0 for OFF.

ex. The following (01000010) shows the case where an alarm occurred with I2 and I7 ON and other input terminals OFF.

I	I	I	I	I	I	I	I
8	7	6	5	4	3	2	1
0	1	0	0	0	0	1	0

- Details of output terminal state

The state of each output terminal is displayed in order of C1-E1 to C4-E4 from the right: 1 for ON and 0 for OFF.

ex. The following (0110) shows the case where an alarm occurred with C2-E2 and C3-E3 ON and other output terminals OFF.

C4-E4	C3-E3	C2-E2	C1-E1
0	1	1	0

3-3-5. "Read" button

Loads parameters in a batch from the driver and displays them under the Setting value of Parameter list. This button can be used only when communication with the driver is connected.

3-3-6. "Write" button

Writes the setting values of Parameter list into the driver in a batch. This button can be used only when communication with the driver is connected and values are displayed in Parameter list.

3-3-7. "Verify" button

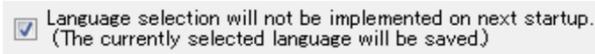
Compares the setting values of Parameter list with values set in the driver. This button can be used only when communication with the driver is connected and values are displayed in Parameter list.

3-3-8. Language setting save

Select whether to save the language setting to be displayed on ACD-PSTool.

When check box is set to ON, the Select your language screen will be skipped at the next startup of the software.

When it is set to OFF, the Select your language screen starts, so that language you use can be selected.



Language setting save

3-3-9. Comment

This is a text box in which any characters and numerical values can be inputted.

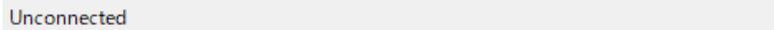
Contents inputted here are saved in the parameter files.

3-4. Status bar

Displays connection status with the driver and information of the connected driver.

3-4-1. When not connected to driver

It is displayed as "Unconnected."



Unconnected

Status bar when unconnected

3-4-2. During connection with driver

"Being connected", type of communicating driver and software version are displayed.



Communicating Connection driver A-BLCD010L2(100W24V)Driver software ver7

Status bar when being connected

4. Usage method

4-1. Setting parameter values of driver

(1) to (4) below describe procedures for setting parameter values of the driver.

(1) Connect driver for communication.

Connect the driver for communication.

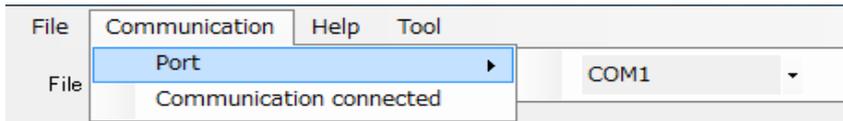
When positioning the mouse pointer at "Communication" → "Port", you will find available COM ports on your personal computer. (Items displayed may differ depending on the personal computer used.)

Select the port connected to the driver.

After selecting the port, click "Communication" → "Communication connected."

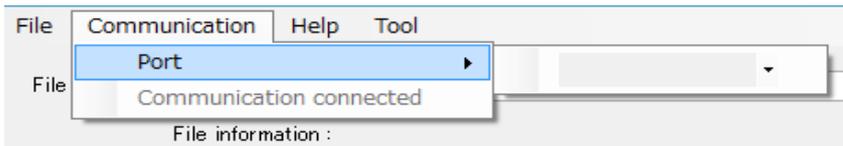
On successful connection, information of the driver appears in the Parameter list and Alarm history as shown in the screen "After communication is connected" below.

The display of status bar also changes. Refer to "3-4. Status bar" about the display of the status bar.

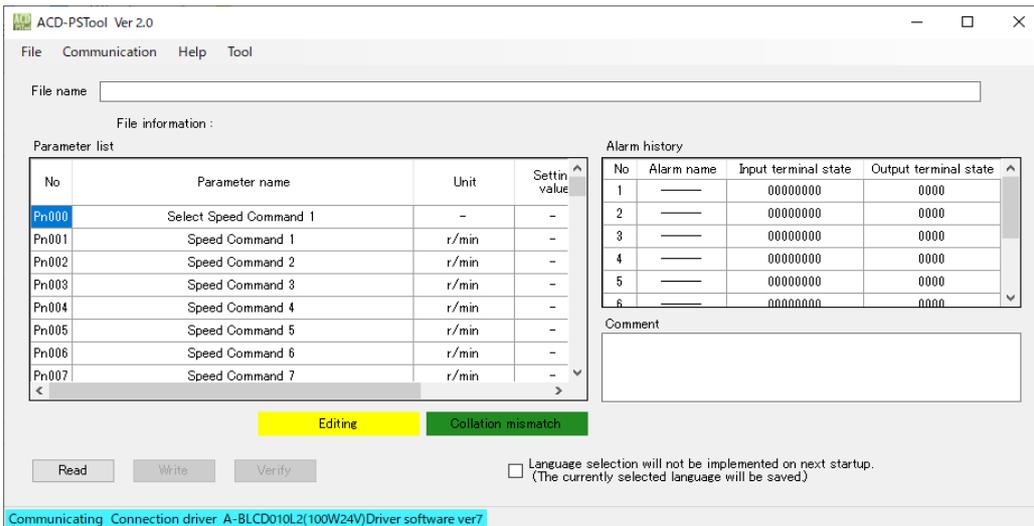


Main menu: Communication

*Concerning COM port ... When a COM port is available, the usable COM port is selected from the startup as shown in “Main menu: Communication” above.
 When no COM port is available, the list of port menu is blank as shown in “Main menu: Communication (when no COM port is available)” below.
 In addition, “Communication connected” is grayed out and unusable.



Main menu: Communication (when no COM port is available)

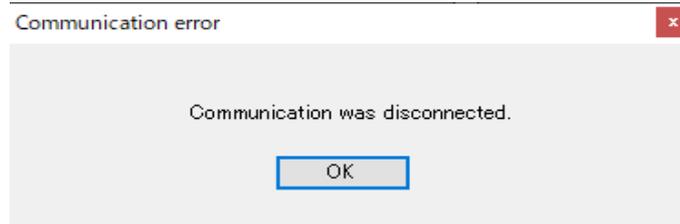


After communication is connected

- Communication error

If the connection fails, communication error dialog appears.

Clicking "OK" or the X button on the dialog returns the screen to the main screen.



Communication error dialog

If communication error occurs although the driver is connected, communication may be unsuccessful. Check if:

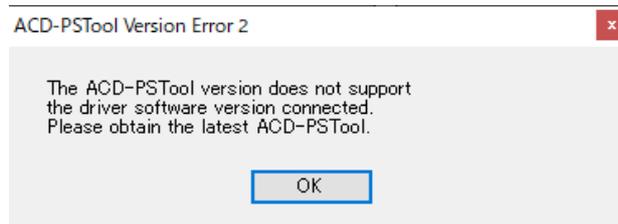
- the driver is powered ON.
- communication harness is not loosened.
- port is selected correctly.

-About ACD-PSTool Version Error 2

This error occurs if ACD-PSTool is connected to the driver of software version not supported by it.

Please update ACD-PSTool to the latest version.

Click of "OK" or X button on the dialog returns the screen to the main screen.

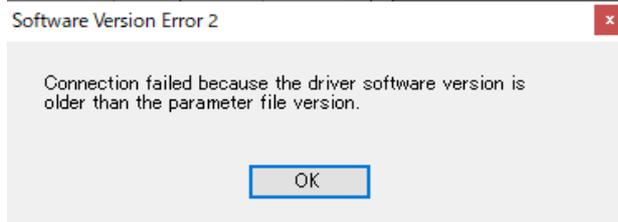


ACD-PSTool Version Error 2 dialog

- Regarding Software Version Error 2

This error occurs when a driver with a software version older than the parameter file version is connected while the parameter file is being read. Please connect a driver with a later software version than the parameter file version.

Click of "OK" or X button on the dialog returns the screen to the main screen.



Software Version Error 2 dialog

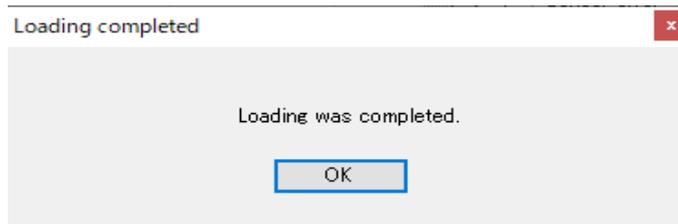
(2) Load parameter values of driver into setting values.

Load the parameter values of the driver into ACD-PSTool.

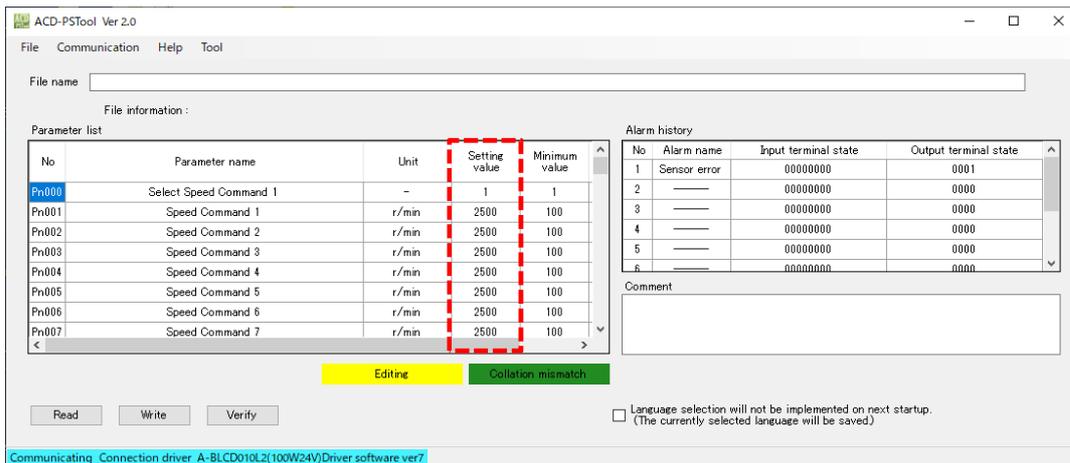
Clicking the "Read" button on the main window enables loading of parameter values from the driver.

After the completion of loading, the "Loading completed dialog" appears.

Clicking "OK" or X button returns the screen to the main screen and shows the parameter values of the driver under the Setting value.



Loading completed dialog



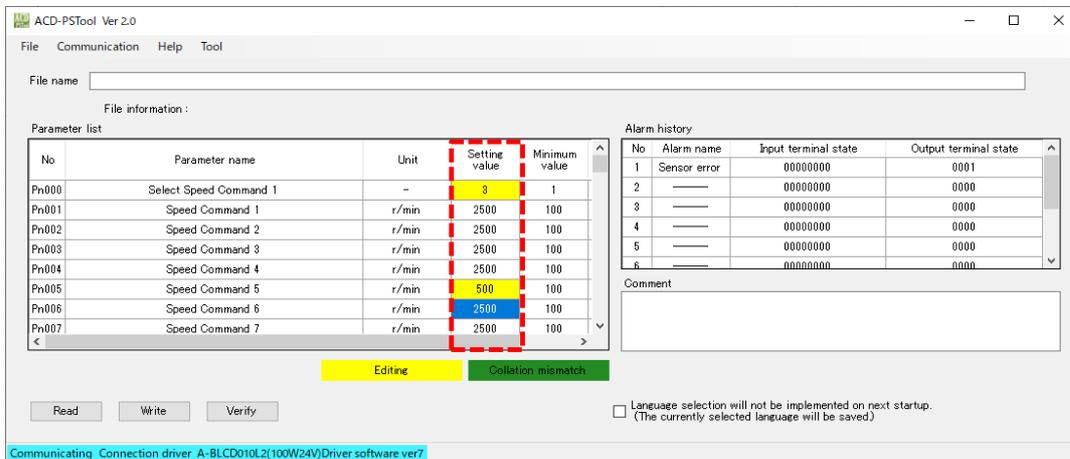
Completion of loading the parameter values of the driver

(3) Edit the setting values.

For this specific example, we will Edit Pn000 and Pn005.

The cells for the setting values become active upon clicking on them, which allows you to change the values. Edited cells will be indicated by the color yellow. (As shown below)

The cell color returns to original color upon writing of new setting values into the driver or upon loading of the



Editing the setting values

-Regarding Setting Value Error 1

This error occurs when you enter a value outside the setting range.

Click of "OK" or X button on the dialog returns the screen to the main screen, and the value returns back to the original value.



Setting Value Error 1 dialog

-Regarding Setting Value Error 3

This error occurs when you enter a value that the communicating driver cannot set.

Click of "OK" or X button on the dialog returns the screen to the main screen, and the value returns back to the original value.



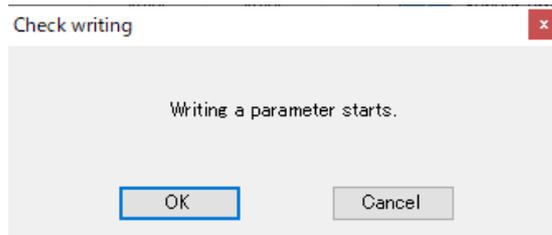
Setting Value Error 3 dialog

(4) Write the setting values into driver.

Clicking the "Write" button makes "Check writing start dialog" appear.

Clicking "OK" button starts writing.

If the X button or "Cancel" button is clicked, the process is cancelled and you will be brought back to the main screen.



Check writing dialog

After the completion of writing, the cell color returns to the original color as described above.

This completes the parameter setting process of the driver.

4-2. Saving parameter files

(1) Regarding parameter files

Parameter files are defined as files that contains the below information.

- Parameter information (Number, parameter name, unit, setting value, minimum value and maximum value)
- Alarm history (of only CSV files)
- Comment
- Type of driver, capacity, voltage and software version

The information can be saved by either format of bin or csv.

Contents in the bin format cannot be viewed but can be opened by "Open file" described later.

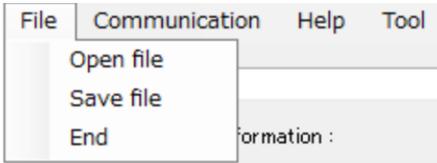
Contents in the csv format can be viewed but cannot be opened by "Open file."

	A	B	C	D	E	F
1	ACD-PSTool					
2						
3	Parameter list					
4	No	Parameter name	Unit	Setting value	Minimum value	Maximum value
5	Pn000	Select Speed Command 1	-	1	1	5
6	Pn001	Speed Command 1	r/min	2500	100	3000
7	Pn002	Speed Command 2	r/min	2500	100	3000
8	Pn003	Speed Command 3	r/min	2500	100	3000
9	Pn004	Speed Command 4	r/min	2500	100	3000
10	Pn005	Speed Command 5	r/min	2500	100	3000
11	Pn006	Speed Command 6	r/min	2500	100	3000
12	Pn007	Speed Command 7	r/min	2500	100	3000
13	Pn008	Speed Command 8	r/min	2500	100	3000
14	Pn020	Select Acceleration/Deceleration Time 1	-	1	1	2
15	Pn021	Acceleration Time 1	s	0.1	0	5
16	Pn022	Deceleration Time 1	s	0.1	0	5
17	Pn023	Acceleration Time 2	s	0.1	0	5
18	Pn024	Deceleration Time 2	s	0.1	0	5
19	Pn025	Acceleration/Deceleration Time Reference Speed	r/min	2500	1000	5000
20	Pn030	Select Torque Limit Value 1	-	2	1	3
21	Pn031	Torque Limit Value 1	%	150	0	200
22	Pn032	Torque Limit Value 2	%	150	0	200
23	Pn033	Torque Limit Value 3	%	150	0	200
24	Pn034	Torque Limit Value 4	%	150	0	200
25	Pn040	Built-in Trimmer 1/PWM speed command reference speed	r/min	3000	100	5000
26	Pn041	Set frequency for pulse frequency speed command	×10Hz	2500	1	9999
27	Pn042	Reference speed for pulse frequency speed command	r/min	2500	1	5000
28	Pn043	PWM Speed Command Frequency	Hz	1000	10	100000
29	Pn050	External analog input level	-	2	1	2
30	Pn051	Analog input gain	r/min(or %)/V	0.6	-9.99	9.99
31	Pn052	Analog input offset	r/min(or %)	0	0	9999
32	Pn060	Select analog output	-	1	1	3
33	Pn061	Analog output gain	V/(r/min(or %))	1	-9.99	9.99
34	Pn062	Analog output offset	V	0	0	5
35	Pn100	Select I1 multifunction feature	-	1	1	12
36	Pn101	Select I2 multifunction feature	-	2	1	12
37	Pn102	Select I3 multifunction feature	-	3	1	12

Parameter files of csv format (a part)

(2) How to save the parameter files

Clicking "File" → "Save file" starts the save file dialog.
 Select a save format (csv or bin), and save the file at an optional place.



Main menu: File

Setting files can only be save if there are setting values assigned and displayed.
 This includes:

- When parameter values of the driver is loaded after the driver is connected for communication
- When the parameter file is opened

Unless either one of the above conditions are met, the "Save file" button will be grayed out and will not be available.

4-3. Opening parameter files

(1) How to open the parameter files

This section describes how to open the saved parameter files.

Click "File" → "Open file."

The "open file dialog" starts up. Select and open your saved the parameter bin file.



Main menu: File

Settings of the parameters, comments and other information saved in the parameter files are displayed on ACD-PSTool.

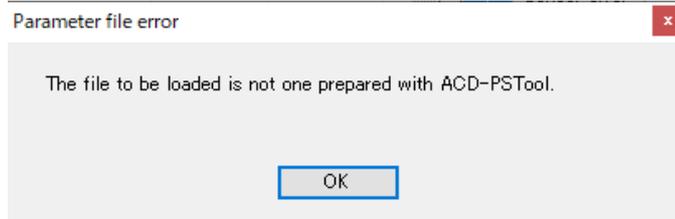
The displayed setting values can be written into the driver.

- Regarding parameter file error

The error occurs when files other than the parameter files are opened.

Please open parameter files created and saved via "Save file" of ACD-PSTool.

Clicking "OK" or the X button on the dialog returns the screen to the main screen.



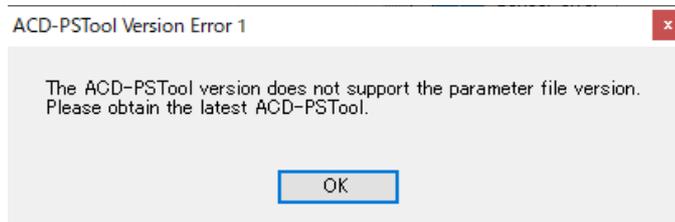
Parameter file error dialog

- Regarding ACD-PSTool Version Error 1

This error occurs when the version of the loaded parameter file isn't supported by ACD-PSTool.

Please update ACD-PSTool to the latest version.

Clicking "OK" or the X button returns the screen to the main screen.



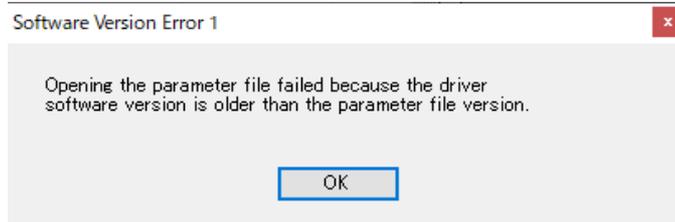
ACD-PSTool Version Error 1 dialog

- Regarding Software Version Error 1

This error occurs when opening a parameter file with a newer version than the driver software version.

Use a parameter file that is earlier than the software version of the driver that is communicating.

Click "OK" or X button in the dialog to return to the main screen.



Software Version Error 1 dialog

- Regarding Parameter File Open Error.

This error occurs when opening a parameter file that is older than the driver software version. After opening the parameter file, communicate with the driver.

Click "OK" or X button in the dialog to return to the main screen.



Parameter File Open Error dialog

File name: C:\sample\20200123145634.bin

File information: A-BLCD010L2(100W24V) Driver software ver7

Parameter list						Alarm history			
No	Parameter name	Unit	Setting value	Minimum value	Maximum value	No	Alarm name	Input terminal state	Output terminal state
Pn000	Select Speed Command 1	-	1	1	5	1	Sensor error	00000000	0001
Pn001	Speed Command 1	r/min	2500	100	3000	2	---	00000000	0000
Pn002	Speed Command 2	r/min	2500	100	3000	3	---	00000000	0000
Pn003	Speed Command 3	r/min	2500	100	3000	4	---	00000000	0000
Pn004	Speed Command 4	r/min	2500	100	3000	5	---	00000000	0000
Pn005	Speed Command 5	r/min	2500	100	3000	6	---	00000000	0000
Pn006	Speed Command 6	r/min	2500	100	3000				
Pn007	Speed Command 7	r/min	2500	100	3000				

Comment

Editing Collation mismatch

Read Write Verify

Language selection will not be implemented on next startup. (The currently selected language will be saved.)

Main window after opening parameter file

(2) Loading parameters after opening a parameter file

When the driver is connected and parameters are loaded after a parameter file is opened, the setting values will be changed to the driver's values. The information shown at "File Name" and "File information" is deleted.

File name: C:\sample#20200123145634.bin
File information: A-BLCD010L2(100W24V) Driver software ver 7

No	Parameter name	Unit	Setting value	Minimum value	Maximum value
Pn000	Select Speed Command 1	-	1	1	5
Pn001	Speed Command 1	r/min	2500	100	3000
Pn002	Speed Command 2	r/min	2500	100	3000
Pn003	Speed Command 3	r/min	2500	100	3000
Pn004	Speed Command 4	r/min	2500	100	3000
Pn005	Speed Command 5	r/min	2500	100	3000
Pn006	Speed Command 6	r/min	2500	100	3000
Pn007	Speed Command 7	r/min	2500	100	3000

No	Alarm name	Input terminal state	Output terminal state
1	Sensor error	00000000	0001
2	---	00000000	0000
3	---	00000000	0000
4	---	00000000	0000
5	---	00000000	0000
6	---	00000000	0000

Buttons: Read, Write, Verify. Language selection will not be implemented on next startup. (The currently selected language will be saved.)



Click "Read" button

File name:
File information:
Parameter list:
Alarm history:
Buttons: Read, Write, Verify. Language selection will not be implemented on next startup. (The currently selected language will be saved.)

If the version of the open parameter file is different from the version of the driver software, "Parameter Read warning dialog" appear when reading. When you click "OK", the display is updated to the parameter list corresponding to the software version of the connected driver, and the settings are read. Click the "Cancel" or X button in the dialog to return to the main screen without loading the screen.

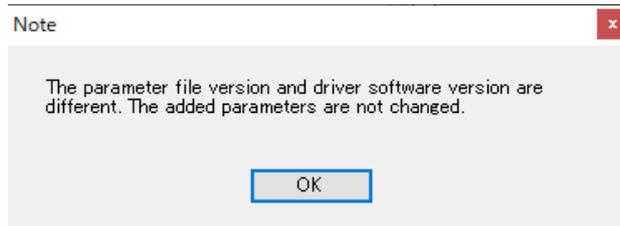
Parameter Read Warning

The display changes to the parameter list corresponding to the software version of the driver that is communicating. Do you want to continue?

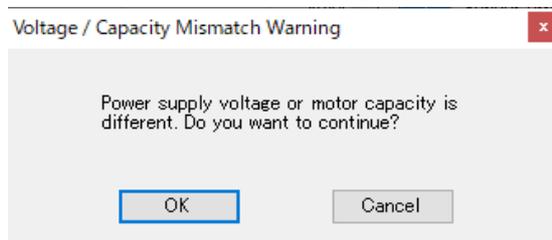
Buttons: OK, Cancel

Parameter Read Warning dialog

(3)Writing parameters after opening a parameter file
Note that if the software version of the parameter file and the software version of the driver being communicated with are different, the added or deleted parameters will not reflect the changes.



This warning occurs when the voltage or capacity of the parameter file and the driver are different. Clicking "OK" button starts writing. If the X button or "Cancel" button is clicked, the process is cancelled and you will be brought back to the main screen.



Voltage / Capacity Mismatch Warning dialog

-Regarding Setting Value Error 2

This error occurs when trying to write a value that cannot be set to the driver.

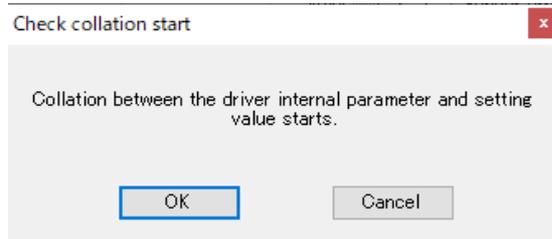
Click "OK" or X button in the dialog to return to the main screen.



Setting Value Error 2 dialog

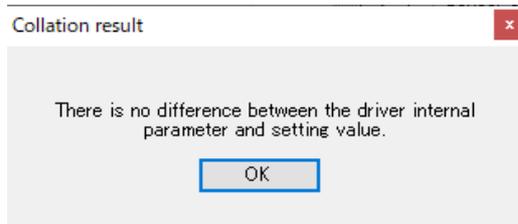
4-4. Comparing ACD-PSTool setting values and driver setting values

This section describes how to compare the parameter setting values of the driver with the parameter list. Clicking the “Verify” button (See “3-3-7. “Verify” button” for conditions under which the “Verify” button can be used.) opens the dialog shown below.

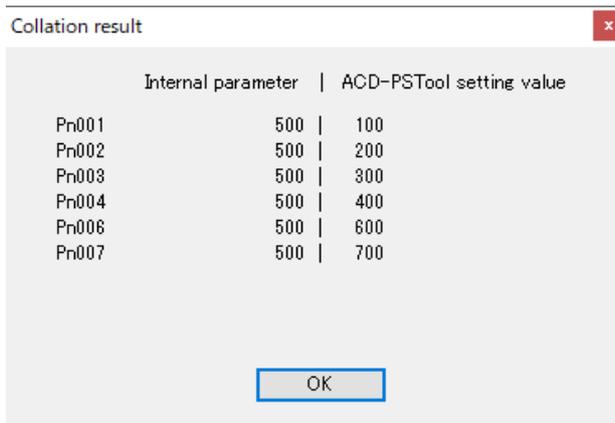


Check collation start dialog

Clicking “OK” button starts the comparison of the parameter values. Clicking “Cancel” or X button returns the screen to the main screen. When completed, the comparison result is displayed in the dialog box. When the “OK” button in the dialog is clicked and the screen returns to the main screen, the cells with differences in setting values turn green.



Collation result dialog (when there is no parameter having a difference)



Collation result dialog (when there is a parameter having a difference)

*Collation result of the added or deleted parameters is displayed as "-".

Parameter list					
No	Parameter name	Unit	Setting value	Minimum value	Maximum value
Pn000	Select Speed Command 1	-	1	1	5
Pn001	Speed Command 1	r/min	100	100	3000
Pn002	Speed Command 2	r/min	200	100	3000
Pn003	Speed Command 3	r/min	300	100	3000
Pn004	Speed Command 4	r/min	400	100	3000
Pn005	Speed Command 5	r/min	500	100	3000
Pn006	Speed Command 6	r/min	600	100	3000
Pn007	Speed Command 7	r/min	700	100	3000
Pn008	Speed Command 8	r/min	500	100	3000
Pn020	Select Acceleration/Deceleration Time 1	-	1	1	2
Pn021	Acceleration Time 1	s	0.10	0.00	5.00
Pn022	Deceleration Time 1	s	0.10	0.00	5.00
Pn023	Acceleration Time 2	s	0.10	0.00	5.00
Pn024	Deceleration Time 2	s	0.10	0.00	5.00
Pn025	Acceleration/Deceleration Time Reference Speed	r/min	2500	1000	5000

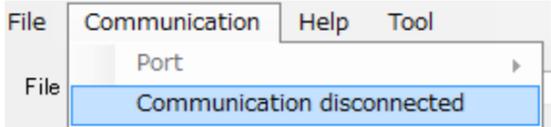
Editing Collation mismatch

Display of collation mismatch parameter

4-5. Disconnecting communication between ACD-PSTool and driver
 This section describes how to disconnect communication between ACD-PSTool and the driver.

(1) How to disconnect

Click "Communication" → "Communication disconnected" when communications is established to ACD-PSTool.

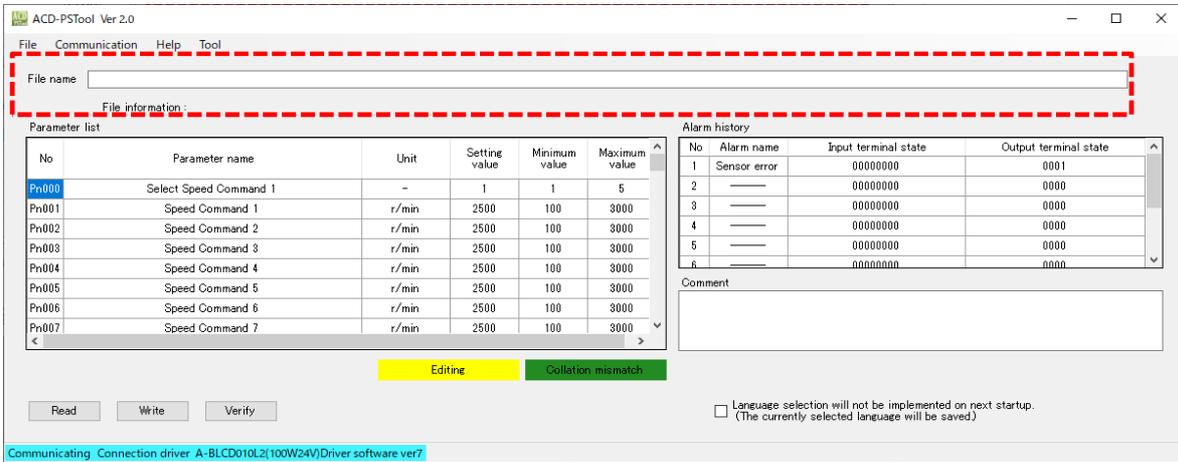


Main menu: Communication

The State of the screen after disconnection differs depending on whether or not a parameter file is loaded (whether there is information shown at the "file name" display bar and "file information" or not).

- When a parameter files is not loaded

If a parameter file is not loaded, there will be no information shown under parameter list and alarm history after disconnection .

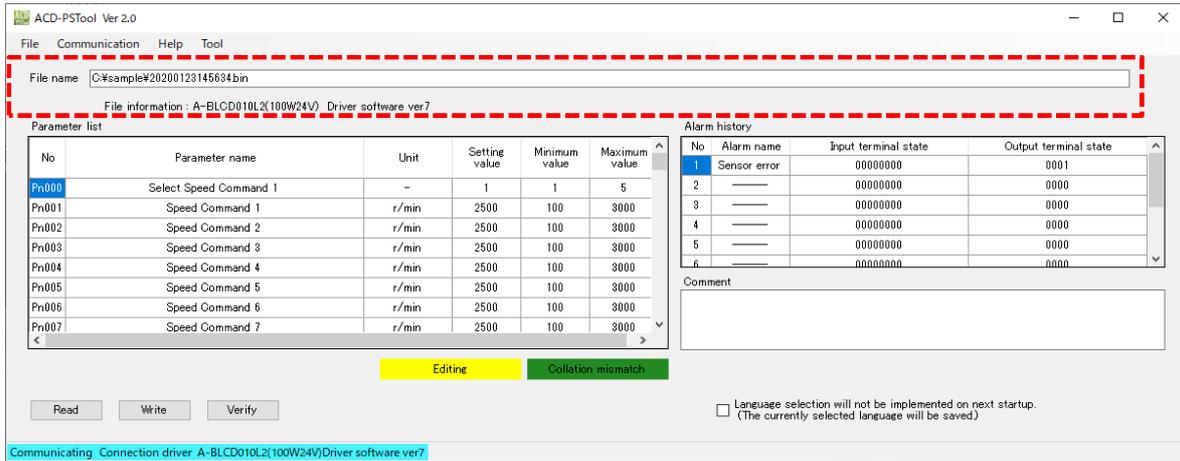


Click "Communication disconnected."

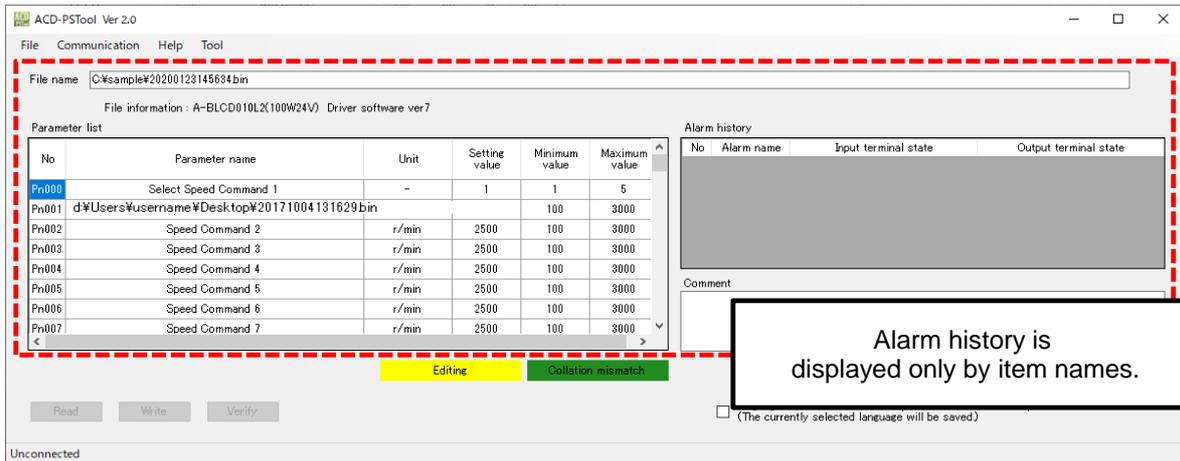


- If a parameter file is loaded

If a parameter file is loaded, there will be information under parameter list, but none under alarm history after disconnection.



Click "Communication disconnected."



4-6. Ending ACD-PSTool

Ends ACD-PSTool.

End it by left-clicking "File" → "End" or X button at upper right part on the main screen.

Contact Us

■ Inquiries about quote, purchase, repair, and inspection

Overseas Sales	
Address	1-1 Inoue, Izumi-cho, Anjo, Aichi 444-1297, Japan
Tel	+81-566-92-5312
Fax	+81-566-92-7002
E-mail	oversea@nissei-gtr.co.jp

NISSEI CORPORATION

URL <http://www.nissei-gtr.co.jp/>

1-1 Inoue, Izumi-cho, Anjo, Aichi 444-1297, Japan
Phone: +81-566-92-5312 (Main) Fax: +81-92-7002
E-mail: oversea@nissei-gtr.co.jp