30 | Error Messages

This chapter explains about Error Messages in GP-Pro EX and their solutions. They are divided into error messages displayed during screen creation, during error checking, during transfer, and error messages displayed on the GP. Turn to the page corresponding to each error.

30.1 Errors Displayed on the Editor

30.1.1 D-Script

Error Message	Cause and Solution	Reference
Unable to save the user-defined function because of cross reference. Modify the cross reference. *Cross reference means a condition in which a user-defined function A calls a user-defined function B, and the user-defined function B calls the user-defined function A.	User-defined functions cannot call each other. Check the functions to call.	☞ "20.6 Procedure for Creating Scripts 20.6.3 Setting Procedure for Used-Defined Functions" (page 20-42)

30.1.2 Address Block Conversion

Error Message	Cause and Solution	Reference
An error occurred during Address Block Conversion. Conversion is aborted and the original state is restored.	Redo the [Convert Addresses] utility settings. Follow the procedure and do the settings again.	☞ "6.6 Converting the Addresses in a Project File in Block" (page 6-33)

30.1.3 Address Control

Error Message	Cause and Solution	Reference
The inputted address is valid for two or more Devices/PLCs. Input the device name as well.	—	☞ "7.2 Connecting to Multiple Devices (PLCs)" (page 7-3)

30.1.4 Alarm Text

Error Message	Cause and Solution	Reference
Beyond the address setting range. Allotment exceeding ∗∗∗ is not allowed.	Verify the address' settings range and run the automatic layout. (∗∗∗ is the greatest possible address setting)	☞ "19.9 Settings Guide 19.9.1 Alarm Settings Guide ■ Alarm Settings Guide (Block 1)" (page 19-74)
The permitted range from the current location is 1-∗∗∗. Specify a value within the range.	Verify the address' settings range and run the automatic layout. (∗∗∗ is the greatest possible additional number of bits setting)	
The relationship of the upper limit value to the lower limit value is incorrect.	Set an upper value limit that is greater than the lower value limit.	☞ "19.9 Settings Guide 19.9.1 Alarm Settings Guide ◆ Word Monitoring" (page 19-76)
Cannot insert a row due to an alarm set in the last row. Row insertion is canceled.	Cannot insert an additional alarm row. To insert a row, delete the alarm in the last row and insert a row again.	—

30.1.5   Image Management

Error Message	Cause and Solution	Reference
This setting may display the pasted image improperly because the selected color range is different from the one for the display unit, or the drawing target.	The image may be displayed improperly on the display unit due to the color range limit of the unit. Check the color range and convert the image again.	☞ "9.5 Changing Colors, Line Types and Patterns" (page 9-33)
Failed to read the image. Specify another image.	Couldn't import because the file is damaged, in use, or the file has a different format. Check the import-from file and import it again.	—
Unable to convert the original file because it doesn't exist in [Original File Location].	The convert-from file doesn't exist in the specified location. Specify the file location and convert the file again.	—

30.1.6   Images

Error Message	Cause and Solution	Reference
Failed to read the image. Please specify another image.	The specified image file is damaged, or is not in BMP or JPEG format. Specify the file again.	☞ "9.10 Pasting an Image" (page 9-62)

30.1.7   Print

Error Message	Cause and Solution	Reference
No print target exists because no setting has been established.	The print option is not selected. Check the selected options and print again.	☞ "28.6 Settings Guide 28.6.1 [Print] Settings Guide ■ Common Settings" (page 28-40)

30.1.8   Screen Management

Error Message	Cause and Solution	Reference
Failed to read the specified project file. Respecify the file to copy.	Confirm that the link to the file storage location is established and read the file again.	☞ "6.8 Copying a Screen from another Project" (page 6-40)
Failed to copy because the specified project was the current one. Specify another project.	To specify the current project file, finish the editing and then specify the file.	

30.1.9   Address Block Conversion on Model Change

Error Message	Cause and Solution	Reference
Failed to import because the target file has a different format.	Couldn't import because the file is damaged or the file has a different format. Check the import-from file and import it again.	☞ "7.4 Changing a Device/PLC 7.4.2 Setup Procedure ■ Designating an Address Conversion Range and Converting the PLC type" (page 7-23)
Failed to import because the addresses specified by the target file aren't the ones of currently set Devices/PLCs.	Check the file address and import it again.	
Failed to some of the data because the target file has a different format. Confirm the individual device name and its address.	Check the file's individual device name address and import it again.	
Failed to import the target file.	Couldn't import because the file is damaged or in use. Check the import-from file and import it again.	
Failed to export to the target file.	Verify that the file is not read-only, and check the specified save-to drive and folder.	

30.1.10   Startup

Error Message	Cause and Solution	Reference
Unable to open two or more different versions of a Editor at a time.	Open the same version of an Editor as the running Editor.	—
No more Editor can be opened.	Up to two Editors can be opened at the same time.	—

30.1.11   Built-in Function

Error Message	Cause and Solution	Reference
The device set at the "Start" address must be the same as the one set at the "End" address.	Set the "Start" address and the "End" address to the same device.	—
The "End" address must not be the same as or lower than the "Start" address. Please set the range correctly.	Set the "End" address to a greater address than the "Start" address.	—

30.1.12　Sound Settings

Error Message	Cause and Solution	Reference
Unable to paste because the paste-to range is incorrect.	Specify the paste-to range with N times (N is 1 or larger integer) the size of the copied range.	—
Beyond the address setting range. Allotment exceeding ∗∗∗ is not allowed.	Specify an address supported by the device/PLC.	—
Failed to read the specified file.	Check the target file and read it again.	—
Failed to output the specified file after conversion.	Check the target file and output it again.	—
Failed to read the specified file because its format was unsupported.	Convert the file into a supported format and read it again.	☞ "26.5 Settings Guide 26.5.1 Common Settings Guide (Sound Settings)" (page 26-13)
Cannot edit (delete/play) the sound data because it does not exist.	Verify that there exists data inside the CF-card Output Folder.	☞ "6.7 Seeing the Project Information 6.7.2 Setup Procedure ■ CF-Card Output Folder Setting Procedure" (page 6-38)

30.1.13　Peripheral Settings

Error Message	Cause and Solution	Reference
Cannot delete item because Device/PLC ∗∗∗ has been used elsewhere in the Project File. The cross reference tool will help you find where it has been used.	You cannot delete a device whose address is used for parts or features. Change the address used for parts or features and delete the device.	☞ "6.5 Confirming the List of Addresses being Used in a Project File" (page 6-25)

30.1.14　New Project File

Error Message	Cause and Solution	Reference
Failed to open because the file you are trying to open isn't a project file of this application.	Confirm that the file extension is (∗.prx) and open the file.	—
Failed to open the project file because of a file read error.	Couldn't read because the target file is damaged or it has a different format. Check the read-from file extension and read it again.	—
Failed to startup GP-PRO/PB3. If the application has already been installed, specify a file and run it.	Verify whether or not PRO-Pro/PB3 is installed. To install PRO-Pro/PB3, you will need a separate CD.	—

30.1.15　Symbol Variable List

Error Message	Cause and Solution	Reference
Unable to delete the target symbol because it is currently in use. You can check its location using cross reference.	Change the symbol registered in parts to another symbol (or address) and then delete the target symbol.	☞ "6.9 Symbolizing an Address" (page 6-44)

30.1.16　Security Settings

Error Message	Cause and Solution	Reference
The same password is in use. Change your password.	You cannot specify the same password on multiple levels. Change the password.	☞ "22.5 Common Settings Guide (Security Settings)" (page 22-9)
The setting of "Use level 15 password to go offline" is enabled. Set the level 15 password.	Please set the level 15 password.	☞ "22.5 Common Settings Guide (Security Settings) ■ Extended Settings" (page 22-10)

30.1.17　Multiple Languages Change

Error Message	Cause and Solution	Reference
Characters may not be normally displayed because the font for the specified language hasn't been installed on Windows.	The selected table message includes a language font that cannot be displayed on the current OS. Change the OS or add the font.	—

30.1.18   Data Limitation

Error Message	Cause and Solution	Reference
Beyond the data limitation. Check for errors. *Even if you save this data, you can't transfer it to the main unit.	You can save the data with the error, but you cannot transfer it to the main unit. Check the error contents.	☞ "30.1 Errors Displayed on the Editor 30.1.27 Recipe Settings" (page 30-10)

30.1.19   Template

Error Message	Cause and Solution	Reference
Failed to read the target template.	Select a different template.	—

30.1.20   Package Window

Error Message	Cause and Solution	Reference
An user-created part cannot be registered in the ∗∗∗ package. It can be registered only in a user-created package.	Create a new package and register the created part in it.	☞ "9.8 Editing the Same Picture on Another Screen 9.8.2 Registering a Created Picture in a Package" (page 9-53)

30.1.21   Duplicate

Error Message	Cause and Solution	Reference
Failed to create the specified no. of duplicates because the set address range was exceeded. The limit is up to ∗∗∗.	Delete unnecessary parts, if any, and duplicate the parts again.	☞ "6.14 Restrictions 6.14.1 Restrictions for Creating Screens ■ No. of Screens that can be Created" (page 6-131)
Failed to make the specified no. of duplicates because of exceeding the set address range.	For parts that have multiple addresses, this message displays even if only one address exceeds the range. Specify the address range and duplicate the parts again.	—

30.1.22   Part List

Error Message	Cause and Solution	Reference
Failed to export to the target file.	Check the export destination file or disk and export to it again.	—

30.1.23 Parts Selection Toolbar

Error Message	Cause and Solution	Reference
Failed to read the target file.	The specified image file is damaged, or is not in BMP or JPEG format. Check the file to read and the drive.	—
Failed to write to the target file.	The file failed to write. Check the file to write and the drive.	—

30.1.24 Project Properties

Error Message	Cause and Solution	Reference
Failed to create a folder.	Check the CF-card Output Folder and the specified drive and folder.	☞ "6.7 Seeing the Project Information 6.7.2 Setup Procedure ■ CF-Card Output Folder Setting Procedure" (page 6-38)

30.1.25 Mark

Error Message	Cause and Solution	Reference
Failed to update the mark library.	Failed to delete the mark. Verify that the specified file is not read-only and check the specified file and folder.	—
Failed to create a mark library because the specified mark library name is invalid.	Change the mark library name and create a mark library again.	—
Failed to rename the mark library because the specified mark library name is invalid.	Change the mark library name and rename the mark library again.	—

30.1.26 Text Table

Error Message	Cause and Solution	Reference
A part beyond the given range of the no. of characters/rows exists. Failed to paste.	Make sure that the no. of characters and the no. of rows in the text to be pasted are within the range.	☞ "15.7 Settings Guide 15.7.3 Text Table Settings Guide" (page 15-49)
Could not delete some cells that contains a massage.	Delete the message and then delete the cell.	—

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Error Message	Cause and Solution	Reference
Failed to import because the target file has a different format.	Couldn't import because the file is damaged or the file has a different format. Check the import-from file and import it again.	☞ "15.6 Importing/ Exporting Registered Text Tables for Use with Different Projects" (page 15-30)
Characters beyond the allowable no. were not imported. [Language No.: Language:Table Name] [Language No.: Language:Table Name]	The specified file has data out of the specification range. The file is imported with the data out of range deleted. [Language No.] 1-16 [Language] Outputted form in export [Table Name] No. of Characters × No. of Rows ≤ 1200	
Failed to import the target file.	Couldn't import because the file is damaged or in use. Check the import-from file and import it again.	
Failed to import because of an unavailable language in the setting.	The language specified in the file's Language Settings is not specified for the currently opened project. Check the import-from file or add the font to use in the Font Settings section of System Settings and import the file again.	☞ "4.2 Stroke Font, Standard Font" (page 4-3)
Failed to export to the target file.	Check the export destination file or disk and export to it again.	☞ "15.6 Importing/ Exporting Registered Text Tables for Use with Different Projects 15.6.2 Setup Procedure ■ Export" (page 15-31)
A part beyond the given range of the no. of characters/rows exists. Failed to import.	Make sure that the no. of characters and the no. of rows in the text to be imported are within the range.	☞ "15.6 Importing/ Exporting Registered Text Tables for Use with Different Projects 15.6.2 Setup Procedure ■ Import" (page 15-33)

30.1.27 Recipe Settings

Error Message	Cause and Solution	Reference
Failed to access the filing data (CF-Card) and couldn't convert it. Please confirm the settings.	Verify that the data in the CF-card Output Folder has not become read-only.	☞ "6.7 Seeing the Project Information 6.7.2 Setup Procedure ■ CF-Card Output Folder Setting Procedure" (page 6-38)
Failed to paste a part of information.	The paste range and the range of the data to be pasted may be different. Check the content of the data to be pasted.	—
Failed to read the target file.	The specified data may be damaged. Check the data in the CF-card Output Folder.	☞ "6.7 Seeing the Project Information 6.7.2 Setup Procedure ■ CF-Card Output Folder Setting Procedure" (page 6-38)
Cannot create an index file because no CSV file has been created.	Try again after creating the CSV file.	☞ "25.11 Transfer CSV Data Setup 25.11.3 Condition Name Search Feature ◆ What is the Index File?" (page 25-99)
Failed to read a part of data because unwanted data exists in the target file.	The target file has data out of the specification range. Reconfirm the import-from file's data range. (The file is imported with the data out of range deleted.)	☞ "25.3 Creating Recipes (CSV Data)" (page 25-9)
Failed to read because the target file has a different format.	Couldn't read because the target file is damaged or it has a different format. Check the read-from file and read it again.	☞ "25.3 Creating Recipes (CSV Data)" (page 25-9)
Failed to read the target file.	Couldn't read because the target file is damaged or in use. Check the file and read it again.	
Failed to write to the target file.	Check the export destination file or disk and write to it again.	

30.2 Errors Displayed while Error Checking

Error Message	Handling method	Reference
The port setting has overlapping. Please confirm that in the Peripheral List.	Confirm the peripheral device with the ! mark in the Port item and change to a port with no overlaps.	☞ "7.2 Connecting to Multiple Devices (PLCs) 7.2.2 Setup Procedure" (page 7-4)
The send data size exceeds the limit. Confirm the send data size.	Set the User Screen Area within the following memory ranges for each model. GP330×(6MB) GP34×× to 37××(8MB) (There is a chance that 90% or more of the memory will cause an error output because of the data structure.)	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Font Settings] Settings Guide" (page 6-112)
∗∗∗ contains an illegal address. Set a legal address.	Input an address for the specified location address with a keypad.	☞ "14.2 Displaying/ Inputting Numeric Data 14.2.2 Setup Procedure" (page 14-6)
A symbol exists which has not been assigned real address. Confirm this in the Symbol Settings.	Delete the parts using a symbol for the address settings or with no address settings, or set the address to parts with no address settings.	☞ "6.9 Symbolizing an Address 6.9.2 Setup Procedure" (page 6-45)
The specified font has not been registered in "Fonts for Projects". Add it, in "Font Settings", or change the font.	—	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Font Settings] Settings Guide" (page 6-112)
Backup SRAM use exceeds the limit. The excess part will not be executed. Confirm this in the Project Information.	Make sure the total capacity of SRAM to use does not exceeds approximately 320KB (approximately 120KB only for GP3202B).	☞ "6.7 Seeing the Project Information" (page 6-36)
The CF-card feature is enabled. As this model does not support CF-card, this feature will not work.	The GP3202B model supports the CF-card export folder. Change the model or do not set the CF-card output folder.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Device Settings] Settings Guide" (page 6-89) ☞ "6.7 Seeing the Project Information" (page 6-36)
An error exists in ∗∗∗. D-Script[ID No.] has an invalid expression.	Use the support input functions such as the Tool Box, Built-in Functions, etc., and ensure that the format is inputted correctly and that no errors remain in the [Message Area].	☞ "20.8 Settings Guide 20.8.1 Common Settings Guide (D-Script)" (page 20-50)

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Error Message	Handling method	Reference
The no. of addresses used by Global D-Script exceeds the limit. The excess part will not be executed.	Make sure the total number of addresses to use in Global D-Scripts (including calling functions) does not exceed 256 by creating multiple scripts with the same trigger conditions and separating instructions.	☞ "20.9 Restrictions 20.9.1 D-Script/ Global D-Script Restrictions" (page 20-55)
The total no. of Global D-Scripts and functions exceeds the limit of 32. The excess code will not be executed.	Make sure the total number of Global D-Script and functions does not exceed 32 by uniting multiple scripts with the same trigger conditions.	
Global D-Script [Global D-Script No.] has an error. Invalid Expression.	Refer to the comments displayed in the [Message Area], use the Tool Box and the Built-in Functions, and make sure to input the correct format.	☞ "20.8 Settings Guide 20.8.1 Common Settings Guide (D-Script)" (page 20-50)
The Extended Script has an error. Invalid Expression.	Refer to the comments displayed in the [Message Area], use the Tool Box and the Built-in Functions, and make sure to input the correct format.	
The no. of Data Transfer Displays exceeds the limit of 32. The excess displays won't work.	Make sure the total number of displays placed in the whole project does not exceeds 32.	☞ "6.14 Restrictions 6.14.1 Restrictions for Creating Screens ■ No. of Features that can be Placed on a Screen" (page 6-132)
An error exists in ∗∗∗. Up to 8 data block display graphs or historical trend graphs can be placed on a screen.	Up to 8 Data Block Display Graphs and Historical Trend Graphs can function on one Base Screen. For 9 or more parts, separate them on different screens.	
An error exists in ∗∗∗. Up to 40 channels of data block display graphs or historical trend graphs can be set.	Make sure the total no. of channels for the Data Block Display Graph and Historical Trend Graph on one screen does not exceed 20.	☞ "17.8 Restrictions 17.8.2 Restrictions for Historical Trend Graphs" (page 17-69)
The no. of parts of ∗∗∗ exceeds the limit.	Make sure the total no. of parts placed on one screen does not exceed 384.	☞ "6.14 Restrictions 6.14.1 Restrictions for Creating Screens ■ No. of Features that can be Placed on a Screen" (page 6-132)
The no. of addresses of ∗∗∗ exceeds the limit.	Make sure the total no. of addresses set to parts on one screen does not exceed 1,000.	
The capacity of ∗∗∗ exceeds the limit.	Make sure the data capacity per screen does not exceed 1MB by separating the parts on different screens.	☞ "6.14 Restrictions 6.14.1 Restrictions for Creating Screens ■ No. of Screens that can be Created" (page 6-131)

Continued

Error Message	Handling method	Reference
An error exists in ∗∗∗. The Data Display (with input permit), the Sampling Data Display, and the Special Data Display (displayed in CSV) cannot be placed at the same time.	Make sure to place only one Display.	—
An error exists in ∗∗∗. Data Display (with Popup Key-pad) is not available on a window screen.	Remove the Data Display's input permit feature, or use the [Bit] action settings instead of the [Touch] action.	☞ "14.12 Data Display/Input Settings Guide 14.12.1 Numeric Display" (page 14-53)
An error exists in ∗∗∗. Only 1 alarm summary feature can be placed on a screen.	Make sure to only place 1 Alarm part (Summary) on the screen. For any others, the action may not function correctly.	☞ "19.3 Viewing Active Alarms in a List 19.3.2 Setup Procedure" (page 19-14)
An error exists in ∗∗∗. Only 1 alarm part that uses the sub display can be placed on a screen.	When multiple Alarm parts (History) are placed on the screen, sub displays will not function. Ensure there is only one Alarm part (History).	☞ "19.9 Settings Guide 19.9.3 Text Alarm Settings Guide" (page 19-118)
An error exists in ∗∗∗. Only 1 text alarm can be placed on a screen.	Make sure to only place 1 text alarm on the screen. For any others, the action may not function correctly.	☞ "19.10 Restrictions 19.10.4 Text Alarm Restrictions" (page 19-137)
An error exists in ∗∗∗. Only 1 CF file display feature of the Picture Display can be used in a screen.	Make sure to only place 1 Picture Display (CF file display feature) on the screen. For any others, the action may not function correctly.	☞ "10.6 Restrictions 10.6.4 Restrictions for Picture Display (CF Image Display)" (page 10-56)
An error exists in ∗∗∗. Up to 512 display positions, whose no. is set in Move Display, can be placed on a screen.	Make sure that the no. of displayed Image Display parts placed on one screen does not exceed 512.	☞ "10.6 Restrictions 10.6.3 Restrictions for Picture Display (Move Display)" (page 10-54)
An error exists in ∗∗∗. Up to 30 move indications (marks) of Picture Display can be placed in a screen.	Please lessen the no. of Image Display parts placed on the screen.	
An error exists in ∗∗∗. Only 1 data transfer feature of the Special Data Display can be used on a screen.	Make sure to only place 1 Special Data Display (data transfer feature) on the screen. For any others, the action may not function correctly.	—

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Error Message	Handling method	Reference
An error exists in ∗∗∗. Only 1 CSV display feature of the Special Data Display can be used on a screen.	Make sure to only place 1 Special Data Display (CSV display feature) on the screen. For any others, the action may not function correctly.	☞ "25.13.2 Restrictions on Displaying/ Editing/Printing CSV Data ■ Display Restrictions" (page 25-116)
An error exists in ∗∗∗. Only 1 File Manager Display (Special Data Display) can be placed on a screen.	Make sure to only place 1 Special Data Display (File Manager feature) on the screen. For any others, the action may not function correctly.	
An error exists in ∗∗∗. The edit mode of the CSV display feature of the Special Data Display cannot be placed on a window screen.	Make sure to use the CSV display feature of a Special Data Display placed on a base screen.	
An error exists in ∗∗∗. The File Manager Display feature of the Special Data Display isn't available on the window screen.	Make sure to use the File Manager feature of a Special Data Display placed on a base screen.	
An error exists in ∗∗∗. Only 1 Sampling Data Display can be placed on a screen.	Make sure to only place 1 Sampling Data Display on the screen. For any others, the action may not function correctly.	—
An error exists in ∗∗∗. Only 1 Historical Data Display Switch can be placed on a screen.	Make sure to only place 1 Switch/Lamp (Historical Data Display feature) on the screen. For any others, the action may not function correctly.	☞ "17.8.2 Restrictions for Historical Trend Graphs ■ Restrictions for Display Historical Data" (page 17-71)
An error exists in ∗∗∗. Only 1 Historical Trend Graph with the Historical Data Display feature selected can be placed on a screen.	Make sure to only place 1 Historical Trend Graph (Historical Data Display feature) on the screen. For any others, the action may not function correctly.	
An error exists in ∗∗∗. Up to 3 windows (up to 2 in the case of global windows) in which continuous read is set can be placed on a screen.	Make sure that the number of Window parts placed on the screen for continuous read settings does not exceed 3 (2 when using Global Windows). Any other Windows will not function, however, up to 3 continuous read Windows and 381 common Windows can be placed on the screen.	☞ "18.7 Window Part Settings Guide 18.7.1 Bit Action" (page 18-22)
Only 1 keypad can be called up on a screen.	Make sure to only place 1 keypad (call screen with a registered keypad) on the screen. For any others, the action may not function correctly.	☞ "9.10 Pasting an Image" (page 9-62)
A duplicate security setting password exists. Please change the password.	Please set a different password for each level.	☞ "22.5 Common Settings Guide (Security Settings) 22.5.1 Password Settings" (page 22-9)

30.3 Transmission Errors

Error Message	Cause and Solution	Reference
Invalid IP Address	The designated IP address' value is illegal. Input a correct IP address.	—
The IP Address already exists. Add/Change is disabled.	When adding an IP address, the IP address is already set. Designate an unused IP address.	—
Failed to receive the folder list. Moved to the root folder.	The folder displayed in the CF-card tool could not display so the display moved to the root folder. The cause can be that the folder has been deleted or that the CF-card has been changed. Confirm whether the folder has been deleted or the CF-card has been taken out.	☞ "27.5 Transferring Only Data to a CF-Card" (page 27-27)
The appointed file name already exists. Please specify another name.	This appears when you are trying to rename a file in the CF-card tool and the file name already exists. Designate an unused file name.	
Disconnected. The CF-card connection will be terminated.	The connection has been cut because of a removed cable, etc. Make sure that all cables are correctly connected. [LAN] • Make sure that the PC's IP address is correctly set. • Make sure that the type of cable is correct. [USB] • Make sure that the USB cable is made by Digital Electronics Corporation. • Make sure that the driver is installed.	—
Invalid password	The password that you have entered is incorrect. Enter the correct password.	☞ "27.6 Permitting Transfer with Passwords" (page 27-30)
Invalid password. Transmission was canceled.	This appears when you enter the incorrect password 3 times. Enter the correct password.	
Failed to open the socket.	The LAN port is not enabled. Check the PC's LAN settings.	—
Failed to read the project.	Either the file is damaged, or the file you have selected is not a project file. Select the correct project file.	—

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Error Message	Cause and Solution	Reference
Failed to connect to the main unit.	Either a cable is loose, or you are using an unsupported main unit. Confirm the cable's type and connection, and make sure the USB driver is installed.	☞ "27.2 Transferring with a USB Transfer Cable" (page 27-4)
Failed to access the file.	You may not have permission to access this file. Check the PC's access privileges.	—
The above was during communication.	You cannot communicate either because the cable is disconnected, or because of noise. Check the cable's surroundings and make sure that the cable is not severed, and that no noise is occuring. (Do not use a USB extension cable, etc.)	—
The memory error occurred.	The PC's memory is insufficient. Shut down another application or restart the OS and run the transfer tool again.	—
Failed to recognize the destination main unit. Please confirm whether the model is supported by GP-Pro EX or the transfer tool.	You are trying to transfer to a device that cannot be recognized by the editor. Confirm whether or not the destination unit is a GP.	—
Failed to acquire the information.	Either the system is not downloaded, or the model is not supported. Confirm whether the model is supported, and transfer the main unit's system again.	☞ "27.1 Settings Menu" (page 27-2)
Invalid password. Transmission was canceled.	The password cannot be checked. The file may be damaged. Please check it again in an area with no electrical noise. (Do not use a USB extension cable, etc.)	—
Failed to connect because the main unit was in communication with the transfer tool.	It is communicating with another computer. Wait until the communication finishes.	—
Failed to write data.	The file cannot be accessed and cannot be written to the GP due to damage, etc. After checking the access privileges for the PC's hard drive, force the data to be sent.	☞ "27.7 Transfer Tool Settings Guide 27.7.1 [Transfer Settings] Settings Guide" (page 27-37)

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Error Message	Cause and Solution	Reference
Failed to receive the project. Please execute it again.	A data error occurred when receiving data. Confirm that there is not a lot of noise occurring. (Do not use a USB extension cable, etc.)	—
Not send project.	The project data does not exist on the GP unit. (The unit is showing the default Initial Start Mode screen, etc.) Or the data is damaged. First, transfer the project.	☞ "27.1 Settings Menu" (page 27-2)
Failed to save the CF-card data.	Either the CF-card is not correctly inserted, or it is write-protected. Make sure the CF-card can be used (you may not be able to access CF-cards not made by Digital Electronics Corporation).	—
The project does not agree with the transfer destination main unit.	The transfer source project and the project inside the main unit are different and therefore could not be compared. Only the same project can be compared.	☞ "27.4 Confirming Projects' Changes Prior to Transfer (Comparison)" (page 27-24)
The format went wrong.	The initialization of the main unit device failed. Transfer again in a location where there is not a lot of noise occurring.	—
The transfer destination main unit was not found.	The designated communication device does not exist or cannot be used. Confirm the PC's LAN settings and check if the USB driver is installed.	—
Failed transfer.	An error occurred during communication. Confirm that there is not a lot of noise occurring. (Do not use a USB extension cable, etc.)	—
File access went wrong with the Machine.	The data write to the main unit failed due to a flash malfunction. If there is no improvement even after a forced transfer, contact customer support.	☞ "27.7 Transfer Tool Settings Guide 27.7.1 [Transfer Settings] Settings Guide" (page 27-37)
Whether CF card is not inserted or non-supported model.	Confirm whether the CF-card is correctly inserted. (You may not be able to access CF-cards not made by Digital Electronics Corporation.)	—

Continued

Error Message	Cause and Solution	Reference
The appointed file name already exists. Please specify another name.	There is a directory with the same name as the file you are trying to copy. Delete the content of the CF-card and retransmit the file. If an error occurs while you are transmitting the project, force the transfer.	☞ "27.5 Transferring Only Data to a CF-Card" (page 27-27)
Failed to write to the CF-card.	The CF-card may not be correctly inserted, or it may be write-protected. Make sure that the files in the CF-card are not write-protected.	—
The file required for transfer-ring was not found.	A file needed for transfer is damaged or does not exist on the hard drive. Reinstall the transfer tool.	☞ "27.7 Transfer Tool Settings Guide 27.7.4 Transferring when Only Transfer Tool is Installed" (page 27-41)
The timeout error occurred.	Confirm that there is not a lot of noise occurring. (Do not use a USB extension cable, etc.)	—
Exception error.	A module needed for transferring may not be correctly installed. Reinstall the transfer tool.	☞ "27.7 Transfer Tool Settings Guide 27.7.4 Transferring when Only Transfer Tool is Installed" (page 27-41)
Failed to send the project. The size of the project exceeds the max capacity.	The data size of the project file you are trying to transfer exceeds the GP's screen capacity. Decrease the data size by deleting unnecessary screen data, etc.	☞ "6.7 Seeing the Project Information" (page 6-36)
This project is the one created with the Trial version of the drawing software. Please save it with the Product version before executing transmission.	Please save the data with the regular version (Product version).	—

30.4 Errors Displayed on the GP

■ Application Errors

Error No.	Error Message	Cause and Solution	Reference
RAAA001	No project data exists. (Transfer a project.)	No project file exists. Transfer a project.	☞ "27.2 Transferring with a USB Transfer Cable 27.2.2 Transfer Procedure ■ Transfer from PC to GP (Send)" (page 27-5) ☞ "27.3 Transferring Using Ethernet (LAN) 27.3.2 Transfer Procedure ■ Transfer from PC to GP (Send)" (page 27-12)
RAAA002	The project data size exceeds the capacity.	The project data size exceeds the maximum capacity. Or, the number of screens exceeds 16,000 files. Reference the "Project Information" in GP-Pro EX, and make sure it does not exceed the general capacity.	☞ "6.7 Seeing the Project Information" (page 6-36)
RAAA003	The project data is invalid. (Transfer the project again.)	There is an error in the project file. Transfer the project again.	☞ "27.2 Transferring with a USB Transfer Cable 27.2.2 Transfer Procedure ■ Transfer from PC to GP (Send)" (page 27-5) ☞ "27.3 Transferring Using Ethernet (LAN) 27.3.2 Transfer Procedure ■ Transfer from PC to GP (Send)" (page 27-12)
RAAA004	The system screen is invalid. (Execute forced transfer.)	The system screen does not exist or is invalid. Force a transfer.	☞ "27.7 Transfer Tool Settings Guide 27.7.1 [Transfer Settings] Settings Guide" (page 27-37)
RAAA005	The specified initial screen no. does not exist. (XXXX)	The screen cannot display because the screen number designated in the Initial Screen Settings does not exist in the project. Change the Initial Screen No. or add the screen. The screen number designated in the parentheses is displayed.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ◆ Display Settings" (page 6-90)

Continued

Error No.	Error Message	Cause and Solution	Reference
RAAA006	The project data contains functions that are not supported by this version.	There are functions that cannot be recognized by the runtime program. The editor's version and runtime's version may not match. Update the runtime's version.	—
RAAA007	The no. of parts in the screen exceeds the limit. (MAX 384)	There are more than 384 parts set on a single screen. The number of parts exceeds the limit during a screen change or when opening a window. Make sure to set parts within the permitted range.	☞ "6.14 Restrictions 6.14.1 Restrictions for Creating Screens ■ No. of Screens that can be Created" (page 6-131)
RAAA008	The font (XXXX) does not exist. (Transfer the font with the project.)	The font you are trying to display does not exist in the system. Download the font into the system. The following table shows the font names. English Standard Japanese Standard Korean Standard Chinese Standard Taiwanese Standard English Stroke Japanese Stroke Korean Stroke Chinese Stroke Taiwanese Stroke	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Font Settings] Settings Guide" (page 6-112)
RAAA010	The CF card has not been inserted, or the CF card hatch is open.	When trying to display a CF-card file with a Picture Display, the CF-card has not been inserted. Copy the image file or JPEG file to the CF-card and insert the CF-card into the GP3000 Series.	☞ User Manual
RAAA011	Failed to start from the CF card.	Regardless of whether DIP SW1 is ON, the necessary file does not exist to start from the CF-card. Or the necessary file may have an error. Copy the startup project to the CF-card again.	—
RAAA050	Clock Setting Error	When changing the clock data, the data write to the clock IC failed. The IC chip may be broken.	—

Continued

Error No.	Error Message	Cause and Solution	Reference
RAAA051	Low battery	Due to the low voltage of the backup lithium battery, the backup SRAM's data is erased, and the clock data will not be correctly kept. Supply enough power to the GP and set the clock data again.	☞ User Manual
RAAA100	The system start device address is incorrect.	The system device start address is not set correctly or has an error. Set the correct address while offline, or transfer a project.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ◆ System Area Settings" (page 6-110)
RAAA101	Illegal/Undefined Device Address	A device address in the part or function settings is illegal. Make sure to set the correct device address.	—
RAAA102	Failed to read from the Device/PLC. (XXXX)	Failed to read from the device/PLC. Confirm the connection status, such as whether the communication cable is disconnected, etc. The part name is entered in the parentheses.	☞ User Manual
RAAA103	The specified address is incorrect. (XXXX)	The designated address is incorrect. Make sure to set the correct address.	—
RAAA120	D-Script Error (The specified function does not exist or the function has an error.)	The function called in the D-Script does not exist. Or there is an error in the function. Check the function's format.	☞ "Chapter 21 Program Commands and Expressions" (page 21-1)
RAAA121	D-Script Error (These functions are nested to 10 levels or more.)	Functions in the D-Script are nested to 10 levels or more. Reduce the levels in the "if" and "loop" structures. * A nesting level is when function A calls function B, and then again when function B calls function C (function calling level).	☞ "21.8 Description Expression 21.8.3 loop - end-loop" (page 21-68)
RAAA122	D-Script Error (An expression exists, that is not supported by this version.)	An incompatible function was found in the project data's D-Script. Update the runtime's version.	—

Continued

Error No.	Error Message	Cause and Solution	Reference
RAAA123	D-Script Error (The SIO operation function is used in a condition where no Device/PLC has been set.)	SIO Operation functions are used in a D-Script while the device/PLC settings are not set. Configure the device/PLC settings.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Script Settings] Settings Guide" (page 6-118)
RAAA124	The D-Script has an error.	There is an error in the used D-Script. Check the commands' format.	☞ "Chapter 21 Program Commands and Expressions" (page 21-1)
RAAA130	Global D-Script Error. (The Total No. of Global D-Scripts exceeds the maximum of 32.)	The total number of Global D-Scripts exceeds the limit. The maximum number of Global D-Scripts available is 32 (each function also counts as one script).	☞ "20.9 Restrictions 20.9.1 D-Script/ Global D-Script Restrictions" (page 20-55)
RAAA131	Global D-Script Error. (The total no. of devices exceeds the maximum of 255.)	The total of all devices in the Global D-Script exceeds the limit of 255 devices. Reduce the number of used devices by using the Memory Operation function, etc.	
RAAA132	Global D-Script Error (The specified function does not exist or the function has an error.)	The function called in the Global D-Script does not exist. Or there is an error in the function. Check the function's format.	☞ "Chapter 21 Program Commands and Expressions" (page 21-1)
RAAA133	Global D-Script Error (These functions are nested to 10 levels or more.)	Functions in the Global D-Script are nested to 10 levels or more. Reduce the levels in the "if" and "loop" structures. * A nesting level is when function A calls function B, and then again when function B calls function C (function calling level).	☞ "21.8 Description Expression 21.8.3 loop - end-loop" (page 21-68)
RAAA134	Global D-Script Error (An expression exists, that is not supported by this version.)	An incompatible function was found in the project data's Global D-Script. Update the runtime's version.	—
RAAA135	Global D-Script Error (The SIO operation function is used in a condition where no Device/PLC has been set.)	SIO Operation functions are used in a Global D-Script while the device/PLC settings are not set. Configure the device/PLC settings.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Script Settings] Settings Guide" (page 6-118)

Continued

Error No.	Error Message	Cause and Solution	Reference
RAAA136	The Global D-script has an error.	There is an error in the used Global D-Script. Check the commands' format.	☞ "Chapter 21 Program Commands and Expressions" (page 21-1)
RAAA140	Extended D-Script Error (The total no. of functions exceeds the max of 255.)	The total number of Extended Scripts exceeds the limit. The maximum number of Extended Scripts is 255. Reduce the number of scripts by combining two scripts into one, etc.	☞ "20.9 Restrictions 20.9.2 Extended Script Restrictions" (page 20-58)
RAAA141	Extended D-Script Error (The specified function does not exist or the function has an error.)	A function called in the Extended Script does not exist. Or there is an error in the function. Check the function's format.	☞ "Chapter 21 Program Commands and Expressions" (page 21-1)
RAAA142	Extended D-Script Error (These functions are nested to 10 levels or more.)	Functions in the Extended Script are nested to 10 levels or more. Reduce the levels in the "if" and "loop" structures. * A nesting level is when function A calls function B, and then again when function B calls function C (function calling level).	☞ "21.8 Description Expression 21.8.3 loop - end-loop" (page 21-68)
RAAA143	Extended D-Script Error (An expression exists, that is not supported by this version.)	An incompatible function was found in the project data's Extended Script. Update the runtime's version.	—
RAAA144	Extended D-Script Error (The SIO operation function is used in a condition where no Device/PLC has been set.)	SIO Operation functions are used in a Extended Script while the device/PLC settings are not set. Configure the device/PLC settings.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Script Settings] Settings Guide" (page 6-118)
RAAA145	The Extended D-Script has an error.	There is an error in the used Extended Script. Check the commands' format.	☞ "Chapter 21 Program Commands and Expressions" (page 21-1)
RAAA150	The provided password is incorrect. Please enter the correct one.	The security feature's password input is incorrect. Confirm that the input is correct (upper-case/lower-case letters, etc.) and enter the password again.	☞ "22.4 Password Input Window 22.4.1 Introducing the Password Input Window" (page 22-7)

Continued

Error No.	Error Message	Cause and Solution	Reference
RAAA151	Change the screen from the host.	This appears when a screen change occurs from the PLC (host) by the forced screen change method (the traditional method for a screen change), and you cancel the displayed password input. If you want to cancel, make sure to use a cancel notification bit and return to the previous screen from the PLC (host).	—
RAAA152	Cannot use the COM port.	This appears when the COM port you are trying to use is already in use by another feature. Check the settings again.	☞ "7.4 Changing a Device/PLC" (page 7-18)
RAAA153	No dictionary file was found.	The English dictionary file does not exist in internal storage or in the CF-card. Transfer the project data again.	—
RAAA154	The specified filing data cannot be used with this project.	This appears if the designated filing data does not match the project data when transferring filing data from the CF-card to SRAM. Make sure to use filing data that matches the project data.	☞ "24.6 Saving Sampled Data to a CF-Card (Save in CSV)" (page 24-20)
RAAA155	The IP address duplicates that of another device. Please change the address of either this machine or the other. (IP:XXX.XXX.XXX.XXX,MAC:XX:XX:XX:XX:XX:XX)[1]	A machine with the same IP address exists on the network. Change the IP address of this machine or of the other machine.	☞ "27.3 Transferring Using Ethernet (LAN) 27.3.2 Transfer Procedure ■ Transfer from PC to GP (Send)" (page 27-12)
RAAA156	The 9th pin of the COM port has not been set to VCC (5V Power Supply). Please check your cable or connected equipment.	The COM port's 9-pin could not be set to VCC (5V power supply). Check the COM port's connection cable and the machine it is connected to. Then reset the machine or verify the project's script settings are set to a 5V power supply.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Script Settings] Settings Guide" (page 6-118)
RAAA157	Cannot put the Device/PLC into offscan state when the system start device address is assigned to it.	The connected device (main PLC) allotted to the System Top Device Address has been set to off-scan. The main PLC cannot off-scan. If you want to off-scan the main PLC, remove the setting that uses the System Data Area. Otherwise, cancel the main PLC's off-scan setting.	☞ "6.13 Settings Guide ◆ System Area Settings" (page 6-110)

*1 IP addresses are shown as decimal, MAC addresses are shown as hexadecimal.

■ System Errors

◆ When the GP's internal system will not start correctly

When there is a problem with the files related to starting the system, the following error messages will be displayed on the forced transfer screen. Transfer the system data again with the transfer tools.

> | NOTE | • For details about the transfer tools, please refer to "27.7 Transfer Tool Settings Guide" (page 27-35) .

Error Message	Affected Files	Cause
Start up Error : Boot.cfg	BOOT.CFG	Boot.cfg file, needed for startup, is deleted or damaged
Start up Error : Default Font	******.FNT	Default font data is deleted or damaged
Start up Error : LanSys.cfg	LANSYS.CFG	LAN settings file is damaged
Start up Error : System.cfg	SYSTEM.CFG	Files needed to start the GP system (system settings files) do not exist
Start up Error : CF memory loader	BOOT.CFG	Abnormal Boot.cfg file data in the CF-card during startup
Start up Error : CF MOUNT Error	—	CF-card read failed during startup
Start up Error : Runtime Load NG	BOOT.SYS LDMODULE.SYS STARTUP.SYS RUN****.SYS	GP internal system data is deleted or damaged
Start up Error : Runtime Start NG		Errors occurred during the GP system's startup: • Default font load error • User font load error
Compulsion Transfer Mode (DipSW2=ON)	—	Forced transfer display due to dipswitch 2 = ON[1]
Compulsion Transfer Mode (Panel Touch)		Compulsion transfer display forced by continuously touching the right or left bottom of the screen during startup. [1]

*1 This item does not indicate an error

◆ **When an abnormal file is detected during the GP's startup**

When there is a problem with the files needed after the system starts up, the following error messages will be displayed on the normal transfer screen. After fixing the problem, transfer the files again with the transfer tools.

NOTE • For details about the transfer tools, please refer to "27.7 Transfer Tool Settings Guide" (page 27-35) .

Error Message	Cause and Solution	Reference
An illegal or undetermined Device Address exists (∗∗∗∗∗). Please check the settings and transfer the project data again.	Appears when the device address used by a part or function's settings is invalid. The part or function name using the invalid address is displayed in the brackets. However, sometimes the brackets are not displayed.	⎯
Cannot read the file (∗∗∗∗∗) required for startup. Please transfer the project data again.	A file needed for startup could not be read. Transfer again and restore the system. The file name displayed inside the brackets is either abnormal or does not exist.	⎯
The no. of Devices/PLCs exceeds the limit. Please check the settings and transfer the project data again.	The no. of devices/PLCs exceeds the maximum setting. (Large-scale units: 4, medium-scale units: 2). Reconfirm the project settings and transfer it again.	☞ "6.13 Settings Guide 6.13.6 [System Settings Window] Setting Guide ■ [Peripheral List] Settings Guide" (page 6-113)