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Touch Panel Teaching CON-PTA/PDA/PGA/PGAS First Step Guide Tenth Edition

Thank you for purchasing our product.
Make sure to read the Safety Guide and detailed Instruction Manual (CD/DVD) included with the product in addition to this First Step Guide to ensure correct use.
This Instruction Manual is original.

⚠ Warning : Operation of this equipment requires detailed installation and operation instructions which are provided on the CD/DVD Manual included in the box this device was packaged in. It should be retained with this device at all times.
A hard copy of Manual can be requested by contacting your nearest IAI Sales Office listed at the back cover of the Instruction Manual or on the First Step Guide.

- Using or copying all or part of this Instruction Manual without permission is prohibited.
- The company names, names of products and trademarks of each company shown in the sentences are registered trademarks.

Product Check

This product is comprised of the following parts if it is of standard configuration.
If you find any fault in the contained model or any missing parts, contact us or our distributor.

1. Parts (The option is excluded.)

No.	Part Name	Model	Remarks
1	Main Body	Refer to “How to read the model plate”, “How to read the model No.”	
Accessories			
2	Touch Pen	Built in the Main Body	
3	First Step Guide		
4	Instruction Manual (DVD)		
5	Safety Guide		

2. Instruction manuals related to this product, which are contained in the DVD.

No.	Name	Manual No.
1	Touch panel teaching CON-PTA, CON-PDA, CON-PGA, PGAS Instruction Manual	ME0294
2	PCON-CA Controller Instruction Manual	ME0289
3	Instruction Manual for the actuator with integrated ERC2 controller <PIO type>	ME0158
4	Instruction Manual for the actuator with integrated ERC2 controller <SIO type>	ME0159
5	Instruction Manual for the actuator with integrated ERC3 controller	ME0297
6	PCON-C/CG/CF Controller Instruction Manual	ME0170
7	PCON-CY Controller Instruction Manual	ME0156
8	PCON-SE Controller Instruction Manual	ME0163
9	PCON-PL/PO Controller Instruction Manual	ME0164
10	ACON-C/CG Controller Instruction Manual	ME0176
11	ACON-CY Controller Instruction Manual	ME0167
12	ACON-SE Controller Instruction Manual	ME0171
13	ACON-PL/PO Controller Instruction Manual	ME0166
14	ACON-CA/DCON-CA Controller Instruction Manual	ME0326
15	SCON-C Controller Instruction Manual	ME0161
16	SCON-CA/CAL/CGAL Controller Instruction Manual	ME0243
17	ROBONET Instruction Manual	ME0208
18	ASEP/PSEP/DSEP Controller Instruction Manual	ME0267
19	PMEC/AMEC Controller Instruction Manual	ME0245
20	MSEP Controller Instruction Manual	ME0299
21	MSCON Controller Instruction Manual	ME0306

3. How to read the model plate

Model → MODEL CON-PTA
Serial number → SERIAL No.900109940 A1 MADE IN JAPAN

4. How to read the model No.

C O N - P T A - C - E N G

<Model>
CON-PTA : Standard Type
CON-PDA : With deadman switch Type
CON-PGA : Safety Category 4 Compliance Type
CON-PGAS : Safety Category 4 Compliance Type
<Display Color>
C : TFT Color LCD Type

<Option>
Not specified : Screens are displayed in Japanese. (Display can be changed to English or Chinese)
ENG : Screens are displayed in English. (Display can be changed to Japanese or Chinese)
CHI : Screens are displayed in Chinese. (Display can be changed to Japanese or English)

Supported Models

List of Support Models

Controller Model No.						
ERC2 Note1	ACON-CB	DCON-CB	PCON-CA	SCON-C	RACON	MSEP
ERC3	ACON-CYB	DCON-CYB	PCON-CB	SCON-CA	RPCON	AMEC
RCP6S	ACON-PLB	DCON-PLB	PCON-CYB	SCON-CAL	ASEP	PMEC
ACON	ACON-POB	DCON-POB	PCON-PLB	SCON-CGAL	PSEP	MSCON
ACON-CA	DCON-CA	PCON	PCON-POB	SCON-CB	DSEP	MCON

Note1 Check the sticker attached on the left surface (from the back view) of the cover of ERC2 main unit.
The support is available only for the types of PCB stated below.

Note on the Label

PCB types
NP T1 **4904**, **4905**, **6302**
PN T1 **4904**, **4905**, **6302**

Controllers can be connected with a relay of SIO convertor to SE type of ERC2.

Basic Specifications

Specifications

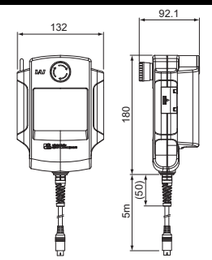
Item	Specification
Screen	TFT Color LCD Type
Font	Japanese Bitmap Font Gothic Fonts supplied by LIM Corporation Ltd. are used.
Power supply voltage range	DC24V ±10% (supply than the controller)
Power Demand	3.6W or less (150mA or less)
Ambient air temperature, humidity	Temperature 0 to 40°C Humidity 20 to 85%RH (There should be no dew condensation).
Ambient storage temperature, humidity	Temperature -20 to 60°C Humidity 10 to 85%RH (There should be no dew condensation).
Vibration resistance	10 to 55Hz (5-minute period) (Test Condition) Duplex Amplitude 0.35mm X,Y,Z Direction for 50minutes
Impact Resistance	(Test Condition) 9.8m/s^2 or more X,Y,Z Direction Four Times
Environment Resistance	IP40 or equivalent
Dimensions	180mm (L) × 132mm (W) × 92.1mm (D)
Weight	CON-PTA : Approx. 570g (Including the 5m cable) CON-PDA/PGA/PGAS : Approx. 600g (Including the 5m cable)
Cable length	5m (Standard)
Accessories	Touch pen
SD Memory Card Slot(Note1)	SD, SDHC (Manufactured by Toshiba) 1G to 8G byte

Note 1 SDHC™ Secure Digital card is a registered trademark for SD-3C, LLC and SDA.

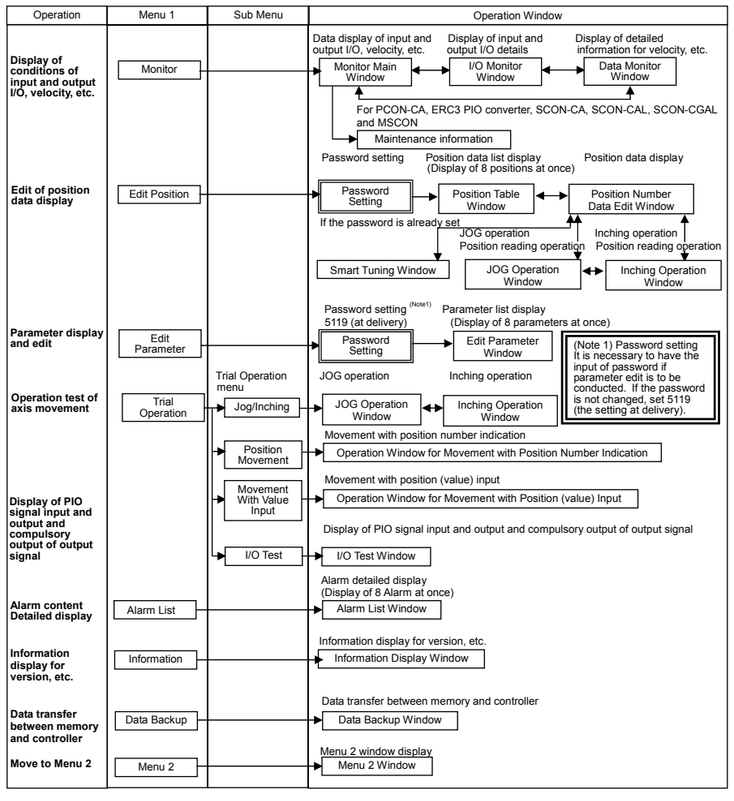
Language Change

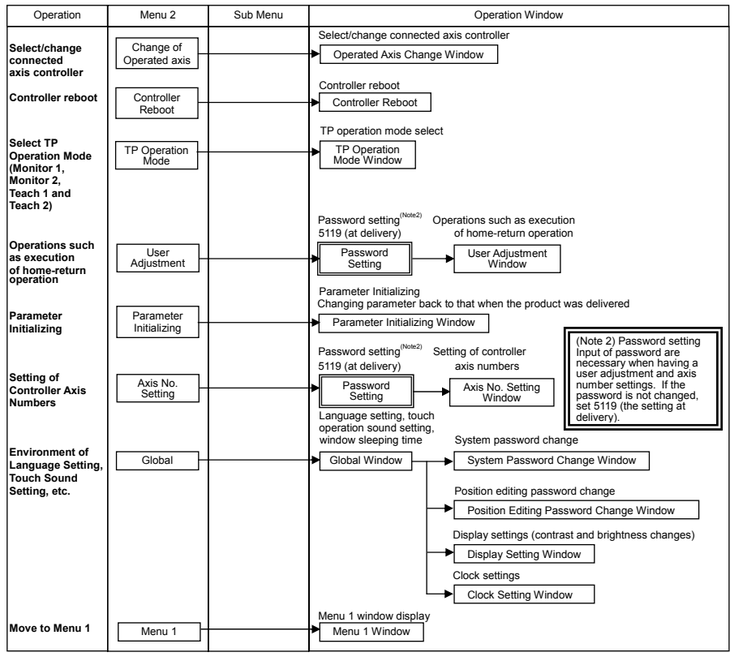
Model	Displayed Language (at Delivery)	Available Language
CON-PTA-C-ENG	English	Japanese or Chinese

External Dimensions

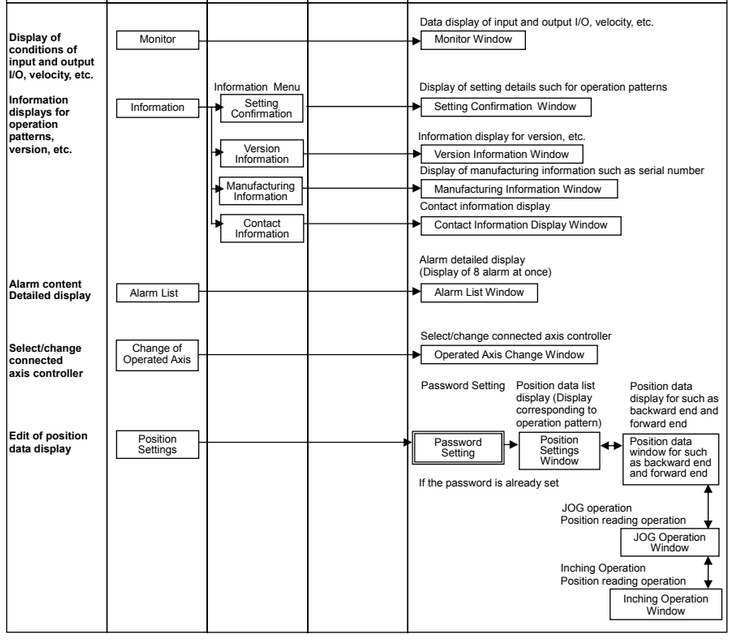


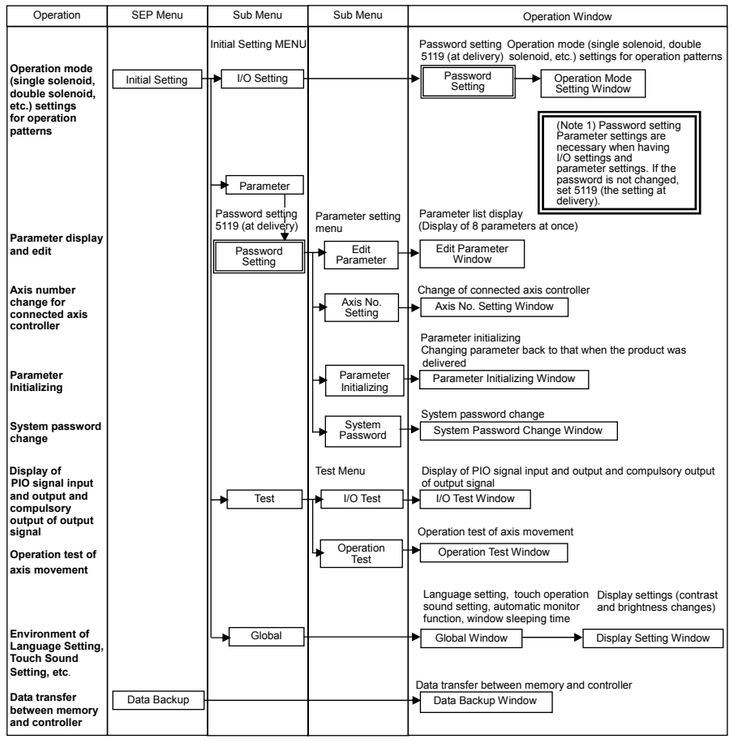
Operation Menu for CON Related Controllers



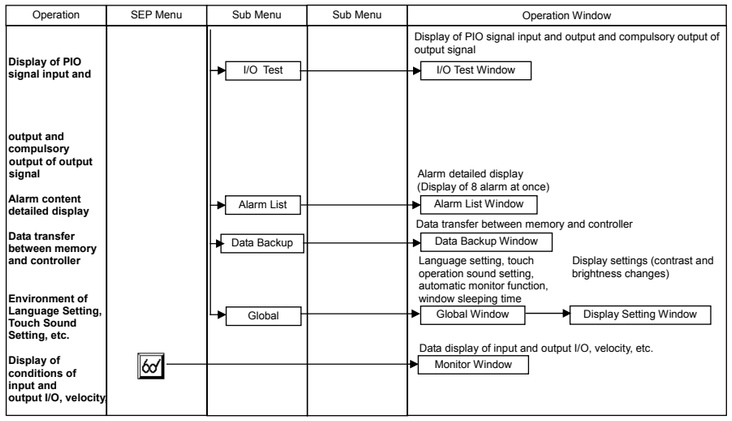


Operation Menu for SEP Related Controllers





Operation Menu for MEC Related Controllers

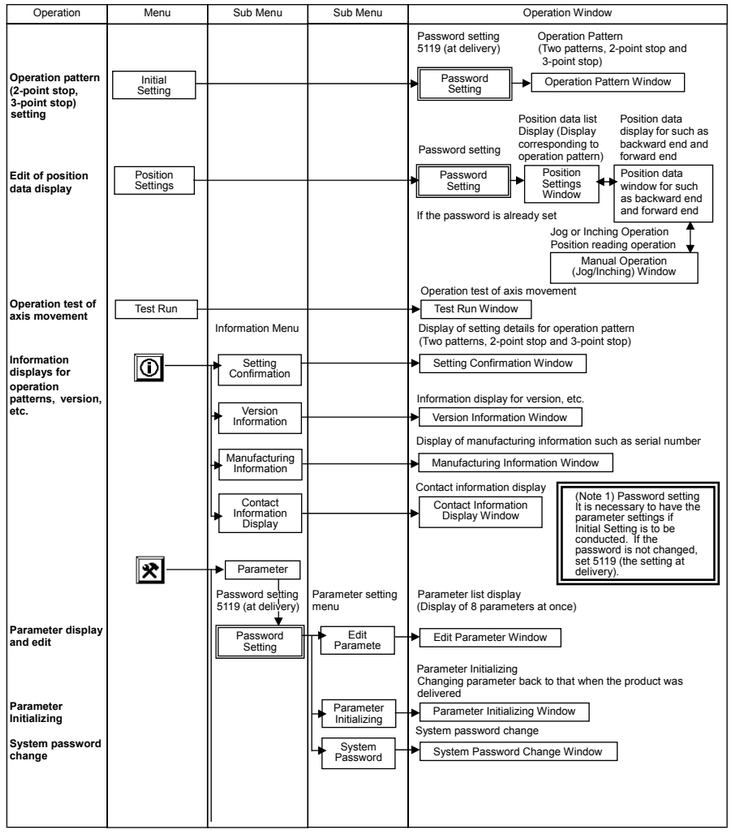


Treatment in an emergency

Listed below are the main error codes detected often in the touch panel teaching. For the other error codes, please refer to Instruction Manual (CD/DVD manual) enclosed with the main unit.

For the error codes specialized for each controller, please refer to Instruction Manual (CD/DVD manual) provided with each controller.

Code	Error Description	Cause and Treatment
308	Response Timeout Error No response is returned from the controller.	Cause : A wire breakage is caused in the controller connection cable. Treatment : Check the wiring for or wire breakage in the connection cable. Cause : It is temporary error due to noise. Treatment : Re-input the power to the controller.
30D	Abnormal Response Receive Error An abnormal response is returned from the controller.	Cause : It is temporary error due to noise. Treatment : If it is caused frequently, check the noise protection measure, etc., in the power unit.



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