
CONPROSYS Series

CPS-MG341-ADSC1-931 Product Guide

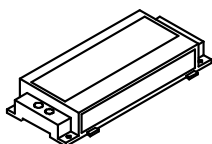
CONTEC CO., LTD.

Thank you for purchasing the CONTEC product. The product you have purchased consists of the following items. Check, with the following list, that your package is complete. If you find any item either missing or damaged, please contact the sales representative you purchased the product from.

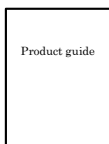
Be sure to read both the Hardware Manual and the System Setup Guide thoroughly to use this product correctly. Visit our website for downloading free software tools.

Product Configuration List

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CPS-MG341-ADSC1-931



Product guide



Warranty Certificate



Serial Number Label



3-pin Connector
(Power Supply/Analog)



5-pin Connector
(RS-422A/485)



10-pin Connector
(Digital)

* This product is verified in conformity with our recommended power supply. In case you use other power supplies, thus, it may not be able to fulfil certification requirements. Please see the Contec website regarding power supply recommendation.
(<https://www.contec.com/>)

About the manual

Read and check the details by downloading the manual from the CONTEC website

(<https://www.contec.com/>). (myCONTEC membership registration is required for downloading)

1. From the Contec website, expand Downloads located on the upper side, and click Technical guides.
2. Enter the model type you wish to search in the box and click Search. From the search results, click the check-mark in the “Manual/Technical documents” of this product.
3. Download the appropriate manual from “Manual/Technical documents”.




Safety Precautions

Understand the following definitions and precautions to use the product safely.

The caution mark “⚠” on the product requires users to read the manual and study the meaning of the marks without fail.

Safety Information

This document provides safety information using the following symbols to prevent accidents resulting in injury or death and the destruction of equipment and resources. Understand the meanings of these labels to operate the equipment safely.

 DANGER	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or in property damage.

Handling Precautions

DANGER

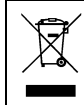
- Do not use the product in locations exposed to a flammable or corrosive gas. It may cause explosion, fire, electrical shock, or malfunction.
- Do not allow this device to come into contact with foreign substances (metal particles, flammable substances, liquids, etc.) This can cause fire or electrical shock.
- Do not place this device in an unstable location or use incomplete mountings. This may cause the device to fall.
- Be sure to connect the product to the stipulated power supply voltage. Connecting to a different voltage might cause a fire or electrical shock.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- This product is not intended for usage in aerospace, space, nuclear power, medical equipment, or other applications that require a very high level of reliability. Do not use the product in such applications.
- If using this product in applications where safety is critical such as in railways, automotive, or disaster prevention or security systems, please consult your retailer.

CAUTION

- Do not use or store the product in a location exposed to extremely high or low temperature or susceptible to a rapid temperature change. Example: - Exposure to direct sun - In the vicinity of a heat source
- Do not use this product in extremely humid or dusty locations. It is extremely dangerous to use this product with its interior penetrated by water or any other fluid or conductive dust. If this product must be used in such an environment, install it on a dust-proof control panel, for example.
- Avoid using or storing this product in locations subject to shock or vibration.
- When transporting the product, take suitable measures to avoid applying shock or vibration directly to the product. Impact resistance: 15G (11ms) below.
- Use the product in the specified operating condition (temperature, humidity, vibration and shock)
- The product should always be grounded (earth).
- Avoid installing in the place where ventilation of the product may compromise. Insufficient aeration could heat up the product and lead to malfunctions or damages.
- Do not use the product in the vicinity of devices that generate strong magnetic force or noise. Such products will cause the product to malfunction (stop, reboot).
- Do not use or store this product in the presence of chemicals.
- When removing connectors or cables, never fail to unplug the power cables and confirm the LEDs are turned off.
- Do not modify this product. CONTEC will bear no responsibility for any problems, etc., resulting from modifying this product.
- In the event of failure or abnormality (foul smells or excessive heat generation), unplug the power cables immediately and contact your retailer.
- To connect with peripherals, use a grounded, shielded cable.
- To clean the product, wipe it gently with a soft cloth dampened with either water or mild detergent. Do not use chemicals or a volatile solvent, such as benzene or thinner, to prevent the paint to be scraped or discolored.
- When connecting cables, first check the shapes of connectors, and then insert them in the correct orientation. After they are connected, do not put too much load on the connected part. Doing so may result in poor contact or damage to the product and the connected part.
- Do not touch metal parts or terminals with your hands when the product is in operation. Otherwise, the product may malfunction, or cause failure.
- Do not touch the product or connectors with a wet hand to avoid electric shock.

- The specifications of the product are subject to change without notice for enhancement and quality improvement. Even when using the product continuously, be sure to read the manual in the CONTEC's website and understand the contents.
- When the product is used in a place that is affected by overcurrent or overvoltage (lightning surge), select appropriate surge protection device for all of the route (Power line, LAN, RS-232C, RS-422A/485, AI, DIO, earth, etc.). Consult with the specialist regarding selecting, purchasing, and setting the surge protection device.
- When disposing of the product, follow the disposal procedures stipulated under the relevant laws and municipal ordinances.
- Regardless of the foregoing statements, CONTEC is not liable for any damages whatsoever (Including damages for loss of business profits) arising out of the use or inability to use this CONTEC product or the information contained herein.

Battery handling and the storage in EU signatory



Note: This symbol mark is for EU countries only.

This symbol mark is according to the directive 2006/66/EC Article 20 Information for end-users and Annex II.

This symbol mark means that batteries and accumulators, at their end-of-life, should be disposed of separately from your household waste. If a chemical symbol is printed beneath the symbol mark shown above, the battery or accumulator contains a heavy metal at a certain concentration. This will be indicated as follows: Hg: mercury (0.0005%), Cd: cadmium (0.002%), Pb: lead (0.004%) These ingredients may cause hazardous conditions for human and the environment.

Please refer to the hardware manual for the specification, as well as how to remove and dispose the batteries.

SOFTWARE LICENSE AGREEMENT

PLEASE READ THIS SOFTWARE LICENSE AGREEMENT (the "Agreement") CAREFULLY BEFORE OPENING THE PACKAGE OF, DOWNLOADING, INSTALLING, OR USING THE CONTEC'S SOFTWARE. THIS AGREEMENT SET FORTH TERMS AND CONDITIONS REGARDING THE LICENSE TO USE CONTEC'S SOFTWARE DESCRIBED IN THE LICENSE SHEET (the "Software"). BY OPENING THE PACKAGE, DOWNLOADING, INSTALLING OR USING THE SOFTWARE, CUSTOMERS ARE AGREEING TO BE BOUND BY THE AGREEMENT. IF CUSTOMERS DO NOT AGREE TO THE AGREEMENT, CUSTOMERS MAY RETURN THE PRODUCT, WITHOUT OPENING THE PACKAGE, TO THE PLACE WHERE CUSTOMERS OBTAINED IT FOR A REFUND. CUSTOMERS MAY NOT OPEN THE PACKAGE OF, DOWNLOAD, INSTALL OR USE THE SOFTWARE WITHOUT AGREEING TO THE AGREEMENT.

Article 1. Intellectual Property Rights

The copyright, patent right or any other intellectual property right pertaining to the Software or any documentary attachments, such as manuals or license sheets, as well as any copies thereof (the "Software and the Like") shall belong to CONTEC, and customers shall have no rights therefor other than those expressly authorized herein.

Article 2. Permitted License

1.CONTEC grants customers a non-exclusive right to install and use, free of charge, the Software solely for the purpose of using hardware products onto which the Software has been installed.

2.Customers may copy the Software for a minimum number of times as necessary solely for emergency backup purposes in using the Software. However, description regarding any of the rights pertaining to the Software supplied by CONTEC shall be attached to any such copies.

3.Customers may incorporate software provided by CONTEC as a library onto software created by the customer.

Article 3. Restrictions on Use

Customers shall not:

- (1)Create any derivative software from the Software other than as set forth herein;
- (2)Copy the Software other than as set forth therein;
- (3)Modify, adapt, decompile, disassemble or reverse-engineer the Software; or
- (4>Delete or alter the representation or trademark of the rights of the Software.

Article 4. Limited Liabilities

1.Except expressly warranted in article 7, CONTEC hereby disclaims any warranty with respect to the software, either express, implied or statutory, including but not limited to, the implied warranties of merchantability, of satisfactory quality, or fitness for a particular purpose and/or non-infringement of third party rights.

2.To the extent not prohibited by law, in no event shall CONTEC be liable for personal injury, or any incidental, special, indirect or any other commercial damages or losses, arising out of or related to your use or inability to use the software and the like.

Article 5. Transfer

1.Customers may transfer their rights authorized in accordance with this Agreement, to a third party only when the customer satisfies all of the following conditions:

- (1)The customer transfers the Software and the Like, or the Software installed in the hardware to such third party together with the Agreement and the license sheet; and
- (2)The recipient of the transfer agrees to the terms and conditions herein.

2.When the Software and the rights are transferred in accordance with Section 1 of Article 5, the recipient of the transfer shall be deemed to be bound by the Agreement from the time of such transfer.

Article 6. Termination

- 1.CONTEC may terminate the Agreement with immediate effect without any notice or demand to the customer if the customer fails to comply with any of the provisions herein.
- 2.Upon the termination of the Agreement, the customer's license shall cease to be effective. The customer shall immediately discontinue using the Software in any way, and shall uninstall and destruct any reproduction of the Software.

Article 7. Limited Warranty on Media

1.CONTEC warrants the media on which the Software is recorded and delivered by CONTEC to be free from defects in materials and workmanship under normal use for a period of 30 days from the original retail purchase. Customers' exclusive remedy shall be replacement of the Software which is returned to CONTEC through the distributor.

Article 8. Information regarding the Software

- 1.The information and/or updated program will be delivered through the website of CONTEC.
- 2.The information and/or updated program will be licensed to the Customers in accordance with the Agreement. Customers may use the information and/or updated program at their discretions and responsibilities, however, in case the Customers use such information and/or updated program

they shall comply with the terms and conditions of the Agreement.

Article 9. Export Control

1.Customers shall comply with the Foreign Exchange and Foreign Trade Act of Japan, the U.S. Export Administration Regulation and the laws and regulations of any other country when taking the Software and the Like outside Japan.

2.Customers shall not transfer, export or re-export the Software and the Like to any individual or entity that is likely to use the Software and the Like to design, develop or manufacture nuclear weapons, biochemical weapons, or to design, develop or manufacture missiles.

3.Customers shall not transfer, export or re-export the Software and the Like to any individuals or entities set forth in the following countries or regions:

- (1)The Republic of Cuba, The Islamic Republic of Iran, the Republic of Iraq, the Great Socialist People's Libyan Arab Jamahiriya or North Korea;
- (2)Any individuals or entities on the "List of Foreign Users" based on the Import Trade Control Order or the U.S. Department of Commerce Denied Person's List or Entity List; or
- (3)Any country, region, individual or entity designated by the government of Japan, the U.S. or any other relevant country.

Article 10. Governing Law

The provisions herein shall be construed and governed in accordance with the laws of Japan. This Agreement shall not be governed by the United Nations Convention on Contracts for the International Sale of Goods, the application of which is expressly excluded.

Article 11. Dispute Resolution

Upon the occurrence of any dispute in relation to the Agreement or the Software, if any legal procedures are required, such as the filing of a petition for a lawsuit, the Osaka District Court shall have the exclusive jurisdiction over such dispute.

Article 12. Severability

If for any reason any portion of the provisions set forth herein is found to be invalid or unenforceable, the remainder of the Agreement shall not be affected in any way and shall be valid and enforceable to the extent permitted by law.

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