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Drive CM User Manual

Servo Configuration Tool



Safety Precautions

- Before use, please read Safety Precautions to use the product correctly.
- After reading this manual, store it in a readily accessible location for future reference.



1. About the Manual

1.1 Functions and Purpose of Drive CM Manual

This manual explains how to install Drive CM, a dedicated PC software for L7NH, L7P INDEXER and PEGASUS Drive, as well as its functions and technical support.

This manual does not explain 7NH, L7P INDEXER and PEGASUS Drive, unless it is necessary to understand Drive CM's functions. For more information on the those drives, please refer to their own manuals.

1.2 Structure of Drive CM Manual

This manual is composed of three chapters.

Below are the brief introductions of those chapters.

Chapter 1: Explains the purpose and structure of the manual and usage precautions for Drive CM

Chapter 2: Explains the system environment and installation of Drive CM

Chapter 3: Explains the structure of Drive CM

1.3 Usage Precautions for Drive CM

Please keep in mind the precautions below while using Drive CM.

- Any misuse may lead to a malfunction of the computer or servo drive, causing serious damage to the human body or equipment. Take extra caution during operation.
- For USB cable, use double shielded, Twisted Pair and EMI filter attached cable. (similar product: KU-AMB518 by SANWA)
- Do not connect or remove the cable while the drive is on or while this software is running.
- Failure to set up properly may cause a runaway or other problem, destroying the machine. Fully understand the drive and this manual before operation.
- Ensure that safety is secured around the operation area before operation.
- Please check the locations of the motor and machine before operation.
- Before starting operation, ensure that the safety functions such as POT, NOT, EMG and STO are enabled.
- Even in other cases than the position control, check the settings of the electronic gear..
- Check the position command before entering.
- Ensure that the operating space is sufficient.
- If used as a vertical axis, ensure that the system does not fall when the servo is off.

We are not responsible for any event that occurs due to user's violation of the above precautions.