



Precautions on Use

● Safety precautions

- Take care not to drop or strike this product. This could cause injury or product damage. Giving an impact to it could also cause damage to its function even if the product looks intact.
- Do not rework nor disassemble this product. This causes intrusion of foreign materials and loss of functionality. The driver may get an electric shock.
- At the time of installation, adjustment, inspection, and maintenance work of **TRX** and the related equipment connected, be sure to remove all power plugs from the outlet and prepare a lock, safety plug, etc. to make it impossible for any other persons than the operator to restore the power.
- Since a communication system is used for **SEED**, there is a risk that forced outage becomes impossible due to a failure, etc., so prepare a circuit to stop operation immediately in the case of emergency to block the power supply.
- The surface of the driver may get very hot. Confirm that the temperature has dropped sufficiently during energization and after turning the power off before performing work, etc.
- Depending on the size, hardness, and friction coefficient of the target, Robot Hand **TRX** could not grip it and then could drop, so be careful of gripping of the target.
- Do not use **TRX** in any other combinations than that with the installed driver. This causes loss of functionality.
- Read the manual carefully, understand their contents well, and observe strictly the safety precautions.

● Service environment

- The power supply voltage is DC24V. Use a noise filter to prevent influences of noises.
- The ground line shall not be grounded in common with the strong electricity system.
- At the time of wiring, be careful enough of the radiation noises from other devices.
- Please use **TRX** only in the following places because bad environments may cause failures.
Indoor, ambient temperature between 0 and 40°C, ambient humidity 90%RH or less (without freezing nor condensation)
Place without corrosive gas nor combustible gas
Place where dielectric powders such as iron powders, dust, oil mist, cutting fluid, water, salt, and organic solvent do not scatter
Place where there is no device which causes strong noises
Place not exposed to direct sunlight nor radiant heat
Place where intense electric field nor ferromagnetic field occurs
Place where shock and vibration are not transmitted to the body.
Place where inspection and cleaning are easy
- Read the manual carefully, understand the contents well, and strictly observe the installation/operation environment.

● Storage

- When storing the unit, enclose it in a package designated by THK and store it in a horizontal orientation in a place with power off and without condensation while avoiding high temperature, low temperature and high humidity.

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THK CO., LTD.

Head Office 3-1-1-6 Nishigotanda, Shinagawa-ku, Tokyo 141-8503 JAPAN

International Sales Department Phone:+81-3-5434-0351 Fax:+81-3-5434-0353

Global site : <http://www.thk.com/>

NORTH AMERICA

- THK America, Inc.
● HEADQUARTERS
 Phone:+1-847-310-1111 Fax:+1-847-310-1271
● CHICAGO OFFICE
 Phone:+1-847-310-1111 Fax:+1-847-310-1182
● NORTH EAST OFFICE
 Phone:+1-631-244-1565 Fax:+1-631-244-1565
● ATLANTA OFFICE
 Phone:+1-770-840-7990 Fax:+1-770-840-7897
● LOS ANGELES OFFICE
 Phone:+1-949-955-3145 Fax:+1-949-955-3149
● SAN FRANCISCO OFFICE
 Phone:+1-925-455-8948 Fax:+1-925-455-8965
● DETROIT OFFICE
 Phone:+1-248-858-9330 Fax:+1-248-858-9455
● TORONTO OFFICE
 Phone:+1-905-820-7800 Fax:+1-905-820-7811

SOUTH AMERICA

THK BRAZIL INDUSTRIA E COMERCIO LTDA.
 Phone:+55-11-3767-0100 Fax:+55-11-3767-0101

EUROPE

- THK GmbH
● EUROPEAN HEADQUARTERS
 Phone:+49-2102-7425-555 Fax:+49-2102-7425-556
● DÜSSELDORF OFFICE
 Phone:+49-2102-7425-0 Fax:+49-2102-7425-299
● STUTTGART OFFICE
 Phone:+49-7141-4988-500 Fax:+49-7141-4988-888
● U.K. OFFICE
 Phone:+44-1384-47-1550 Fax:+44-1384-47-1551
● ITALY OFFICE
 Phone:+39-02-9901-1801 Fax:+39-02-9901-1881

● SWEDEN OFFICE

- Phone:+46-8-445-7630 Fax:+46-8-445-7639
● AUSTRIA OFFICE
 Phone:+43-7229-51400 Fax:+43-7229-51400-79
● SPAIN OFFICE
 Phone:+34-93-652-5740 Fax:+34-93-652-5746
● TURKEY OFFICE
 Phone:+90-216-362-4050 Fax:+90-216-569-7150
● PRAGUE OFFICE
 Phone:+420-2-41025-100 Fax:+420-2-41025-199
● MOSCOW OFFICE
 Phone:+7-495-649-80-47 Fax:+7-495-649-80-44
 THK Europe B.V.
● EINDHOVEN OFFICE
 Phone:+31-040-290-9500 Fax:+31-040-290-9599
 THK France S.A.S.
● PARIS OFFICE
 Phone:+33-1-7425-3800 Fax:+33-1-7425-3799

CHINA

- THK (CHINA) CO., LTD.
● HEADQUARTERS
 Phone:+86-411-8733-7111 Fax:+86-411-8733-7000
● SHANGHAI OFFICE
 Phone:+86-21-6219-3000 Fax:+86-21-6219-9890
● BEIJING OFFICE
 Phone:+86-10-8441-7277 Fax:+86-10-6590-3557
● CHENGDU OFFICE
 Phone:+86-28-8526-8025 Fax:+86-28-8525-6357
● GUANGZHOU OFFICE
 Phone:+86-20-8523-8418 Fax:+86-20-3801-0456
● SHENZHEN OFFICE
 Phone:+86-755-2642-9587 Fax:+86-755-2642-9604

● XIAN OFFICE

Phone:+86-29-8834-1712 Fax:+86-29-8834-1710
 THK (SHANGHAI) CO., LTD.
 Phone:+86-21-6275-5280 Fax:+86-21-6219-9890

TAIWAN

- THK TAIWAN CO., LTD.
● TAIPEI HEAD OFFICE
 Phone:+886-2-2888-3818 Fax:+886-2-2888-3819
● TAICHUNG OFFICE
 Phone:+886-4-2359-1505 Fax:+886-4-2359-1506
● TAINAN OFFICE
 Phone:+886-6-289-7668 Fax:+886-6-289-7669

KOREA

SEOUL REPRESENTATIVE OFFICE
 Phone:+82-2-3468-4351 Fax:+82-2-3468-4353

SINGAPORE

THK LM System Pte. Ltd.
 Phone:+65-6884-5500 Fax:+65-6884-5550

THAILAND

THK RHYTHM (THAILAND) CO., LTD. LM System Division
● Bangkok Branch
 Phone:+66-2751-3001 Fax:+66-2751-3003

INDIA

- THK India Pvt. Ltd.
● HEADQUARTERS & Bangalore Branch
 Phone:+91-80-2340-9934 Fax:+91-80-2340-9937
● Pune Branch
 Phone:+91-20-4120-8742
● Chennai Branch
 Phone:+91-44-4042-3132
● Ahmedabad Branch
 Phone:+91-79-6134-4925
● Delhi Branch
 Phone:+91-12-4676-8695