



## USER MANUAL



# Teaching Pendant EZT1

## Before Using the Product

### Notes to the User

- This product must be handled by qualified personnel with expert knowledge of electrical and mechanical engineering.
- Should you require the inspection or repair of internal parts, please contact the Oriental Motor branch or sales office from which you purchased the product.
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### Overview of the Product

The **EZT1** teaching pendant is used to set and monitor operation data for the controller.

This manual serves as a user's guide for the **EZT1** teaching pendant. Operating any slider, cylinder or motor requires the creation of operation data via a teaching pendant.

For details, see the user manual for the controller to be used in combination with the product, as well as the manual for data setting, and follow the instructions provided in those manuals.

### Compliance with the EC Directives

A CE marking is affixed to the teaching pendant.

The installation conditions needed to satisfy the EC directives shall be as described in the user manual for the controller to be used in combination with the product.

### Safety Precautions

For details, see the user manual for the controller to be used in combination with the product and follow the instructions provided in those manuals.

Thank you for purchasing an Oriental Motor product. Always keep the manual where it is readily available.

## Receipt, Storage and Disposal of the Product

The customer should inspect the exterior of the equipment before accepting the product.

Check the delivered product by verifying it against the specification on the order sheet. If the product is damaged, please contact the Oriental Motor branch or sales office from which you purchased the product.

### Packing list

- Teaching pendant 1 unit
- Teaching pendant user manual 1 copy

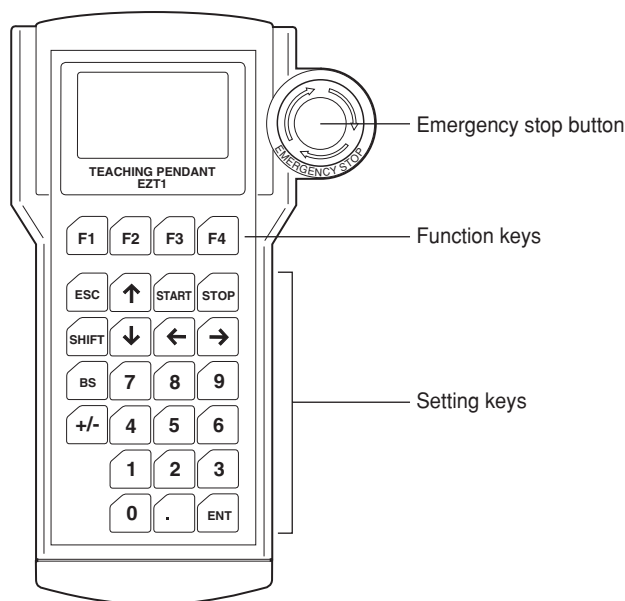
Leave the product in the packing carton until immediately before installation. If the product is not to be used for an extended period of time, store it in a place that satisfied the following conditions:

- A clean place not subject to excessive humidity or salt
- A place away from direct sunlight
- An ambient temperature of 0°C to +50°C (+32°F to +122°F) (non-freezing)
- A relative humidity of 85% or below (noncondensing)
- A place not exposed to corrosive gases
- A place not subject to continuous vibration

When disposing of the product, treat it as industrial waste. Engage a certified waste-disposal service to carry out the disposal.

## Names and Functions of Parts in the Teaching Pendant

### Key Layout



The teaching pendant has 22 setting keys and four function keys. The functions assigned to the function keys vary according to the screen.

## ■ Function Keys

The functions assigned to the function keys are listed in the fourth line of the display screen (four lines x 17 characters).

The function keys are used to change screens, as well as to delete/select data or values displayed.

<b>F1</b>	: Used to change the operation mode
<b>F2</b> to <b>F4</b>	: Used to change to the screen subordinate to the screen currently displayed, delete data and select setting values other than numerical values

## ■ Setting Keys

<b>ESC</b>	: Escape key, used to change to the screen subordinate to the screen currently displayed
<b>START</b>	: Used to start positioning
<b>STOP</b>	: Used to stop positioning and return-to-home operation
<b>SHIFT</b>	: Used to reset entered numerical values such as data number, speed and position, to 0. Used to switch the operating speed to high-speed during remote teaching and manual operation.
<b>↑</b> and <b>↓</b>	: Used to move to the next setting item. Used to increase/decrease the number of tens during selecting data number for positioning operation
<b>←</b> and <b>→</b>	: Used to select setting values other than numerical values. Used to increase/decrease the number of units when selecting data number for positioning operation. Used to start manual operation
<b>BS</b>	: Backspace key, used to remove one digit of a numerical value entered for data number, speed or position
<b>+/-</b>	: Used to enter the sign of a numerical value
<b>0</b> to <b>9</b>	: Used to enter numerical values
<b>.</b>	: Used to enter a decimal point when entering a numerical value
<b>ENT</b>	: Enter key, used to commit a numerical value entered and change to the next screen display

## ■ Emergency Stop Button

The emergency stop button has been selected according to the requirements of EN 954-1, category 1.

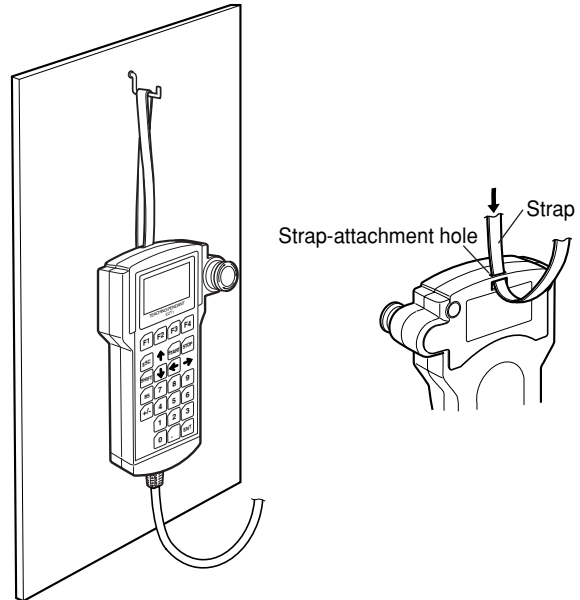
In order to recover from an emergency stop, first cancel the alarm status of the controller and then turn the emergency stop button clockwise. Before resetting the emergency stop button, be sure that doing so will not jeopardize operator safety.

## Connection

The method for connecting the teaching pendant to a controller shall be as described in the user manual for the controller to be used in combination with the product.

### ■ Precautions when Connecting the Teaching Pendant

If you want to install the teaching pendant near the controller, you can install a strap (not included) through the strap-attachment hole provided and hang it on a hook or similar object. However, when the machine is to be moved, be sure to remove the teaching pendant.



• Please contact your nearest ORIENTAL MOTOR office for further information.

**ORIENTAL MOTOR U.S.A. CORP.**  
Technical Support Line Tel:(800)468-3982  
Available from 7:30 AM to 5:00 PM, P.S.T.  
E-mail:techsupport@orientalmotor.com  
www.orientalmotor.com

**ORIENTAL MOTOR (EUROPA) GmbH**  
Headquarters and Düsseldorf Office Tel:0211-5206700 Fax:0211-52067099  
Munich Office Tel:08131-59880 Fax:08131-598888  
Hamburg Office Tel:040-76910443 Fax:040-76910445

**ORIENTAL MOTOR (UK) LTD.** Tel:01256-347090 Fax:01256-347099  
**ORIENTAL MOTOR (FRANCE) SARL** Tel:01 47 86 97 50 Fax:01 47 82 45 16

**ORIENTAL MOTOR ITALIA s.r.l.** Tel:02-93906346 Fax:02-93906348  
**TAIWAN ORIENTAL MOTOR CO., LTD.** Tel:(02)8228-0707 Fax:(02)8228-0708

**SINGAPORE ORIENTAL MOTOR PTE. LTD.**  
Tel:(6745)7344 Fax:(6745)9405

**ORIENTAL MOTOR (MALAYSIA) SDN. BHD.**  
Tel:(03)79545778 Fax:(03)79541528

**INA ORIENTAL MOTOR CO., LTD.**  
KOREA  
Tel:(032)822-2042~3 Fax:(032)819-8745

**ORIENTAL MOTOR CO., LTD.**  
Headquarters Tokyo, Japan  
Tel:(03)3835-0684 Fax:(03)3835-1890