

*ECR Interface Scale*

# ***PD-1***

**OWNER'S MANUAL**



9002-PD0-0033-2

2004. 5


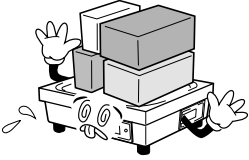

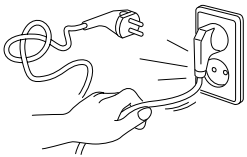
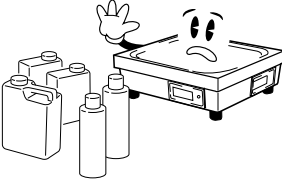
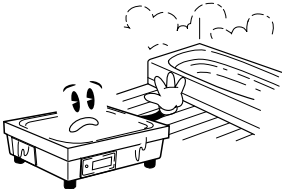
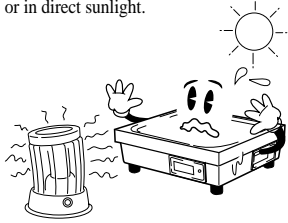
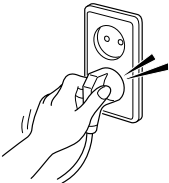


## CONTENTS

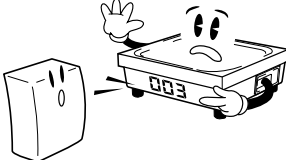
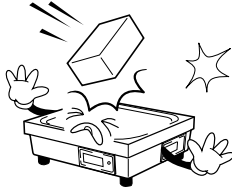
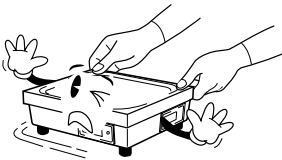



PRECAUTIONS .....	4
PREFACE .....	6
NAMES AND FUNCTIONS .....	6
INSTALLATIONS .....	7
OPERATIONS .....	8
ERROR MESSAGE .....	9
SPECIFICATIONS .....	9

## PRECAUTIONS

To ensure that you get the most from your scale, please follow these instruction.

Warning		
<p>Do not disassemble the scale. When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.</p> 	<p>Do not overload beyond the maximum weight limit.</p> 	<p>Scale must be grounded to minimize electricity static. This will minimize defect or electric shock.</p> 
<p>Do not pull the plug by its cord when unplugging. Damaged cord could cause electric shock or fire.</p> 	<p>To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.</p> 	<p>To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.</p> 
<p>Avoid placing the scale near heater or in direct sunlight.</p> 	<p>Insert plug firmly to wall outlet to prevent electric shock.</p> 	

Make sure to plug your scale into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

Attention		
<p>For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.</p> 	<p>Avoid sudden shock to the scale. Internal mechanism could be damaged.</p> 	<p>Grab on the bottom of the scale when moving. Do not hold by the platter.</p> 
<p>Place the scale on firm and temperature consistent environment.</p> 	<p>If the scale is not properly level, please adjust the 4 legs at the bottom of the scale (turn legs clockwise or counterclockwise) so as to center the bubble of the leveling gauge inside the indicated circle.</p> 	
<p>Keep the scale away from other electromagnetic generating devices. This may interfere with accurate reading.</p> 		

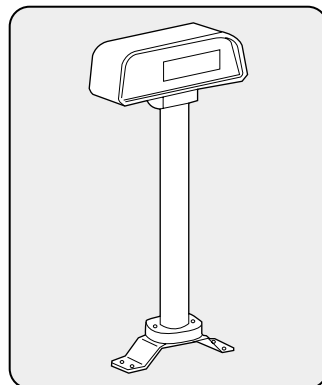
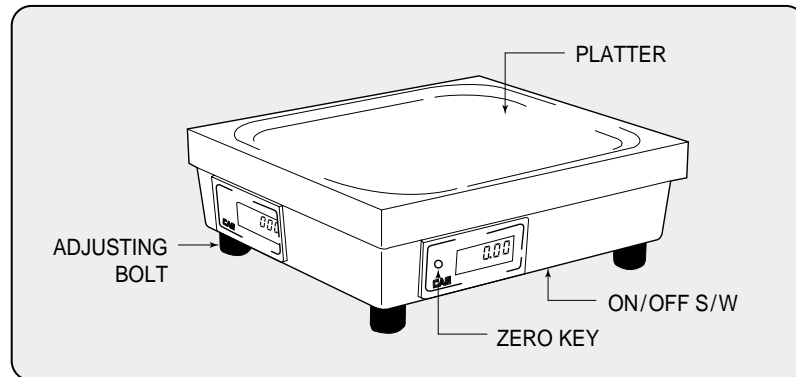
NOTICE : The socket-outlet shall be installed near the equipment and shall be easily accessible

## PREFACE

Thank you for purchasing our CAS PD-1 Series. These series have been designed for ECR (Electronic Cash Register) interface. Your specialty departments can enjoy these high quality reliable CAS products. We believe that your needs will be satisfied and you will have proper reliability. This manual will help you with proper operation and care of the PD-1 Series. Please keep it handy for future reference.

## NAMES AND FUNCTIONS


### OVERALL VIEW



### OPTION

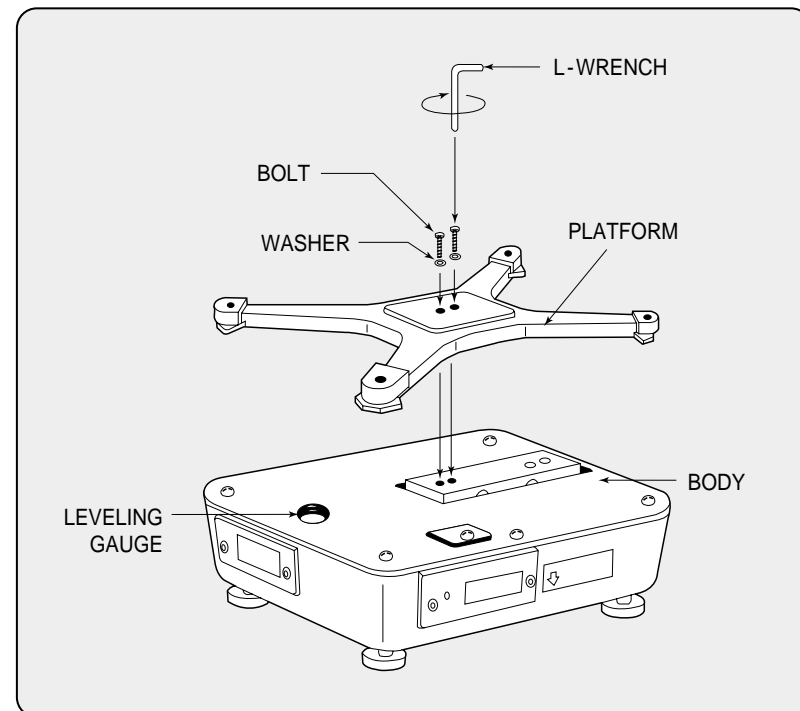
- Remote Display

### KEY FUNCTIONS

KEYS	FUNCTIONS
	Used to correct the zero point.

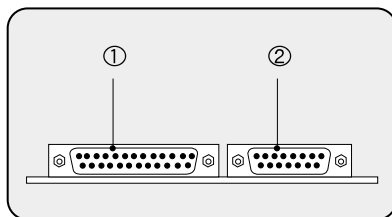
## INSTALLATIONS

- Place a platform on the load cell and fasten with bolts.
- Place a platter on the platform.



## ECR and Remote Display (option) Connection

- Disconnect the scale from AC power.
- Turn over the scale.
- Remove the code plate from the bottom of the scale.
- Connect the interface cable to the ECR interface connector.
- Connect the cable of remote display to the scale.



- ① ECR Interface Connector (25 Pin D-SUB)
- ② Remote Display Connector (15 Pin D-SUB)

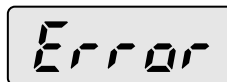
## OPERATIONS

- Turn on the display by pressing  $\frac{\text{ON}}{\text{OFF}}$  switch.
- When the display is not zero though there is nothing on the platter, press the ZERO key.

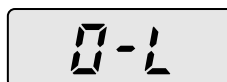
## Weighing & Interface

- Place the commodity on the platter.
- Check the weight of commodity on the weight display.
- Press the SCALE key on the ECR.

## ERROR MESSAGE



- Error of an initial zero range.  
Make the platter empty.

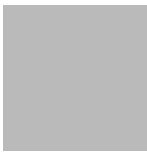


- This is an overload.  
Refer to SPECIFICATIONS.

## SPECIFICATIONS

MODEL	PD - 1	
CAPACITY	30 lb × 0.01 lb / 15 kg × 5 g	60 lb × 0.02 lb / 30 kg × 10 g
MEASUREMENT TYPE	Load Cell	
DISPLAY	LED (5 digit)	
TEMPERATURE RANGE	-10°C ~ +40°C (14°F ~ 104°F)	
POWER SOURCE	Refer to Spec plate	
POWER CONSUMPTION	APPROX. 6 W	
PRODUCT SIZE (mm / inch)	360(W) × 325(D) × 120(H) / 14.2(W) × 12.8(D) × 4.7(H)	
PRODUCT WEIGHT	8.5 kg	
AVAILABLE INTERFACE DEVICE (ECR)	SANYO, CASIO, ESPER, SHARP, TEC, OMRON, NCR, IBM compatible PC using RS 232C	

- ▶ Notice: Specifications are subject to change for improvement without notice.



**MEMO**

