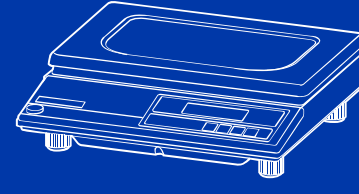
RETAIL WEIGHING SOLUTION™

ADN SERIES

Smart Weighing Scale



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OWNER'S MANUAL

CAS

Thank you for your purchase.

For the proper using & maintaining the scale please read this instruction completely before operating.

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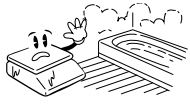
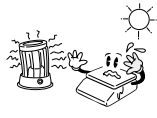
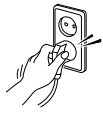
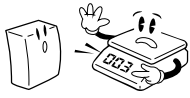
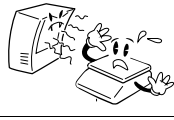
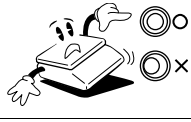
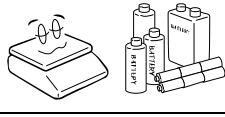
PRECAUTIONS

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

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

Attention 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.

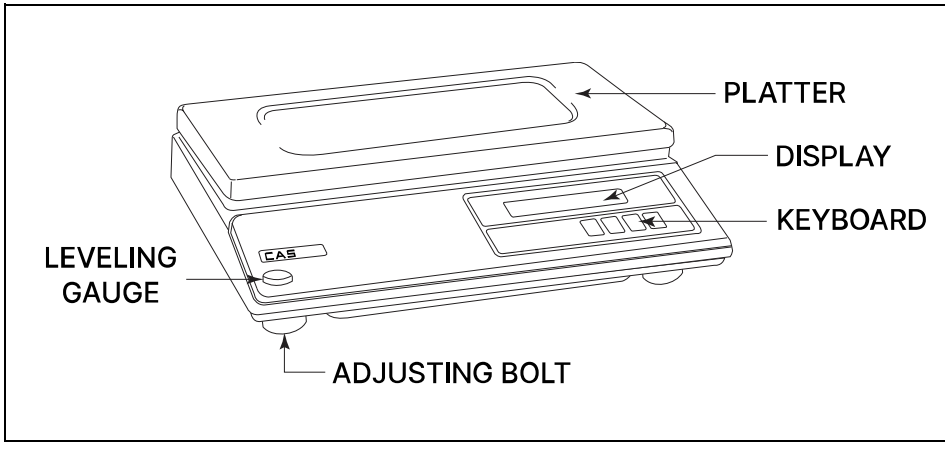
	For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.
	Avoid sudden shock to the scale.
	Grab on the bottom of the scale when moving.
	Keep the scale away from other electromagnetic enerating devices. This may interfere with accurate reading.
	Place the scale on firm and temperature consistent environment.
	By adjusting 4 comers of the scale, set the scale even using the built in scale leveling indicator.
	Take the battery out when scale is not in use for long time. Leakage from the batteries is hazardous.

PREFACE

Thank you for purchasing CAS ADN Series.
These series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your special 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 ADN Series.
Please keep it handy for future reference.

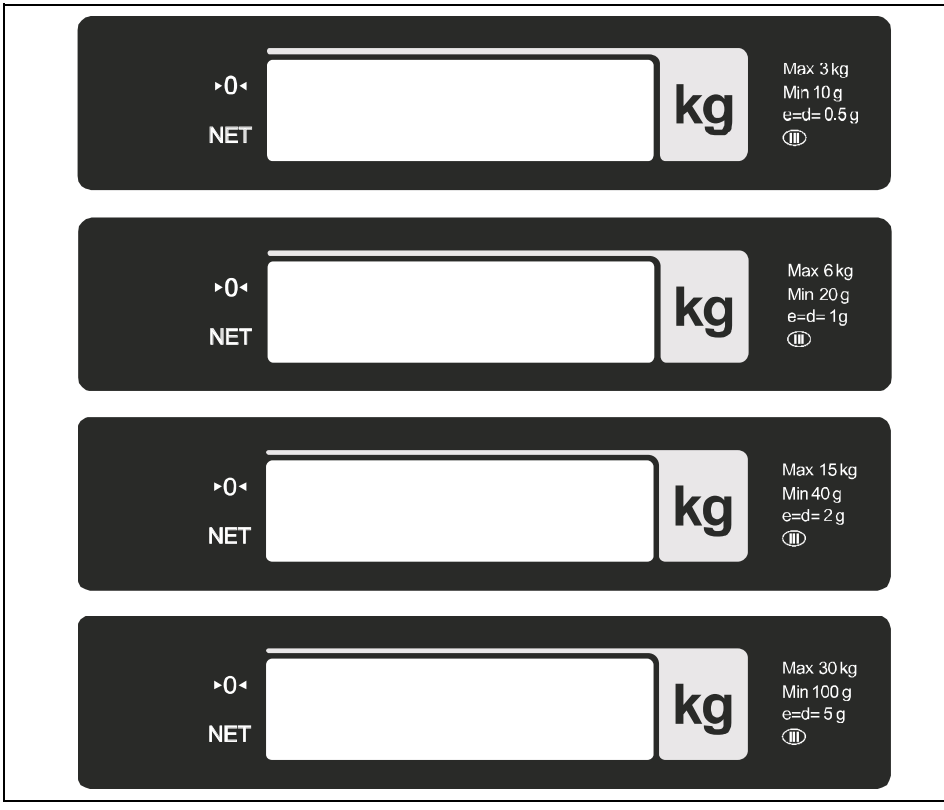
NAMES AND FUNCTIONS

OVERALL VIEW

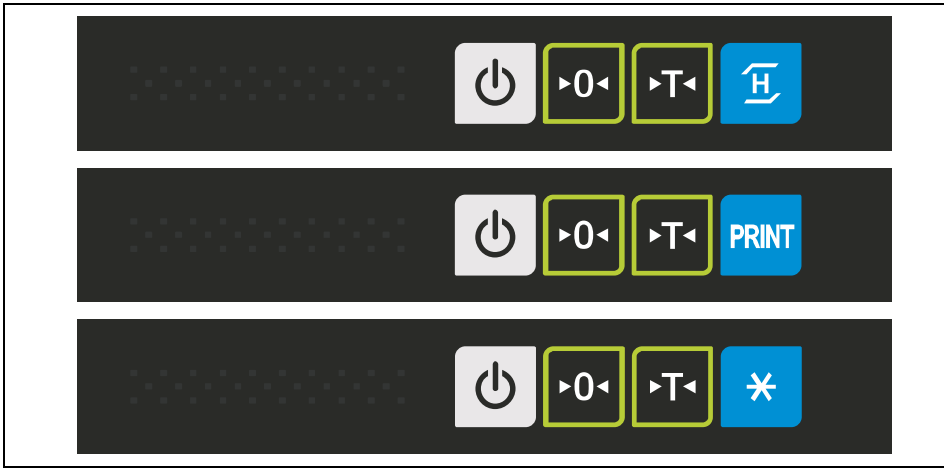


DISPLAY & KEYBOARD

- **DISPLAY (3, 6, 15, 30)**



• KEYBOARD



• KEY FUNCTIONS

KEYS	FUNCTIONS
⏻	Turns the display ON or OFF.
▸0◂	Used to correct the ZERO point.
▸T◂	Used to enter a TARE weight. Used to remove a TARE weight.
H	When the weight is not stable, display will show the average weight for 4 seconds. – Hold version.
PRINT	PRINT FUNCTION (OPTION) – Print version
✳	It's not a function Key unless it's set as Print function Key.

OPERATIONS

● Please plug the adapter into the power socket.

Then the display will show all the segments and count up “0” to “9”.

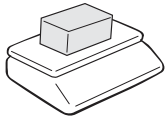
When you turn on the display, make sure that platter is empty.

● The display indicates if the scale is at zero or if there is a tare entered into the scale by way of a ▸0◂ and NET lamps.

● When the display is not zero though there is nothing on the platter, press the ▸0◂ Key.

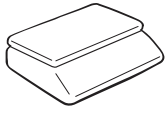
1. General Weighing

● Wait until display should be zero.





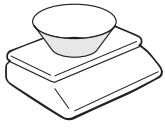
① Place a commodity on the platter.

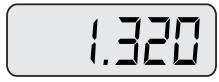




② Remove the commodity from the platter.

2. Weighing with Tare



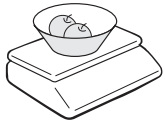


① Place a container on the platter.



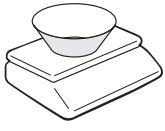


② Press the ▸T◂ Key.



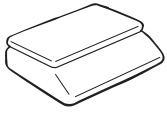


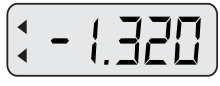
③ Place the commodity on the container.





④ Remove the commodity from the platt er.





⑤ Remove the container from the platt er.





⑤ Press the ▸T◂ Key.

3. Hold Function

● Hold version





① Place an item on the platter and then press the H Key.

② “HOLD” is shown on the display.



③ Average weight is shown on the display.

After average weight display 3 time, hold function will be release automatically.

● Auto Hold function





① After weighing item remove all of the container from the platter, press H Key.





② Use ▸T◂ Key to select one of Auto Hold function.





③ Press H Key to save and exit to Normal Mode.



④ Place an item on the platt er.
Then weight display will show “HOLD”.
The “HOLD” blinks for two times, and then the average weight blinks continuously.

⑤ After remove the item of the platt er, place another item on the platt er.
Then display will show average weight again.
If you don’t want use auto-hold function, remove the item and press HOLD Key.
Display shows AH_on. Press TARE Key. İt will be changed AH off.
Then press HOLD Key. Auto-hold function will not operate

4. User' s Set-up Mode

This section explains how to set up the following functions.

Functions	Options	Remarks
a. Printer selection	Pr off / Pr DEP / Pr DLP	Print version
b. LED Brightness function	1 ~ 4	Default 1

a. Printer selection



① While pressing the PRINT Key, press the POWER Key. The display shows “U SEt”.





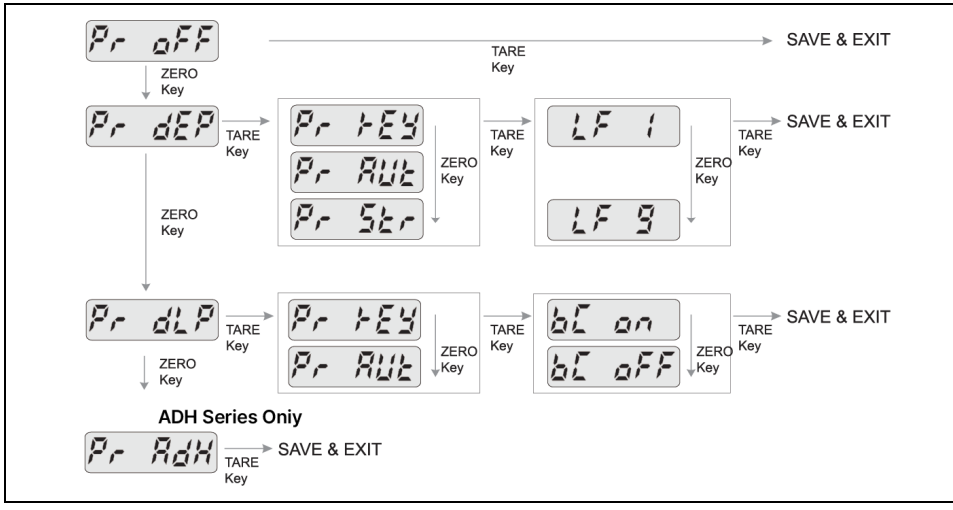
② Press the ▸T◂ Key, the display shows “Pr off”. (If the setting value already exist in the scale, then it would display as the setting.)

③ Operation in Setting mode is as follows:

Press the ▸0◂ key to select a menu. Then, press the ▸T◂ key to save the selected value and proceed to the next step.

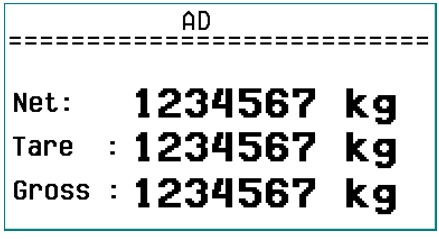
PRINTER MENU DESCRIPTIONS

MENU	DISPLAY	DESCRIPTIONS
Printer	Pr oFF	Do not use printer.
	Pr DLP	DLP50 printer interface. (Label)
	Pr DEP	DEP50 printer interface. (Ticket)
	Pr ADH	ADH print Form (ADH Series Only)
Printer method	Pr Key	Manual print. (DLP, DEP)
	Pr AUt	Auto print when the scale is stable. (DLP, DEP)
	Pr Str	Ptint continually when the scale is stable. (DEP)
Barcode (DLP only)	BC on/off	Print out barcode on/off.
Linefeed (DEP only)	LF1~LF9	Linefeed

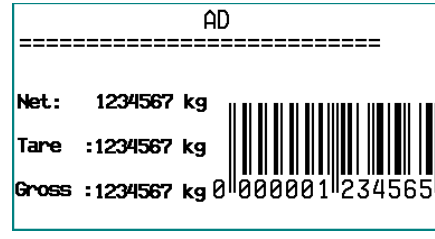


Sample Format (DLP-50)

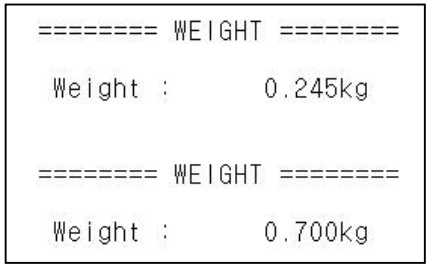
1. Weight + Tare



2. Weight + Tare + Barcode



Sample Format (DEP-50)



b. LED Brightness function





① Press the ▸T◂ key to move to the LED brightness setting step.





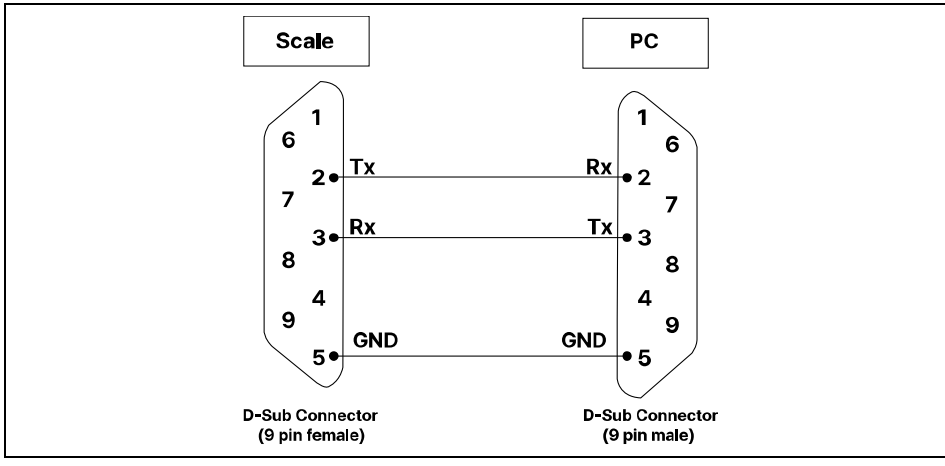
② Press the ▸0◂ Key to select the LED brightness level.

5. Communication (RS-232, USB-B type, Bluetooth)

1) Serial(RS-232) Interface (option)

Connect the device to the printer using a dedicated cable.

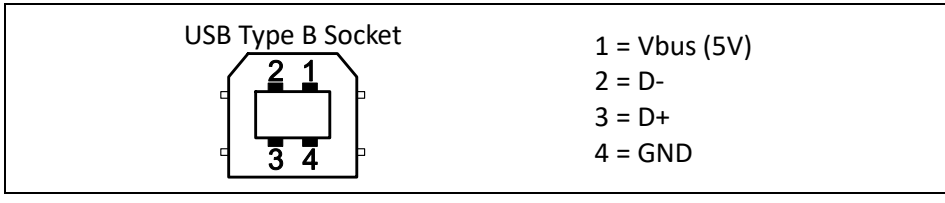
● How to connect an RS-232 port



→ 8-BIT ASCII code
→ None parity
→ 1 stop bit
→ baud rate 9600

2) USB B type Interface (option)

● How to connect a USB



3) Bluetooth (option)

Turn on your phone's Bluetooth function and connect with the scale's Bluetooth.

ERROR MESSAGES

To help the customer's understanding, this scale warns the Error messages properly. Please refer to Error table.

Error Message on Display	Description	Solution
Err 0	The "Err 0" occurs when scale is not stable.	Remove unstable facts.
Err 1	The "Err 1" occurs when a current zero point has shifted from the last span calibration.	Please call your CAS dealer.
Err 3	The "Err 3" is an overload Error.	Please remove the weight.

SPECIFICATIONS

MODEL	ADN-3	ADN-6	ADN-15	ADN-30
CAPACITY	3kg	6kg	15kg	30kg
e	0.5g	1g	2g	5g
EXTEMAL RESOLUTION	1/6,000	1/6,000	1/7,500	1/6,000
MAX TARE	-3kg	-6kg	-15kg	-30kg
DISPLAY	LED, 6 DIGIT			
DISPLAY DESIGNATORS	▸0◂, NET			
TEMPERATURE RANGE	- 10 °C ~ + 40 ° C			
POWER SOURCE	9V/1.3A Adaptor			
POWER CONSUMPTION	APPROX. 1.5W			
PLATTER SIZE(mm)	340(W) x 215(D)			
PRODUCT SIZE(mm)	350(W) x 325(D) x 105(H)			
PRODUCT WEIGHT	4.7 kg			

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

MEMO

MEMO

ADN

ADN SERIES

Smart Weighing Scale

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