GLOBAL™ INDUSTRIAL
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User Manual	Manual de Usuario	Manuel de l'Utilisateur
Customer Service US: 1-800-645-2986	Servicio de atención al Cliente US: 1-800-645-2986	Service à la clientèle Canada: 888-645-2986

Model 242433/242434

PRODUCT DESCRIPTION

48” x 48”
Pallet Scale
USER’S GUIDE

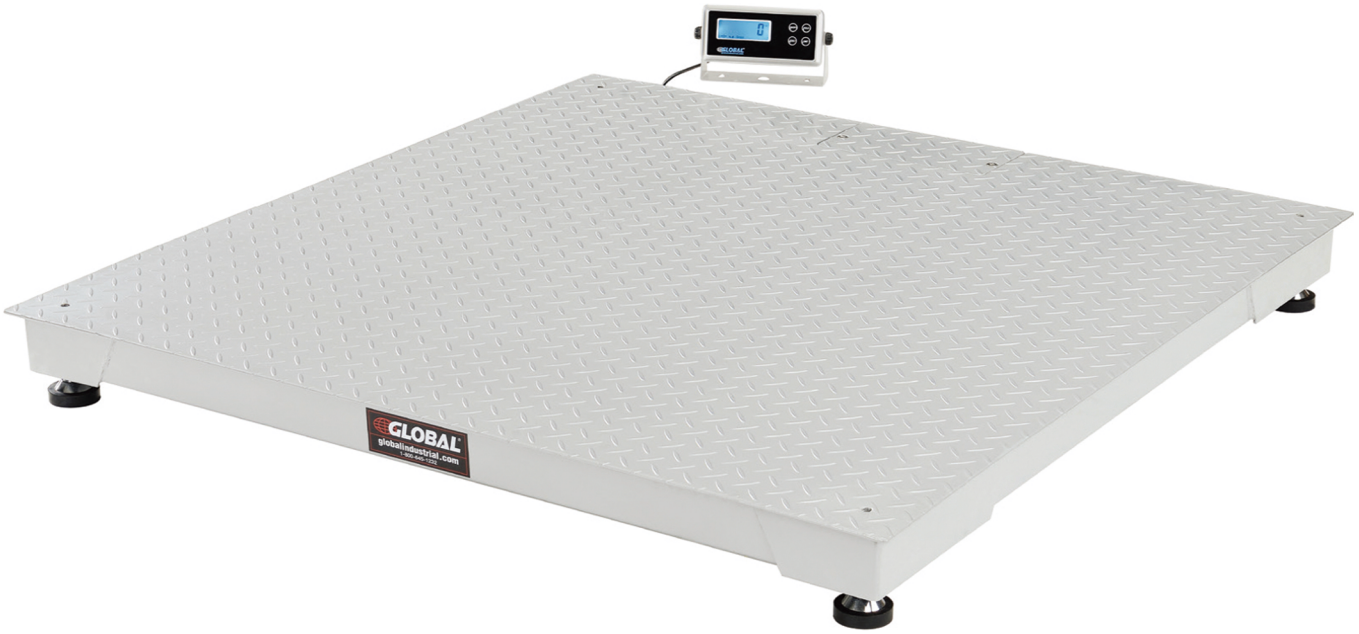


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Read this manual carefully before operation

IT IS THE RESPONSIBILITY OF THE INSTALLER/USER TO COMPLETELY READ AND UNDERSTAND ALL INSTRUCTIONS AND SAFETY INFORMATION BEFORE INSTALLING/ USING THIS PRODUCT. FOLLOWING THESE INSTRUCTIONS WILL ENSURE PROPER FUNCTION AND SAFETY.

⚠WARNING

- Do not overload. Maximum capacity:
  Model No. 242433 - 5,000 lb. (3,000 kg.)
  Model No. 242434 – 10,000lb. (5,000 kg.)
- 2 people are required to move platform.
- Use only on leveled floors.
- For indoor use only. Use only in dry locations.
- Avoid vibrations, direct sunlight, big temperature changes and areas with big air flow.
- Do not jump on top of the unit or drop the load over the platform.
- Clean this product regularly to maintain the lifespan. Do not use chemicals or abrasives.
- Use only Global Industrial Optional Ramp for this product.
- Leg anchor plates must be used to lock platform glides when ramp is used.
- Anchor ramp to floor when used.
- Do not overload accessory ramp. Maximum capacity 10,000lbs
- Do not open display. No user replaceable parts inside. Risk of electric shock.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authorization to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

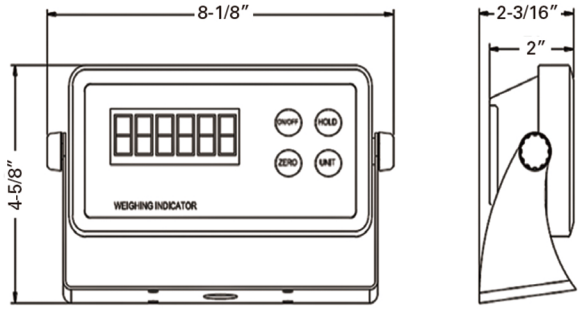
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Product Description

I Main Specifications

Capacity	Model No. 242433 – 5,000 lb. (3,000 kg.) Model No. 242434 – 10,000 lb. (5,000 kg.)
Platform	Low Profile Textured Non Skid Steel
Color	Gray
Platform Size	48”L x 48”W x 4”H
Display Indicator Cable	16’L
Power Adapter Cord	5’L
RS-232 Cable	9’-10”L
Feet	Adjustable Height Non Skid Feet
Connectivity	RS-232 Serial Port
Power Source	AC Power (DC 6V Adaptor Included) Or 3 AAA batteries
Indicator	ABS – Wall Mountable
Display	6 Digits (20mm High) LCD Display With Backlight
Readability	1 lb.
Accuracy Class	OIML
Tare Range	2%~100% Max. Capacity
Initial Zero Range	±10% Max. Capacity
Manually Zero Range	±2% Max. Capacity
Operation Temperature/Humidity	-10~+40°C ; ≤90%RH
Storage Temperature	-40~+70°C
Features	Low Power Consumption; Low Battery Detection And Warning; Automatic Power Off Function; Hold Function; Zero/tare Function

Overall Dimension



II Components



Platform Scale

Display Indicator



Height Adjustable Platform Glides



RS-232 Serial Communication Cable

Display Indicator Cable



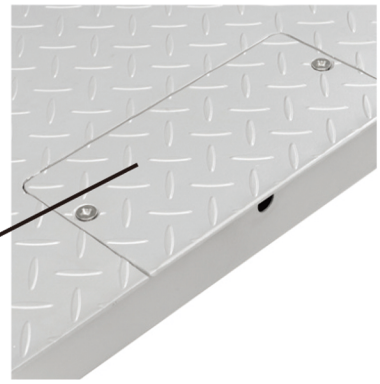


Power Adapter

III INSTALLATION

1. Open the compartment lid marked “components enclosed” located on the edge of the platform with a Philips screw driver (not included). Remove the component boxes from the compartment.

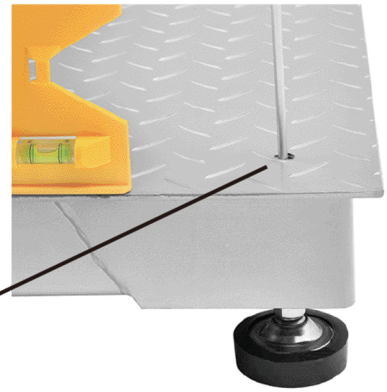




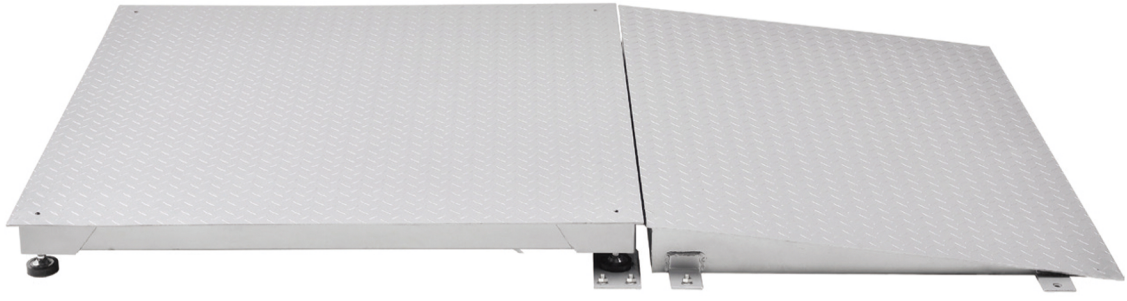
2. Lift one side of the Platform Scale (at least two people are required); then, insert the 4 glides provided in each threaded hole at the bottom of each corner.



3. Place the Platform Scale at the desired location (room corners are recommended to prevent people from tripping). Adjust feet height with a flat screw driver to ensure the platform is leveled (see picture). Once the Platform Scale is leveled, tighten the nut on each foot glide.



4. If optional ramp (Model No. 236466) is used, anchor the ramp to the floor using the 4 holes at the ramp sides (hardware not included). Use leg anchor plates (included with ramp) to lock the platform glides. Make sure the gap between Ramp and Platform Scale is approximately 3/16”.



Optional Ramp
Model No. 236466

Product Description

5. Fix the Display Indicator Cable on the platform wall cut out. Consider the distance to the Display Indicatior location and that the cable doesn't interfere with the path for people or machinery before fixing the strain relief. Then, put compartment lid back and re-tighten screws.





6. Remove Display Indicator from its box; and mount it in desired location.



7. Connect the Display Indicator Cable from the platform to the connector of the Display Indicator.

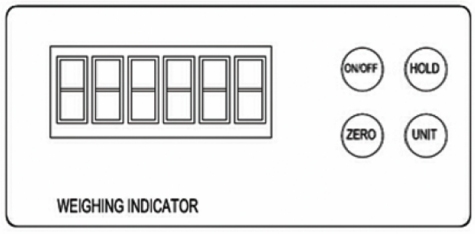
8. Plug the Power Adapter into a 115V (60Hz) outlet and plug the other end of cord to the back of Display Indicator.

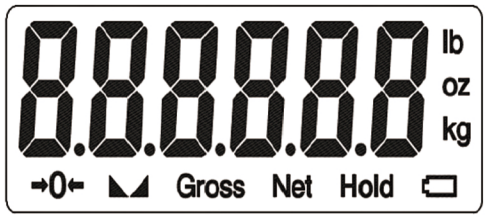


9. If serial communication with another device (not included) is desired, use the RS-232 Serial Cable to connect the Display Indicator to the device.



IV OPERATION





Display	Instruction
→0←	Weigth is zero
	The weighing data is stable
Gross	Gross weight
Net	Net weight
Hold	Hold data
	Low battery
kg	Unit: kg
lb	Unit: lb
oz	Unit: oz

Power ON

Press “ON/OFF” button for 1 second to power indicator on. The unit will automatically perform a self-inspection before showing “0” on the indicator display.

Power OFF

Press “ON/OFF” button for 1 second to power indicator off. See “Parameter Settings” to activate auto power off mode.

Zero/Tare



When weighing exceeds > 2% max. capacity and is stable, press ZERO to enter into Net weight mode, net weight mode will use 0 as base, calculate this weight as tare.

When weighing is ≤ 2% max. capacity and is stable, press ZERO to enter into Gross mode, gross weight mode will use 0 as base, treat this weight as tare.

To tare a load on the platform (e.g. the weight of a container):

1 . Place the load on the platform.

2 . Press the button marked “ZERO” one time. The display will show “0” and unit will be ready for use. To zero out, remove the weight and press “ZERO” again.

Hold



While in “data hold” mode (factory default), put the load on the platform and when weight is stable press “HOLD” button to keep the current weigh, and press “HOLD” again to release the hold function.

The indicator is preset from the factory in “data hold” mode. Please see “Parameter Settings” to select a different mode and/or activate hold time.

While in “peak hold” mode, press “HOLD” button to keep the peak weight when the platform is loaded (it shows the highest value), then press HOLD again to release hold function.

While in “auto hold” mode, the indicator automatically keeps the weight of the load when it gets stable. Press “HOLD” button to release the hold function.

Unit (lb/oz/kg)

To change the unit of the displayed weight, press “UNIT” button. “lb”, “oz” or “kg” will appear on the right side of the display which will show if the unit of the value shown is in lb, oz or in kg.

The indicator is preset from the factory in “kg/lb/oz” mode. Please see “Parameter Settings” to select a different mode.

V PARAMETER SETTINGS

1. Press “HOLD” and “UNIT” buttons to enter into user parameter setting.
2. Press “UNIT” button to change parameter.
3. Press “HOLD” to confirm parameter

(Factory default settings are highlighted.)

FUNCTION	FACTORY DEFAULT	PARAMETER INSTRUCTION/OPTIONS
Auto power off	OFF (0)	= 0 close auto power off =10 10minutes auto power off =30 30 minutes auto power off =60 60 minutes auto power off =90 90 minutes auto power off
Back light mode	BL (1)	=0 close back light =1 auto Back light (15 second) =2 stay Back light
Units switch function	UnS (3)	=0 close units switch function =1 kg/lb =2 lb/oz =3 kg/lb/oz
Hold function	Hold (2)	=0 close hold function =1 peak hold =2 data hold =3 auto hold
Hold time	Ht (0)	=0 no time limit (manual release by pressing “HOLD” again) =1 15 seconds =2 30 seconds =3 45 seconds =4 1 minute =5 no time limit (automatic release after removing the load from the platform scale)
Communication mode	trn (1)	=0 close serial communication =1 continuous send mode =2 manual send mode =3 command mode
Baud rate	baud (1)	=1 9600bit/s =2 4800bit/s =3 2400bit/s =4 1200bit/s =5 600bit/s

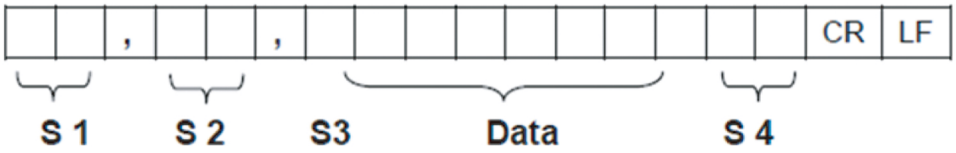
RS-232 SERIAL PORT COMMUNICATION

Option 1: While in "Continuous send" mode, the indicator continuously sends data to the connected device.

Option 2: While in "Manual send" mode, press "UNIT" button for 1 second to send the data to the connected device.

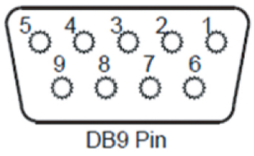
Option 3: While in "Command send" mode, send ASCII R or hexadecimal 52 from the data receiver to the indicator.

Communication format: ASCII code



S1: weight status, ST= standstill, US= not standstill, OL= overload
S2: weight mode, GS=gross mode, NT=net mode
S3: weight of positive and negative, "+" or " –"
S4: Uint: "kg" or "lb"
Data: weight value, including decimal point
CR: Carriage return
LF: Line feed

Communication interface: RS232: Communication interface via DB9 Pin.



DB9 Pin

DB9	Definition	Function Instruction
2	TXD	Sending Data
3	RXD	Receiving Data
5	GND	Ground Interface

VI TROUBLESHOOTING

ERROR CODE	MEANING	SOLUTION
uuuuuu	Over load	Remove objects on the platform.
nnnnnn	Under load	Ensure platform is on a leveled surface.
ERR1	Weight data is missing, or data exceeds maximum capacity	Input correct value to calibrate again. It is recommended to use a calibration load of around 80% of the maximum weight capacity.
ERR2	Calibration load is too light	Use heavier calibration load.
ERR3	Signal data from sensor is minus	Check the sensors are connected right in junction box and recalibrate.
ERR4	Signal data is not stable	Make sure the weight and scale are leveled and re-calibrate.
ERR5	EEPROM error	Change PCB Board.
ERR6	Weight on the scale is greater than 10%of maximum capacity during startup self-inspection.	Tighten the cable between sensor box and indicator display. Ensure platform is on a level surface, remove objects on the platform, press 'ZERO' button, and then data on the display will turn into 0. If still doesn't work, recalibrate scale.