




# VOLTcraft PLS-205S Platform Scale Instruction Manual

[Home](#) » [VOLTcraft](#) » VOLTcraft PLS-205S Platform Scale Instruction Manual 

## Contents

- 1 VOLTcraft PLS-205S Platform Scale
- 2 Introduction
- 3 Operating Instructions for download
- 4 Intended use
- 5 Delivery contents
- 6 Description of symbols
- 7 Safety instructions
- 8 Product Overview
- 9 Setting up
- 10 Operation
- 11 Calibrating the scale
- 12 Cleaning and care
- 13 Disposal
- 14 Technical data
- 15 Documents / Resources
  - 15.1 References
- 16 Related Posts



**VOLTcraft PLS-205S Platform Scale**



## Introduction

Thank you for purchasing this product.

If there are any technical questions, please contact:

[www.conrad.com/contact](http://www.conrad.com/contact)

## Operating Instructions for download



Use the link [www.conrad.com/downloads](http://www.conrad.com/downloads) (alternatively scan the QR code) to download the complete operating instructions (or new/current versions if available). Follow the instructions on the web page.

## Intended use

The product is a platform scale with a detachable display unit.

The product is intended for indoor use only. Do not use it outdoors.

Contact with moisture must be avoided under all circumstances.

If you use the product for purposes other than those described, the product may be damaged.

Improper use can result in short circuits, fires, electric shocks or other hazards.

The product complies with the statutory national and European requirements.

For safety and approval purposes, you must not rebuild and/or modify the product.

Read the operating instructions carefully and store them in a safe place. Make this product available to third parties only together with the operating instructions.

All company names and product names are trademarks of their respective owners. All rights reserved.

## Delivery contents

- Scale
- Display unit

- Connection cable
- Power adaptor
- 2x AAA batteries
- Operating instructions

## Description of symbols

The following symbols are on the product/appliance or are used in the text:



- The symbol warns of hazards that can lead to personal injury.



- The symbol warns of dangerous voltage that can lead to personal injury by electric shock.

## Safety instructions



Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.

## General

- The product is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.
- If you have questions which remain unanswered by this information product, contact our technical support service or other technical personnel.
- Maintenance, modifications and repairs must only be completed by a technician or an authorised repair centre.

## Handling

Handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.

## Operating environment

- Do not place the product under any mechanical stress.
- Protect the appliance from extreme temperatures, strong jolts, flammable gases, steam and solvents.
- Protect the product from high humidity and moisture.
- Protect the product from direct sunlight.
- Do not switch the product on after it has been taken from a cold to a warm environment. The condensation that forms might destroy the product. Allow the product to reach room temperature before you use it.

## Operation

- Consult an expert when in doubt about the operation, safety or connection of the product.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. DO NOT attempt to repair the product yourself. Safe operation can no longer be guaranteed if the product:
  - is visibly damaged,
  - is no longer working properly,
  - has been stored for extended periods in poor ambient conditions or
  - has been subjected to any serious transport-related stresses.

## Liquids

The product is not protected against ingress of liquids. Keep the scale, connection ports and display units dry at all times.

## Power adapter



Do not modify or repair mains supply components including mains plugs, mains cables, and power supplies. Do not use damaged components. Risk of death by electric shock!

- Connect the appliance to a wall socket that can be accessed easily.
- As power supply, only use the supplied mains adaptor.
- Only connect the power adaptor to a normal mains socket connected to the public supply. Before plugging in the power adaptor, check whether the voltage stated on the power adaptor complies with the voltage of your electricity supplier.
- Never connect or disconnect power adaptors if your hands are wet.
- Never unplug the power adaptor from the mains socket by pulling on the cable; always use the grips on the plug.
- For safety reasons, disconnect the power adaptor from the mains socket during storms.
- Do not touch the power adapter if there are any signs of damage, as this may cause a fatal electric shock! Take the following steps:
  - Switch off the mains voltage to the socket containing the power adapter (switch off the corresponding circuit breaker or remove the safety fuse, and then switch off the corresponding RCD protective switch).
  - Unplug the power adapter from the mains socket.
  - Use a new power adapter of the same design. Do not use the damaged adapter again.
- Ensure that cables are not pinched, kinked or damaged by sharp edges.
- Always lay cables so that nobody can trip over or become entangled in them. This poses a risk of injury.

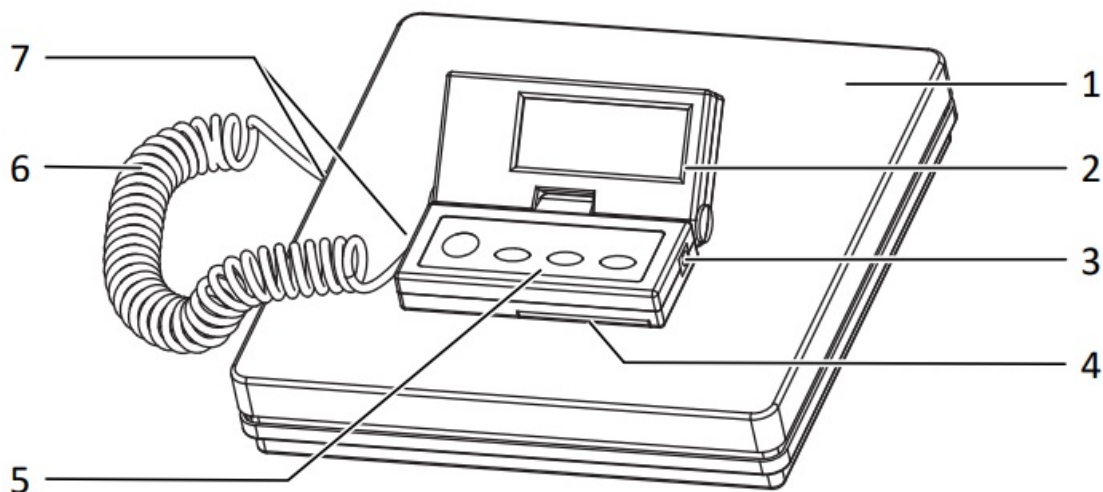
## Batteries

- Correct polarity must be observed while inserting batteries.
- The batteries should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use

suitable protective gloves to handle corrupted batteries.

- Batteries must be kept out of reach of children. Do not leave batteries lying around, as there is risk, that children or pets swallow them.
- All batteries should be replaced at the same time. Mixing old and new batteries in the device can lead to battery leakage and device damage.
- Batteries must not be dismantled, short-circuited or thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion!

## Product Overview



1. Weighing platform
2. Display unit
3. Power supply port
4. Battery compartment
5. Control panel
6. Connection cable
7. Display unit connection port

## Setting up

### Connecting the display unit

1. Connect the connection cable to the display unit connection port on the scale.
2. Connect the other end of the cable to the connection port on the display unit.

### Setting up the power supply

The product can be powered by batteries or the included power adaptor. The power adaptor does not charge any inserted batteries.

### Installing batteries

**Note:**

Replace the batteries when the low battery indicator appears on the display.

1. Remove the battery compartment cover.
2. Insert the batteries' matching polarities shown inside the compartment.
3. Replace the battery compartment cover.

### **Power adaptor**

1. Connect the power adaptor cable to the power supply port on the display unit.
2. Connect the power adaptor to a suitable mains socket.

### **Mounting the control panel**

Instead of placing the display unit at the desired location, you can mount it to a surface. 1. Hang the display unit using the hanging holes at the back of the display unit.

## **Operation**

### **Weighing**

#### **Notes:**

##### **Auto-zero function:**

If you switch the product on with a weighing container on the platform, the display zeros automatically and only displays the weight of the object you are weighing.

#### **Note:**

The power will automatically switch off after 5 minutes of inactivity.

1. Place the scale on a stable, horizontal, and even surface.
2. Press ON/OFF to turn the power on.
  1. The display shows 0.
3. Press MODE to toggle through units of measurement. You can adjust the unit of measurement at any time.
4. Place the object you want to weigh onto the weighing platform.
  1. If the weight exceeds the weighing range, the display will show "O\_Ld". Immediately remove the object from the weighing platform to prevent damage to the product.
5. Press ON/OFF to turn the power OFF.

### **Tare function**

- The tare function factors in the weight of the container so the scale only shows the net weight of the object being weighed.
- The maximum weighing capacity includes the weighing container. It is recommended to use a weighing container that is as light as possible.

1. Press ON/OFF to turn the power on.
2. Place an empty measuring container onto the weighing platform. Wait until the display stabilizes.
3. Press TARE.

1. The display shows 0.
4. Place the object to be weighed into the measuring container.
  1. The display shows the net weight of the object.
5. (Optional) To continue weighing without the measuring container, remove the container from the weighing platform and press TARE.
6. Press ON/OFF to turn the power OFF.

### Counting objects

With the counting function, you can determine the quantity of equal weight objects in batches.

#### Notes:

##### Auto-zero function:

If you switch the product on with a weighing container on the platform, the display zeros automatically and only displays the weight of the object you are weighing.

##### Preconditions:

every object you want to count is  $\geq 5$  g.

1. Press ON/OFF to turn the power on.
2. Place (25, 50, 75 or 100) objects on the weighing platform.
3. Press and hold PCS until "pcs" appears on the display.
4. Press MODE repeatedly to set a reference unit number (25, 50, 75 or 100).
5. Press PCS. The display will show the number of units.
6. Add or remove objects from the weighing platform.
7. Press MODE to return to normal weighing mode.
8. Press ON/OFF to turn the power OFF.

### Calibrating the scale

The scale was calibrated at the factory.

#### Note:

If accuracy fails and you use batteries to power the product, try replacing the batteries as a first step to regain accuracy.

##### Preconditions:

- You have a standard test weight of 5 kg, 10 kg, or 20 kg available.
  - The weighing platform is empty.
1. Press ON/OFF to turn the power on.
  2. Press and hold MODE until the display shows 50 kg followed by short flashes of CAL.
  3. Press TARE to select a test weight of 5 kg, 10 kg, or 20 kg.
  4. Press MODE to select the weight.
    1. The calibrated weight flashes.
  5. Place the selected test weight on the weighing platform.
  6. Wait until PASS appears on the display to indicate successful calibration.

1. If a calibration error has occurred, Err will show on the display. Press and hold ON/OFF to switch the product off. Repeat the calibration process.
7. Remove the weight.
8. Press ON/OFF to turn the power OFF.

## Cleaning and care

### Important:

- Do not use aggressive cleaning agents, rubbing alcohol or other chemical solutions. They damage the housing and can cause the product to malfunction.
  - Do not immerse the product in water.
1. Disconnect the product from the power supply.
  2. Clean the product with a dry, fibre-free cloth.

## Disposal

### Product



This symbol must appear on any electrical and electronic equipment placed on the EU market. This symbol indicates that this device should not be disposed of as unsorted municipal waste at the end of its service life. Owners of WEEE (Waste from Electrical and Electronic Equipment) shall dispose of it separately from unsorted municipal waste. Spent batteries and accumulators, which are not enclosed by the WEEE, as well as lamps that can be removed from the WEEE in a non-destructive manner, must be removed by end users from the WEEE in a non-destructive manner before it is handed over to a collection point.

Distributors of electrical and electronic equipment are legally obliged to provide free take-back of waste. Conrad provides the following return options free of charge (more details on our website):

- in our Conrad offices
- at the Conrad collection points
- at the collection points of public waste management authorities or the collection points set up by manufacturers or distributors within the meaning of the ElektroG

End users are responsible for deleting personal data from the WEEE to be disposed of.

It should be noted that different obligations about the return or recycling of WEEE may apply in countries outside of Germany.

### (Rechargeable) batteries

Remove batteries/rechargeable batteries, if any, and dispose of them separately from the product. According to the Battery Directive, end users are legally obliged to return all spent batteries/rechargeable batteries; they must not be disposed of in the normal household waste.

Batteries/rechargeable batteries containing hazardous substances are labelled with this symbol to indicate that disposal in household waste is forbidden. The abbreviations for heavy metals in batteries are: Cd = Cadmium, Hg



= Mercury, Pb = Lead (name on (rechargeable) batteries, e.g. below the trash icon on the left).

Used (rechargeable) batteries can be returned to collection points in your municipality, our stores or wherever (rechargeable) batteries are sold. You thus fulfil your statutory obligations and contribute to environmental protection. Batteries/rechargeable batteries that are disposed of should be protected against short circuit and their exposed terminals should be covered completely with insulating tape before disposal. Even empty batteries/rechargeable batteries can contain residual energy that may cause them to swell, burst, catch fire or explode in the event of a short circuit.

## Technical data

### Product

- Power supply..... Batteries: 2x 1.5 V AAA
- Power adaptor: 6.0 V/DC, 1.0 A (inside: +, outside: -)
- Min. measuring weight..... 5 g
- Weighing capacity ..... max. 50 kg
- Units of measure ..... kg:g, kg, g, lb, oz, lb:oz
- Resolution..... d=1 g
- Accuracy..... 5 g – 10 kg:  $\pm 3D$   
10 – 30 kg:  $\pm 6D$   
30 – 50 kg:  $\pm 10D$
- Automatic power off..... after 5 minutes
- LCD background colour..... Blue
- Weighting platform material..... Stainless steel
- Operating temperature ..... 0 to +40 °C
- Operating humidity ..... 20 – 80 % RH
- Storage temperature..... -10 to +50 °C
- Storage humidity..... 20 – 80 % RH
- LCD dimensions ..... 75 x 30 mm
- Cable length (extendable) ..... max. 1.5 m
- Weighting platform dimensions ..... 250 x 250 mm
- Scale dimensions (L x W x H) ..... 250 x 250 x 50 mm
- Product weight (approx.) ..... 2.4 kg (without batteries)

### Power adaptor

### Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	FJ-SW1160601000DE
Input voltage	100 – 240 V/AC
Input AC frequency	50 – 60 Hz
Output voltage	6.0 V/DC
Output current	1.0 A
Output power	6.0 W
Average active efficiency	78.9 %
Efficiency at low load (10 %)	46.0 %
No-load power consumption	0.10 W

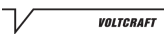
This is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau ([www.conrad.com](http://www.conrad.com)).

All rights including translation reserved. Reproduction by any method (e.g. photocopying, microfilming or the capture in electronic data processing systems) requires prior written approval from the editor. Reprinting, also in part, is prohibited.

This publication reflects the technical status at the time of printing.

Copyright by Conrad Electronic SE \*3089011\_V2\_0824\_jh\_mh\_en 18014399943290763-2 I3/O2 en

## Documents / Resources

 <p>© Conrad Electronic PLS-205S Plattformwaage Ausg. 08/2017 © Conrad Electronic PLS-205S Platform Scale Ausg. 08/2017 © Conrad Electronic Balance avec plate-forme PLS-205S © Conrad Electronic PLS-205S platformaegeskal Ausg. 08/2017</p> <p>CE</p>	<p><a href="#">VOLT CRAFT PLS-205S Platform Scale</a> [pdf] Instruction Manual 3089011, PLS-205S Platform Scale, PLS-205S, Platform Scale, Scale</p>
--	--

## References

- [🇫🇷 France.fr : Explore France and its wonders - Explore France](#)
- [🇩🇪 Conrad Electronic » Alle Teile des Erfolgs](#)
- [🇬🇧 Conrad Electronic » All parts of success](#)
- [🇩🇪 Conrad Electronic – Alle Teile des Erfolgs](#)
- [🇬🇧 Conrad Electronic » All parts of success](#)
- [🇩🇪 Contact](#)
- [🇩🇪 Download center](#)
- [🇬🇧 Conrad Electronic Online Shop » Alle Teile des Erfolgs](#)
- [🇬🇧 Conrad Electronic » All parts of success](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.