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velleman 3DPEN2 Printing Pen With Screen Botland Store User Manual

Contents

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Introduction

To all residents of the European Union Important environmental information about this product
This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules.
If in doubt, contact your local waste disposal authorities. Thank you for choosing Velleman! Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer.

Safety Instructions

This device can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the device in a safe way and understand the hazards involved. Children shall not play with the device. Cleaning and user maintenance shall not be made by children without supervision. For educational purposes only! To be used under the direct supervision of an adult.

- **Indoor use only.** Keep this device away from rain, moisture, splashing and dripping liquids.
- Always disconnect mains power when the device is not in use. Handle the power cord by the plug only.
- DO NOT disassemble or open the cover. There are no user serviceable parts inside the device. Refer to an authorized dealer for service and/or spare parts.
- **Caution:** Device heats up during use. Place the device on a flat, heat-resistant surface. Do not place the device on carpets, fabrics…
- Do not use the device when damage to housing or cables is noticed. Do not attempt to service the device yourself but contact an authorised dealer.

General Guidelines

Refer to the Velleman® Service and Quality Warranty on the last pages of this manual.

- Familiarise yourself with the functions of the device before actually using it.
- All modifications of the device are forbidden for safety reasons. Damage caused by user modifications to the

device is not covered by the warranty.

- Only use the device for its intended purpose. Using the device in an unauthorised way will void the warranty.
- Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- Do not switch the device on immediately after it has been exposed to changes in temperature. Protect the device against damage by leaving it switched off until it has reached room temperature.
- Keep this manual for future reference.

Features

- can be driven by power bank, connection to AC/DC adapter not needed
- double click loading/unloading button to fill and remove filament automatically
- OLED screen, which can display company information, temperature, speed and material
- OSD language: multi-language customized
- super slim design

Overview

Refer to the illustrations on page 2 of this manual.

1. power input
2. wire-feeding hole
3. OLED display
4. temperature ▲
5. temperature ▼
6. wire-unloading button

7. speed controller
8. wire-feeding button
9. heating nozzle

Operation

1. Insert the power plug from the adapter into the power input [1]. Connect the adapter to the mains. The OLED display [3] will light; the pen is in standby mode.
2. Press the wire-feeding button [8] once. The OLED display [3] will display the temperature to indicate the pen is preheating.
3. Leave the pen to preheat for about 1 minute or until the OLED display [3] displays the desired temperature.
4. Insert the filament through the wire-feeding hole [2] and hold the wire-feeding button [8] pressed to load it into the pen. Wait for molten filament to come out of the nozzle [9].
5. The pen is now ready for use. Adjust the feeding speed with the speed controller [7] if necessary.
6. When done drawing, hold the wire-unloading button [6] pressed to unload the filament out of the pen. Next, hold the wire-feeding button [8] pressed to extrude molten filament rests and to clean the inside of the nozzle [9]. Disconnect the pen from the mains and leave it to cool down before storing.

Notes:

- Do not touch the nozzle when the pen is switched on!
- The pen will switch to stand-by after 2 minutes of inactivity. Repeat step 2 above to reheat the pen.
- Preheating time depends from the set temperature (adjust through the temperature controller [4, 5]) and the ambient temperature. Make sure the set temperature is correct:
  - **too hot:** filament will be too hot and watery
  - **too cold:** filament will not melt
- Cut off the end of the filament before inserting it through the wire-feeding hole [2].
- Always unload the filament and clean the inside of the nozzle [9] after each use (see step 6 above).

Troubleshooting

- **The power LED does not light.**
  - The power adapter is defective. Replace the power adapter.
  - The pen is defective. Please contact your dealer.
- **The filament is not extruded from the nozzle.**
  - The nozzle is blocked. Replace the nozzle.
  - The temperature is not high enough. Increase the temperature.
  - The filament fails to load. Unload the filament, cut clean and reload.
- **The pen does not warm up.**
  - The pen is defective. Please contact your dealer.

Cleaning and Maintenance

- This pen does not need any particular maintenance.

- Occasionally wipe with a damp cloth to keep it looking new. Do not use harsh chemicals, cleaning solvents or strong detergents to clean the detector.

Technical Specifications

- **input voltage** …………………………5 V 2 A (USB cable)
- **power supply** .. AC/DC adapter or power bank (not incl.)
- **screen** …………………………………………………OLED
- **pen material** ……………………………………… plastic
- **nozzle** ………………………………….. Ø 0.6 mm (ceramic)
- **printing material**………..1.5-1.75 mm ABS/PLA filament
- **print range** …………………………………………..unlimited
- **molding speed** …………………………………. adjustable
- **temperature** ……………………… 130-240 °C adjustable
- **dimensions**……………………………. 180 x 20 x 20 mm
- **pen net weight** ……………………………………… 45 g

Use this device with original accessories only. Velleman nv cannot be held responsible in the event of damage or injury resulting from (incorrect) use of this device. For more info concerning this product and the latest version of this manual, please visit our website **www.velleman.eu**. The information in this manual is subject to change without prior notice.

Warranty

Since its foundation in 1972, Velleman® acquired extensive experience in the electronics world and currently distributes its products in over 85 countries. All our products fulfil strict quality requirements and legal stipulations in the EU. In order to ensure the quality, our products regularly go through an extra quality check, both by an internal quality department and by specialized external organizations. If, all precautionary measures notwithstanding, problems should occur, please make appeal to our warranty (see guarantee conditions).

General Warranty Conditions Concerning Consumer Products (for EU):

- All consumer products are subject to a 24- month warranty on production flaws and defective material as from the original date of purchase.
- Velleman® can decide to replace an article with an equivalent article, or to refund the retail value totally or partially when the complaint is valid and a free repair or replacement of the article is impossible, or if the expenses are out of proportion.

You will be delivered a replacing article or a refund at the value of 100% of the purchase price in case of a flaw occurred in the first year after the date of purchase and delivery, or a replacing article at 50% of the purchase price or a refund at the value of 50% of the retail value in case of a flaw occurred in the second year after the date of purchase and delivery.

Not covered by warranty:

- all direct or indirect damage caused after delivery to the article (e.g. by oxidation, shocks, falls, dust, dirt, humidity…), and by the article, as well as its contents (e.g. data loss), compensation for loss of profits;
- consumable goods, parts or accessories that are subject to an aging process during normal use, such as batteries (rechargeable, nonrechargeable, built-in or replaceable), lamps, rubber parts, drive belts… (unlimited list);
- flaws resulting from fire, water damage, lightning, accident, natural disaster, etc.…;
- flaws caused deliberately, negligently or resulting from improper handling, negligent maintenance, abusive use or use contrary to the manufacturer's instructions;
- damage caused by a commercial, professional or collective use of the article (the warranty validity will be reduced to six (6) months when the article is used professionally);
- damage resulting from an inappropriate packing and shipping of the article;
- all damage caused by modification, repair or alteration performed by a third party without written permission by Velleman®.
- Articles to be repaired must be delivered to your Velleman® dealer, solidly packed (preferably in the original packaging), and be completed with the original receipt of purchase and a clear flaw description.
- **Hint:** In order to save on cost and time, please reread the manual and check if the flaw is caused by obvious causes prior to presenting the article for repair. Note that returning a non-defective article can also involve handling costs.
- Repairs occurring after warranty expiration are subject to shipping costs.
- The above conditions are without prejudice to all commercial warranties.

The above enumeration is subject to modification according to the article (see article's manual)

Made in PRC
Imported by Velleman nv
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Documents / Resources

	velleman 3DPEN2 Printing Pen With Screen Botland Store [pdf] User Manual 3DPEN2 Printing Pen With Screen Botland Store, 3DPEN2, Printing Pen With Screen Botland Store, Pen With Screen Botland Store, Screen Botland Store

References

- ◪ **Velleman â€" Wholesaler and developer of electronics**