



Thank you for purchasing our product. Please read the user manual before use and keep it for future reference. We hope that the product will meet your expectations.

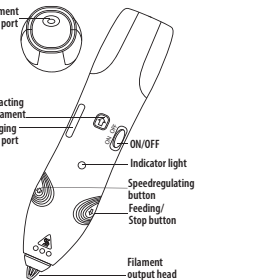
#### PRODUCER INFORMATION:

Telforceone SA  
Krakowska 119  
50-428 Wrocław, Poland  
Helpline: (+48) 71 717 70 20  
www.telforceone.pl  
Made in China

#### SPECIFICATION:

Weight: 64 g  
Rechargeable battery: Li-Ion 3,7 V 500 mAh, 1,85 Wh  
Power supply micro USB: 5 V 0,5 A  
Type of consumables: PCL  $\phi$  1,75 mm

#### CONSTRUCTION AND DESCRIPTION OF THE DEVICE:



#### SET CONTENTS:

3D pen, 10 x 5 m filament, power cord, holder, 10 pcs drawing templates, pen cleaning needle, transparent drawing foil

**NOTE:** If any of the components are missing after unpacking the set, report this immediately to the seller.



**WARNING:** Not suitable for children under 36 months. Small parts choking hazard. Filament suffocation hazard.

The 3D pen can generate hot streams of plastic during use. Avoid direct contact with hot components to avoid burns or other skin injuries.

3D manual pens are designed for children and thus may

also involve certain hazards and require compliance with safety rules. The following are some potential risks and safety recommendations for the use of the 3D pen by children.

#### SAFETY RULES:

Make sure you read and keep this manual, as the information it contains is very important for later use.

#### Danger of burn injury:

The heating elements of the 3D pen may become hot during operation, posing a risk of burns for children, especially if they are too curious and want to touch hot surfaces.

#### Risk of swallowing small parts:

3D pens may contain small parts that pose a swallowing risk to small children.

#### Avoid inhaling fumes:

Working with a 3D pen may generate fumes. Ensure that the room is well ventilated and avoid inhaling plastic fumes, as this can be harmful to health.

When first used, smoke may come out of the pen's head and this is natural. During use, you may experience a smell as a result of heating the filament material.

#### Be careful with your eyes:

Handle with care when using the 3D pen to avoid plastic coming into your eyes. In case of contact with eyes, rinse immediately with plenty of water and consult a doctor.

#### Servicing:

There are no serviceable parts inside the device which can be repaired by the user.

All repairs should be carried out by a service technician.

Do not use the device when it is damaged.

Use only original parts/accessories supplied by the

manufacturer.

#### Use:

Protect the product from falling and strong shocks.

Avoid using the device in high temperatures and do not expose the display to intense sunlight. The device should not be exposed to water, fire or any other source of heat. This may permanently damage the product.

#### Safe storage:

After finishing work, make sure that the filament has been fully ejected from the pen. After use, always disconnect the 3D pen from the power supply and keep it out of reach of children.

#### RULES FOR SAFE USE OF BATTERIES:

The device is powered by rechargeable batteries. Avoid exposing the battery to very low or very high temperatures (below 10°C / 50°F or above 45°C / 113°F). Extreme temperatures can affect the capacity and life of the battery. Avoid exposing the battery to liquids and metal objects, as this may lead to complete or partial damage to the battery. Use the battery only for its intended purpose. Do not destroy, damage or throw the battery into a fire – it can be dangerous and cause a fire. Put a used or damaged battery in a special container. Overcharging the battery may damage it. Therefore, do not charge the battery longer than necessary. Installing the wrong type of battery poses the risk of it exploding. Do not short-circuit the power supply terminals. Dispose of the battery according to the instructions. The device's battery may be replaced by a qualified manufacturer's service technician or an authorized service center.

#### SWITCHING ON:

Move the slider to the ON position. Blinking red light indicates the head heating process. When the light stops blinking and turns green, the device is ready for use.

#### CHARGING THE DEVICE:

The device has a built-in rechargeable battery. In order to charge the device, switch off the device, then push the micro USB cable into the power socket. Insert the other end into the 5 V external power supply. The charging process is signaled by an illuminated LED. Once the charging process is complete, disconnect the device from the power supply.

**NOTE:** The battery should only be charged by adults or children aged 8 years or older.

**CAUTION:** Never leave your device unattended while charging.

**NOTE:** It is not possible to use the device during charging.

#### FILAMENT LOADING:

Once the start-up process is complete, the filament can be inserted into the pen. Next, press the filament loading button and the pen will start to pick up the material.

**NOTE:** Sometimes the pen will not automatically pick up the filament (it will not slide). It should be inserted gently by hand until the intake mechanism picks up the material.

#### USE:

Hold the pen firmly in your hand so that your thumb has easy access to the filament eject button. Position the pen at an angle of approx. 65° to the ground by lightly pressing down on the heads. Then press the filament eject button, slowly moving the pen in the desired direction.

At the beginning, we suggest using ready-made designs that, once printed, can be completed using a 3D pen.

It is easier to work on a piece of paper as the inlay will adhere better to matte, rougher surfaces.

For first projects, we suggest focusing on the specifics of the device's operation, adjusting the ejection speed, the speed at which the pen moves across the project, etc.

After printing, leave the project until the filament has cooled down.

#### SPEED ADJUSTMENT:

You can also adjust the speed of the filament operation/ejection. A single click of the button changes the speed.

#### CHANGING THE FILAMENT:

The filament and its type can be changed any time. In order to change the filament, press the filament eject button and the device will automatically eject the entire filament. Insert a new filament, then follow the guidelines for FILAMENT LOADING.

#### COMPLETION OF WORK:

- After finishing work, eject the filament, then turn off the device by moving the slider to the OFF position.
- Do not leave the device switched off with the filament inside. This may cause the material to dry in the head.
- The pen has a built-in SLEEP MODE function. If you leave the device switched on without using it, it will eject the filament from the head after 5 minutes and switch itself off. Press the filament eject button to activate it.
- After removing the filament, cut off and discard the partially melted material. Do not insert a filament with a melted, deformed tip as it may cause jamming in the area of the engines.

#### PROPER DISPOSAL OF USED EQUIPMENT:

The device is labeled with the symbol of a crossed-out rubbish bin, in accordance with the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). Products labeled with this symbol should not be disposed of or thrown away with other household waste at the end of their service life. The user is obliged to dispose of waste electrical and



electronic equipment by delivering it to the designated point at which such hazardous waste is recycled. The accumulation of this type of waste in indicated places and the proper process of its recovery contribute to the protection of natural resources. Proper recycling of waste electrical and electronic equipment has a positive impact on human health and the environment. In order to obtain information on where and how to dispose of waste electronic equipment responsibly and in an environmentally safe manner, the user should contact the relevant local authority, the waste collection point or the point of sale where the equipment was purchased.

#### PROPER DISPOSAL OF A WASTE BATTERY:

In accordance with the EU Directive 2023/1542 on batteries and waste batteries, this product is marked with a crossed-out garbage can symbol. The symbol means that the batteries used in this product should not be discarded together with normal household waste, but treated in accordance with the directive and local regulations. Do not

dispose of batteries together with unsorted municipal waste. Users of batteries must use the available collection network for these items for return, recycling and disposal. Within the EU, the collection and recycling of batteries is subject to separate procedures. To learn more about existing battery recycling procedures in your area, contact your city hall, waste management institution or landfill.

#### Declaration of conformity with EU directives:

TelForceOne S.A. hereby declares that this product complies with the basic requirements and other provisions of the so-called „New Appro- ach” Directives of the European Union.



Dispose of the device packaging in accordance with local regulations and recycling guidelines.



The symbol denotes flat cardboard (packaging material).



**CAUTION!** Hot surface. Risk of burns!



Read this manual.