3D Printer User Manual

GLD-21108

3D printer - BCN3D Epsilon W27 SC - IDEX dual-extruder

1. Usage Information and Warnings

1. Do not touch the nozzle or heated bed while the printer is operating to avoid burns and bodily injury caused by high temperatures.
2. Do not place the printer near heat sources or flammable or explosive materials. It is suggested to place it in a well-ventilated, cool, and dust-free place.
3. Do not wear gloves or wraps while operating the device to prevent entanglement with moving parts, which could cause crushing and cutting of body parts.
4. Be careful of the high-speed moving parts of the device to avoid potential risk of entrapment.
5. Children under the age of 10 should not use the printer without supervision, as it may cause bodily injury.
6. Perform regular maintenance on the printer, cleaning the device body with a dry cloth to remove dust and any sticky filament residue. Before cleaning, make sure the printer is turned off and fully cooled.
7. To ensure safe operation of the device, make sure it is properly grounded. Improper grounding or potential negligence may increase the risk of electric leakage.
8. Do not expose the printer to sudden vibrations or other adverse conditions, as this may result in poor print quality.
9. If the device will not be used for a long time, turn off the power and disconnect the power cord.

2. Unpacking and Assembly

1. **Unpacking** - checking the completeness of the set and the condition of the elements.
2. **Wiring** - connecting the device to the power supply.
3. **Startup and Calibration** - checking the operation of the printer and its calibration.
4. **Test Print** - loading the filament and performing a test print.

3. Intended Use

The product is intended to be used within the parameter ranges provided by the manufacturer and should only be used by qualified personnel trained to operate this product. Before each use, check the product for damage and do not use it if any defects are found. Failure to follow the manufacturer's guidelines may cause potential damage to the product.

4. Technical Specification

Product code	GLD-21108
3D - print surface	420 x 300 x 220 mm

3D - type of printout	FFF/FDM
3D - hotend amount	2
3D - filament diameter	2.85 mm
3D - printing thickness	0.05 mm
3D - nozzle temp	300 °C
3D - table temp.	120 °C
Pole robocze	Big
Wymiary pola roboczego - oś X	420 mm
Wymiary pola roboczego - oś Y	300 mm
Wymiary pola roboczego - oś Z	220 mm
Plug&Play	Yes
3D - Multi-material support	Yes
3D - Supported Materials	Advanced
3D - Communication	WiFi
3D - Communication	microSD card
3D - Communication	Ethernet

5. Contact Information

For product-related questions, please contact an authorized service center or the manufacturer:

- **Importer:** Botland. B. Derkacz Sp. K.
- **Address:** Gola 25, 63-640 Bralin
- **Phone Number:** 62 593 10 54
- **Website address:** www.botland.store