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XIIW BL21601

XIIW 500W Electric Caulk Gun User Manual

Model: BL21601

Instructions Setup Operation Product Overview Safety Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The XIIW 500W Electric Caulk Gun, Model BL21601, is a powerful and versatile tool designed for efficient and precise application of various sealants and adhesives. It features a robust 500W motor, adjustable speed settings, an integrated LED light, and an automatic retraction mode to prevent drips.

Components

Familiarize yourself with the main components of your electric caulk gun:



- **Aufsatzdüse:**Kontrolliert und reguliert die Richtung und Geschwindigkeit des Klebstoffauslaufs
- **Kartuschenhalterung:** Länge = 350mm, Innendurchmesser = 51mm. Geeignet für Haushaltsglaskleber (für die Innendekoration im Haushalt), Silikon-Strukturkleber (für das Verkleben von großen Glaskonstruktionen im Außenbereich), weiche und harte Klebstoffe.
- **Teleskopgriff:** Durch Drücken der Kupplung kann der Teleskopgriff manuell ausgezogen werden.
- **Kupplung:**Rücksprungschalter zur Vermeidung von Überlastung.
- **LED:** Verwendet für Beleuchtungszwecke.
- **Schalter:** ON / OFF; Durch Doppelklicken des Schalters an der Kartuschenpistole kann der Vorschub der Klebepatrone auf eine konstante Geschwindigkeit eingestellt werden.
- **Drehzahlregler:** Die Geschwindigkeit kann in 6 Schritten von 1 bis 6 angepasst werden.
- **Batterieanzeigelampe:** Die Batterieanzeige.
- **AKKU:** 2000mAh Lithium-Ionen-Akku.

Image Description: A detailed diagram of the electric caulk gun, highlighting its key components. Labels include: **Aufsatzdüse** (Accessory Nozzle), **Kartuschenhalterung** (Cartridge Holder), **Teleskopgriff** (Telescopic Handle), **Kupplung** (Clutch), **LED** (LED Light), **Schalter** (Switch), **Drehzahlregler** (Speed Controller), and **Batterieanzeigelampe** (Battery Indicator Light).

- **Accessory Nozzle:** Controls and regulates the direction and speed of adhesive output.
- **Cartridge Holder:** Length = 350 mm, inner diameter = 51 mm. Suitable for household glass glue, silicone structural adhesive, and both soft and hard adhesives. Max capacity: 600 ml for soft rubber cylinders, 310 ml for hard rubber cylinders.
- **Feed Rod:** Exerts up to 7840 N of pressure on the cartridge to push adhesive out.
- **Limit Switch:** Activates when the feed rod is fully retracted to prevent excessive retraction.
- **Clutch:** Pressing the clutch allows manual retraction of the feed rod.
- **LED Light:** Provides illumination for working in dark environments.
- **Switch:** ON/OFF control. Double-clicking the switch enables automatic adhesive cartridge feed.
- **Speed Controller:** Adjusts the dispensing speed in 6 steps (1 to 6).
- **Battery Indicator:** Displays the current battery level.

2. Safety Instructions

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Read the Manual:** Read and understand all instructions before operating the tool.
- **Work Area:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Do not expose power tools to rain or wet conditions. Do not abuse the cord.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense. Do not use the tool while tired or under the influence of drugs, alcohol, or medication.
- **Tool Use and Care:** Do not force the tool. Use the correct tool for your application. Store idle tools out of the reach of children.
- **Battery Safety:** Use only the specified battery packs and chargers. Do not short-circuit a battery pack. Do not open or damage the battery pack.
- **Adhesive Safety:** Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling sealants and adhesives. Refer to the adhesive manufacturer's safety data sheet (SDS) for specific precautions.

3. Setup

3.1. Battery Installation

The caulk gun operates on 21V 2Ah lithium-ion batteries. Ensure the battery is charged before use.

1. Align the battery pack with the battery slot at the base of the caulk gun handle.
2. Slide the battery into the slot until it clicks securely into place.
3. To remove, press the battery release button and slide the battery out.

3.2. Loading Cartridges or Sausage Packs

This caulk gun is compatible with both 310ml hard cartridges and 600ml soft sausage packs.



Image Description: A visual guide demonstrating the different components used for bag cartridges (Beutelkartuschen) and hose cartridges (Schlauchkartuschen). It shows how to adapt the caulk gun for each type.

1. **Prepare the Cartridge/Sausage Pack:**
   For hard cartridges: Cut the tip of the nozzle at a 45-degree angle to the desired bead size. Puncture the inner seal of the cartridge using the cleaning needle provided or a suitable tool.
   For soft sausage packs: Secure the appropriate nozzle and end cap for sausage packs.
2. **Retract the Plunger Rod:** Press the clutch release button (usually located near the handle) and pull the plunger rod all the way back.
3. **Insert the Cartridge/Sausage Pack:** Place the prepared cartridge or sausage pack into the cartridge holder, ensuring it is seated correctly.
4. **Advance the Plunger Rod:** Gently push the plunger rod forward until it makes contact with the back of the cartridge/sausage pack.

3.3. Visual Guide for Setup

Watch this video for a step-by-step guide on how to set up and use your electric caulk gun.

Your browser does not support the video tag.

Video Description: A seller-provided video titled "Cómo usarlo? Pasos muy sencillos" (How to use it? Very simple steps) demonstrating the basic setup and operation of a similar electric caulk gun, including loading a cartridge and adjusting settings.

4. Operation

4.1. Power On/Off

To turn the caulk gun ON, press the main switch. To turn it OFF, release the switch. Double-clicking the switch will activate continuous automatic feeding.

4.2. Speed Adjustment

The caulk gun features a 6-level speed controller, allowing you to adjust the dispensing speed from 0-32 mm/s for optimal material flow.



Image Description: A close-up view of the caulk gun's handle, showing the speed controller dial with settings from 1 to 6. This allows for precise control over the sealant flow rate.

Rotate the speed controller dial (located on the side of the tool) to select your desired speed from 1 (slowest) to 6 (fastest). Start with a lower speed and increase as needed for consistent application.

4.3. LED Light Function

The integrated LED light illuminates your work area, providing better visibility in dimly lit spaces.



Image Description: The caulk gun in use, with its front-mounted LED light brightly illuminating the area where sealant is being applied, demonstrating its utility in dark conditions.

The LED light automatically turns on when the trigger is pressed, ensuring your application path is always visible.

4.4. Automatic Retraction Mode

Upon releasing the trigger, the caulk gun automatically retracts the plunger rod slightly. This feature prevents excess material from dripping or oozing out, ensuring clean finishes and reducing waste.

4.5. Application Tips

- Hold the gun at a consistent angle to the surface.
- Maintain a steady pace to ensure an even bead of sealant.
- Practice on scrap material to find the optimal speed and technique for your specific application.

Your browser does not support the video tag.

Video Description: A seller-provided video titled "¿Cómo usar la pistola eléctrica de silicona SEESII?" (How to use the SEESII electric silicone gun?) demonstrating various applications of the caulk gun, including sealing floors, doors, and sinks, highlighting its ease of use and smooth operation.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your caulk gun.

- **Cleaning:** After each use, clean any excess sealant or adhesive from the nozzle and cartridge holder. Use a suitable solvent if necessary, following the adhesive manufacturer's recommendations.
- **Plunger Rod:** Keep the plunger rod clean and free of debris to ensure smooth operation.
- **Storage:** Store the caulk gun in a dry, clean place, away from direct sunlight and extreme temperatures. Remove the battery pack before storing for extended periods.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries.

6. Troubleshooting

If you encounter issues with your caulk gun, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sealant flow	Battery discharged; Cartridge seal not punctured; Nozzle clogged; Plunger rod not engaged.	Charge battery; Puncture cartridge seal; Clear nozzle; Ensure plunger rod is fully engaged with cartridge.
Uneven sealant bead	Incorrect speed setting; Inconsistent application angle/speed; Nozzle cut incorrectly.	Adjust speed setting; Maintain steady angle and pace; Re-cut nozzle or use a new one.
Tool not turning on	Battery not installed correctly; Battery discharged; Faulty switch.	Reinstall battery; Charge battery; Contact customer support if switch is faulty.
Adhesive dripping after release	Automatic retraction not functioning; Excess pressure built up.	Ensure tool is clean; If problem persists, contact customer support.

7. Specifications

Feature	Detail
Manufacturer	XIIW
Model Number	BL21601
Power Output	500 W
Voltage	21 Volts
Power Source	Battery Powered
Max Pressure	7840 N
Push Speed	0-32 mm/s
Speed Levels	6 adjustable levels
Soft Rubber Cylinder Capacity	Max 600 ml
Hard Rubber Cylinder Capacity	Max 310 ml
Cartridge Holder Length	350 mm
Cartridge Holder Inner Diameter	51 mm
Vibration Level	Less than 2.5 m/s^2
Sound Pressure Level	Less than 70 dB (A)
Batteries Included	2 x 2000 mAh Lithium-ion batteries
Components Included	1 Caulk Gun, 1 Storage Box, 2 Lithium-ion Batteries, 1 Battery Charger

8. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact the retailer. Keep your proof of purchase for any warranty claims.

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