

## Bosch Professional GEX 18V-125

# Bosch Professional 18V System GEX 18V-125 Cordless Random Orbit Sander Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Bosch Professional 18V System GEX 18V-125 Cordless Random Orbit Sander. Please read these instructions thoroughly before using the tool for the first time and keep them for future reference. Proper use and adherence to safety guidelines will ensure optimal performance and extend the lifespan of your sander.

The GEX 18V-125 Professional random orbit sander is designed for basic sanding, intermediate sanding, removing lacquers, and finishing surfaces. It is suitable for various materials including wood, veneer, lacquer, filler, mineral, and acrylic. This tool is part of the Bosch Professional 18V System, offering cordless convenience and compatibility with other 18V Bosch Professional batteries.

## 2. SAFETY INFORMATION

Always observe general power tool safety warnings and local regulations when operating this device. Failure to follow all instructions may result in electric shock, fire, and/or serious injury.

### 2.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the sander. Dress properly; avoid loose clothing or jewelry that can get caught in moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will do the job better and safer at the rate for which it was designed. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

### 2.2 Specific Sander Safety Warnings

- Hold the power tool by insulated gripping surfaces when performing an operation where the sanding accessory may contact hidden wiring.
- Do not sand materials containing asbestos.
- Always ensure the workpiece is securely clamped or stabilized before sanding.
- Do not touch the sanding disc immediately after use as it may be hot.

### 3. PRODUCT OVERVIEW

The Bosch Professional GEX 18V-125 is a cordless random orbit sander designed for versatility and user comfort. Key components include the sanding pad, dust bag connection, speed preselection wheel, and power switch.



This image displays the complete package of the Bosch Professional GEX 18V-125 Cordless Random Orbit Sander, including the tool itself, the L-BOXX storage case, a dust collection bag, and a sanding disc.

#### 3.1 Included Components

The standard package for the GEX 18V-125 typically includes:

- GEX 18V-125 Cordless Random Orbit Sander
- Sanding disc (125 mm)
- 1x C430 sanding paper, Expert for Wood + Paint, 120 grit
- Dust bag
- L-BOXX 136 (storage case)



An overview of the Bosch GEX 18V-125 sander and its accessories, including the dust bag and sanding disc, neatly organized within the L-BOXX storage case.



The closed L-BOXX 136 storage case, designed for secure transport and organization of the Bosch GEX 18V-125 sander and its accessories.

## 4. SETUP

### 4.1 Battery Installation

1. Ensure the sander is switched off.
2. Insert a charged Bosch Professional 18V System battery pack into the battery receptacle until it clicks into place.
3. To remove, press the release button on the battery pack and pull it out.

## 4.2 Attaching the Sanding Disc

1. Ensure the sanding pad is clean and free of debris.
2. Align the holes on the 125 mm sanding disc with the holes on the hook-and-loop sanding pad.
3. Press the sanding disc firmly onto the pad to secure it.

## 4.3 Dust Management

The GEX 18V-125 offers two options for dust management:

- **Dust Bag:** Attach the included dust bag to the dust extraction port on the sander. Ensure it is securely fastened. Empty the dust bag regularly for effective dust collection.
- **External Dust Extraction:** For enhanced dust control, connect the sander to a compatible Bosch Click & Clean dust extraction system using an appropriate adapter (sold separately).

# 5. OPERATING INSTRUCTIONS

## 5.1 Powering On/Off

- To switch on the sander, slide the ON/OFF switch to the 'I' position.
- To switch off, slide the ON/OFF switch to the 'O' position.

## 5.2 Speed Preselection

The sander features a speed preselection wheel, allowing you to adjust the oscillation rate for different materials and applications. Rotate the wheel to select the desired speed setting (1-6). Lower speeds are suitable for delicate materials or polishing, while higher speeds are for aggressive material removal.

## 5.3 Sanding Techniques

- **Basic Sanding:** Use a medium grit sanding disc. Apply light, even pressure and move the sander in overlapping circular motions across the surface.
- **Intermediate Sanding:** Progress to a finer grit sanding disc. Continue with light, even pressure to smooth out previous sanding marks.
- **Finishing:** For a very smooth finish, use a very fine grit sanding disc. Apply minimal pressure and move the sander slowly and consistently.

Always allow the sander to reach full speed before contacting the workpiece. Avoid excessive pressure, as this can reduce sanding efficiency and damage the workpiece or the tool.



A user operating the Bosch GEX 18V-125 Cordless Random Orbit Sander on a wooden surface, demonstrating its application in woodworking tasks.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sander.

### 6.1 Cleaning

- After each use, clean the tool, especially the ventilation slots, with a soft brush or compressed air.
- Wipe the exterior with a damp cloth. Do not use solvents or abrasive cleaners.

### 6.2 Dust Bag / Extraction System

- Empty the dust bag frequently to maintain effective dust collection and prevent clogging.
- If using an external dust extraction system, ensure the hoses and filters are clear and functioning correctly.

### 6.3 Sanding Pad Care

The hook-and-loop system on the sanding pad can wear over time. If sanding discs no longer adhere securely, the sanding pad may need replacement. Pad savers can be used to extend the life of the original sanding pad.

### 6.4 Battery Care

The Bosch Professional 18V System batteries feature COOLPACK technology for improved running time and service life. Store batteries in a cool, dry place away from direct sunlight. Do not expose batteries to extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your GEX 18V-125 sander, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Sander does not start	Battery not charged or improperly inserted	Ensure battery is fully charged and correctly inserted.
Poor sanding performance	Worn sanding disc, incorrect grit, or clogged dust bag	Replace sanding disc, use appropriate grit, or empty dust bag.
Excessive vibration	Improperly attached sanding disc or damaged sanding pad	Re-attach sanding disc correctly. Inspect and replace sanding pad if damaged.
Dust not collected effectively	Full dust bag or blocked extraction port	Empty dust bag. Clear any blockages in the dust extraction port or hose.

If the problem persists after attempting these solutions, please contact Bosch Professional customer service or an authorized service center.

## 8. SPECIFICATIONS

Technical data for the Bosch Professional GEX 18V-125 Cordless Random Orbit Sander:

- **Model:** GEX 18V-125
- **Part Number:** 0601372200
- **Voltage:** 18 Volts
- **Power Source:** Battery Powered (Lithium-Ion)
- **Sanding Disc Diameter:** 125 mm (4.92 inches)
- **Maximum Rotational Speed:** 10000 RPM
- **Item Weight:** 1.09 Kilograms (2.4 pounds)
- **Product Dimensions:** 8.82"L x 6.02"W x 4.25"H (224mm L x 153mm W x 108mm H)
- **Grit Type:** Medium (variable with sanding paper)
- **Material:** Metal



This image illustrates the physical dimensions of the GEX 18V-125 sander, showing its length, width, and height in millimeters for precise measurement.

## **9. WARRANTY AND SUPPORT**

For warranty information, service, or technical support regarding your Bosch Professional GEX 18V-125 Cordless Random Orbit Sander, please refer to the official Bosch Professional website or contact your local Bosch Professional dealer. The Bosch Professional 18V System ensures compatibility across a wide range of tools and batteries, including AMPShare partners, providing flexibility and long-term support for your professional needs.