

LEIYU 雷宇

PROFESSIONAL CORDLESS TOOLS

INSTRUCTION MANUAL

21 V cordless tools: drills, impact wrenches and drivers, angle grinders, circular saws and blowers



Read this manual before use and keep it for future reference.

Efficient and energy-saving. Choose LEIYU.

MANUFACTURER

Nantong Fengbao Electronics Technology Co., Ltd.

Lvsigang Industrial Park, Qidong, Jiangsu, China

Contents

This manual covers LEIYU 21 V cordless tools. Before first use, read the chapter for your tool and chapters 06 to 10 on operation, care and the battery.

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01

Cordless drills



Do not let familiarity with the product make you careless about the drill safety rules. Using a power tool unsafely or incorrectly can cause serious injury.

- 1 Wear ear protection when drilling. Noise can damage your hearing.
- 2 Use the auxiliary handle supplied with the tool. Loss of control can cause injury.
- 3 Hold the tool by its insulated gripping surfaces when the bit may touch hidden wiring or its own cable. Contact with a live wire can make exposed metal parts of the tool live and give the operator an electric shock.
- 4 Always keep firm footing. When working at height, make sure nobody is below.
- 5 Keep well clear of rotating parts.
- 6 Keep your hands away from rotating parts.
- 7 Never put the tool down while it is still turning. Run the tool only while you are holding it.
- 8 Do not touch the drill bit or the workpiece right after work. They can be very hot and burn your skin.
- 9 Some materials contain toxic chemicals. Do not breathe the dust and avoid skin contact. Follow the safety instructions of the material supplier.

02

Impact wrenches and drivers



Fitting and removing sockets and bits

- 1 Set the forward/reverse switch to the centre position so the tool cannot start by accident.
- 2 Impact wrench: push the socket fully onto the output shaft, all the way to the bottom. Pull the socket to remove it.
- 3 Impact driver: grip the front of the quick-release chuck and pull it forward, then insert the bit into the bit hole with the other hand.



Warning Do not use ordinary hand-tool sockets. Use only sockets made for impact wrenches: they are black and hardened and do not damage the fasteners. Ordinary sockets can break and cause injury. Before use, check that the socket has no cracks or other visible damage.

Fitting the battery



Caution Use only original LEIYU lithium-ion batteries whose voltage matches the voltage on the rating plate of the tool. Other batteries can cause injury and fire. A battery that does not suit this tool will not let it work properly and can damage it.

- 1 Set the forward/reverse switch to the centre position so the tool cannot start by accident.
- 2 Align the ribs on the battery with the grooves at the base of the tool and slide the battery onto the tool.



Caution Make sure the battery latch clicks into place and the battery is firmly seated before you start work.

03

Angle grinders



- 1 Before work, check the wheel carefully for cracks or other damage, and replace a cracked or damaged wheel at once. Tapped lightly with a wooden mallet, a sound wheel does not make a cracked sound.
- 2 Do not damage the spindle or the flanges, especially the faces that touch the wheel. Damaged parts can break the wheel.
- 3 Before switching on, make sure the wheel is not touching the workpiece.
- 4 Before working on a part, let the wheel run without load for one minute. Watch for vibration and wobble to confirm that the tool is assembled correctly and the wheel runs true and balanced.
- 5 Watch the sparks when grinding. Hold the tool so that the sparks fly away from you, other people and flammable materials.
- 6 Do not touch the workpiece right after grinding. It can be very hot and burn your skin.
- 7 Always wear safety goggles and ear protection while working.
- 8 Keep adjusting your position so that any cable stays behind the tool while you work.

04

Circular saws



- 1 Start the saw with it held clear of the workpiece: the tool can jerk when it starts. Hold it with both hands and do not rest your fingers on the switch. Keep the blade away from the workpiece so that it cannot touch it when the saw jerks on start-up.
- 2 After starting, let the saw run idle for a short time. Check that the blade runs normally without side-to-side wobble, that vibration is not excessive and that the noise is normal.

- 3 Mind the position of any cable during work so that it cannot be cut, which could cause an electric shock or a short circuit. Route the cable behind you and keep your body away from it.
- 4 When cutting, hold the main handle and the side handle firmly with both hands and keep your fingers away from the spinning blade. Keep a suitable distance between your body and the tool. Never use the saw above head height: the tool or the workpiece could fall. New blades are usually flat; when setting the cutting path, choose an angle of 5° to 20° as needed.
- 5 After starting, run the saw without load for a moment to check that the moving parts work freely. Feed the saw evenly and do not force it.



Caution Switch the tool off and remove the battery before fitting or removing a blade. Hold the outer flange with a spanner and loosen the hex bolt clockwise with a socket wrench, then remove the hex bolt, the outer flange and the blade. Fit the blade in the reverse order.

When fitting the blade, make sure that the arrow on the blade points the same way as the arrow on the blade guard, and tighten the hex bolt firmly.

05

Blowers



- 1 Wear safety goggles, head protection and a face mask when using the blower.
- 2 Never point the nozzle at anyone in the work area.
- 3 Warning: using the blower on wet surfaces can cause an electric shock. Do not expose the tool to rain and store it indoors.
- 4 Never block the air inlet or the air outlet.
 - When cleaning dusty areas, keep the inlet and the outlet clear. Do not fit tapered nozzles smaller than the original nozzle, and do not make new nozzles by attaching small-diameter hoses to the end of the nozzle.
 - Do not use the blower to inflate balloons, rubber boats or similar items. A higher motor speed can burst the fan and cause serious injury, and an overheated motor and control circuit can cause a fire.
- 5 Keep children, bystanders and pets away while you work.
- 6 Do not work near open windows.
- 7 Use the blower at reasonable hours, for example in the morning or the afternoon, so as not to disturb others.
- 8 Loosen debris with a rake or a broom before blowing.
- 9 In dusty conditions, lightly dampen dusty surfaces with a mister.
- 10 Use the long nozzle so that the air stream stays close to the ground.
- 11 Do not let young children or unsupervised people with reduced abilities use the blower.
- 12 Supervise young children so that they do not play with the blower.

06

Operation



Caution Always switch the tool off and remove the battery before adjusting or checking any function.

- 1 Switch the tool off before inserting or removing the battery.
- 2 To remove the battery, press the buttons on both sides of the battery and pull it out of the tool.
- 3 To insert the battery, align its front end with the opening of the battery mount and slide it in.
- 4 Push the battery all the way in until it clicks and locks. Otherwise it can fall out of the tool and injure you or others.
- 5 Do not force the battery in.
- 6 If the battery does not slide in smoothly, it may not be inserted correctly.
- 7 Before inserting the battery, check that the trigger moves freely and returns to OFF when released.
- 8 To start the tool, pull the trigger. The further you pull it, the faster the tool runs. Release the trigger to stop.
- 9 Wipe dust off the LED work light with a dry cloth. Do not scratch the lens, or the light will lose brightness.
- 10 The forward/reverse switch changes the direction of rotation. Press the lever from side A for clockwise rotation or from side B for counter-clockwise rotation. In the centre position the trigger is locked. Check the direction of rotation before work.
- 11 Change the direction only after the tool has stopped completely. Changing direction while it is still turning will damage the tool.
- 12 When the tool is not in use, set the forward/reverse lever to the centre position.

07

Maintenance and care



Caution Remove the battery from the tool before any maintenance or inspection.

- 1 Check the screws regularly and make sure they are tight. Loose screws can lead to serious accidents.
- 2 Check the charger cable regularly. If it is damaged, stop using the charger and contact your dealer.
- 3 Keep the ventilation slots clean and clear. Remove dust and oil regularly and do not let foreign objects get inside.
- 4 Have repairs done only through your dealer, with original LEIYU spare parts.
- 5 Cleaning: do not use solvents that can crack plastic parts. Use a soft cloth lightly dampened with soapy water.



Warning Do not let water get into the motor and never put the tool in water: this can damage the motor and cause an electric shock.

08

Battery pack safety



- 1 Before using the battery pack, read all instructions and the warning labels on the charger, the battery and the tool.
- 2 Do not take the battery pack apart.
- 3 If the run time becomes much shorter, stop using the battery at once. Otherwise it can overheat, catch fire or even explode.
- 4 If battery fluid gets into your eyes, rinse them with clean water at once and see a doctor. It can cause blindness.
- 5 Do not short-circuit the battery pack: (1) do not let any conductive object touch the battery terminals; (2) do not keep the battery pack in the same container as nails, coins or other metal objects; (3) keep the battery pack away from water and rain. A short circuit causes a large current, overheating, fire and even rupture.
- 6 Do not store tools and battery packs where the temperature can reach 50 °C (122 °F) or more.
- 7 Never burn a battery pack, even if it is badly damaged or completely discharged. It can explode in a fire.
- 8 Do not drop, shake or knock the battery.

09

Charging the battery



The battery is only partly charged on delivery. Charge it fully before using the tool for the first time. Charge at 0 to 40 °C. The charging time depends on the capacity of the battery; see the rating plate of the charger.

- 1 Use only the charger made for this battery.
- 2 Plug the charger into a mains socket.
- 3 Align the ribs on the battery with the slots on the charger.
- 4 Slide the battery onto the charger.
- 5 The charger checks the state of the battery.
- 6 When charging is complete, the green LED on the charger lights up.
- 7 A fully charged battery left on the charger is not overcharged.

10

Environmental protection

- 1 Old power tools and accessories contain valuable raw and synthetic materials that can be recycled.
- 2 Dust from grinding or cutting may contain harmful substances. Do not put it in household waste; take it to a special waste collection point.



Warning Dust produced during work may contain chemicals that cause cancer or are otherwise harmful, for example lead in paint, and arsenic and chromium from chemically treated timber. To reduce your exposure, work in a well-ventilated area and wear approved protective equipment.

Warranty

Keep this manual, the customer copy stamped by your dealer and the invoice.

Item	Warranty	Not covered
Battery pack	1 year from the date of purchase	Water damage, drop damage, opened or replaced housing, date code that cannot be read
Charger	1 year from the date of purchase	Water damage, drop damage, cut or broken cable, date code that cannot be read
Other parts of the tool	As agreed in the sales contract of your dealer	
Spare parts	LEIYU supplies spare parts by model: switches, chucks, guards and other common parts	

Conditions

- 1 Read this manual and the safety instructions before using the tool.
- 2 Normal wear of consumable parts and damage caused by the user are not covered.
- 3 Damage caused by use contrary to this manual, or by the user taking the tool apart or repairing it, is not covered.
- 4 To make a claim, contact your dealer and send photos or a video of the problem together with this card.



Battery not used for a long time: keep it at about half charge and top it up every 2 to 3 months. Recharged in time, a stored battery keeps the same service life as a new one.

To be completed by the dealer

Model: _____

Buyer: _____

Product: _____

Address: _____

Dealer: _____

Invoice date: _____

Dealer stamp



Customer copy

Please keep this copy



Valid only with the dealer stamp. Altered copies are invalid. A lost copy cannot be replaced.

Customer name:	Mobile phone:
Company:	
Model:	Serial number:
Purchase date:	Invoice number:
Dealer:	
Dealer address:	
Dealer phone:	

Dealer stamp

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Nantong Fengbao Electronics Technology Co., Ltd.
Lvzigang Industrial Park, Qidong, Jiangsu, China

leiyupowertools.com