

Metabo 600080500

Metabo PowerMaxx BS Basic 10.8V Cordless Screwdriver/Drill Instruction Manual

Model: 600080500

1. GENERAL SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

Work Area Safety

- Keep 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. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- 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

- Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Power Tool Use and Care

- Do not force the power tool. Use the correct power tool for your application.
- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.

Battery Tool Use and Care

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

2. SETUP AND ASSEMBLY

2.1 Unpacking

Carefully remove all components from the packaging. Verify that all items listed in the package contents are present and undamaged. The package includes: 1 Metabo PowerMaxx BS Basic cordless screwdriver, 2 Li-Power (10.8 V / 2.0 Ah) batteries, 1 LC 40 charger, 1 quick-release drill chuck, 1 belt hook, and 1 plastic case.

2.2 Battery Charging

The Metabo PowerMaxx BS Basic uses 10.8V Li-Ion batteries. Before first use, fully charge the battery pack. Use only the supplied Metabo LC 40 charger.

1. Connect the LC 40 charger to a suitable power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charger's indicator light will show the charging status. Refer to the charger's manual for specific light patterns.
4. Once fully charged, remove the battery pack from the charger.

Ultra-M technology ensures maximum battery performance and long service life.

2.3 Attaching and Detaching the Drill Chuck

The tool features a spindle with a hexagonal socket for direct bit insertion, allowing operation without the drill chuck for compact use. For drilling or larger bits, attach the quick-release drill chuck.

- **To attach the chuck:** Align the chuck with the spindle and screw it on clockwise until it is hand-tight.
- **To detach the chuck:** Hold the tool firmly and unscrew the chuck counter-clockwise.

2.4 Inserting Drill Bits or Screwdriver Bits



Image: Close-up of the tool's chuck and bit holder, showing the mechanism for inserting bits.

- **Using the hexagonal socket (without chuck):** Insert the screwdriver bit directly into the hexagonal socket on the spindle until it locks into place. Pull to ensure it is secure.

- **Using the quick-release drill chuck:** Open the chuck jaws by turning the front sleeve counter-clockwise. Insert the drill bit or screwdriver bit into the chuck. Turn the front sleeve clockwise to tighten the chuck jaws securely around the bit. Ensure the bit is centered and firmly gripped.



Image: The cordless screwdriver with a drill bit securely inserted into the quick-release chuck.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

To start the tool, press the trigger switch. The tool speed is variable depending on how far the trigger is pressed. To stop the tool, release the trigger switch.

3.2 Speed Selection

The Metabo PowerMaxx BS Basic features two speed settings for different applications:

- **Gear 1 (Low Speed):** Approximately 360 rpm. Ideal for high-torque applications such as driving large screws or drilling large diameter holes.
- **Gear 2 (High Speed):** Approximately 1400 rpm. Suitable for faster drilling with smaller bits and general screwdriving.

Use the gear selector switch, typically located on top of the tool, to switch between speeds. Ensure the tool is stopped before changing gears.

3.3 Torque Adjustment

The torque setting ring allows you to adjust the amount of torque applied, preventing overtightening of screws or damage to materials. The maximum torque for soft applications is 17 Nm, and for hard applications, it is 34 Nm.

1. Rotate the torque setting ring, located behind the chuck, to the desired setting. Lower numbers indicate lower torque for smaller screws or softer materials. Higher numbers provide more torque.
2. For drilling, set the ring to the drill symbol (usually the highest setting) to bypass the clutch and achieve maximum power.

3.4 Integrated Work Light

An integrated work light is located on the front of the tool, below the chuck. This light illuminates the work area when the trigger switch is pressed, providing optimal visibility in dimly lit spaces.

3.5 Drilling and Screwdriving



Image: A user operating the cordless screwdriver for a screwdriving task.

- **Screwdriving:** Select the appropriate torque setting and gear. Apply firm, steady pressure to the tool, keeping it aligned with the screw. Start slowly and increase speed as needed.
- **Drilling:** Select the drill mode (highest torque setting) and the appropriate gear. Hold the tool firmly and apply steady pressure. For best results, start with a pilot hole for larger drills or hard materials.



Image: The cordless screwdriver being used for assembly work inside a cabinet.

4. MAINTENANCE

4.1 Cleaning

- Always remove the battery pack before cleaning.
- Keep the ventilation openings of the tool clean to prevent overheating. Use a soft brush or compressed air to remove dust and debris.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

4.2 Battery Care and Storage

- Store battery packs in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50-70% capacity.
- Do not store battery packs with metal objects that could short the terminals.

4.3 General Inspection

- Regularly inspect the tool for any signs of damage, such as cracked housing, damaged cables, or loose parts.
- If any damage is found, do not use the tool. Contact authorized service personnel for repair.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly inserted.
Reduced power or performance	Battery charge is low. Incorrect gear or torque setting.	Recharge battery. Select appropriate gear and torque setting for the task.
Battery not charging	Charger not connected to power. Damaged battery or charger.	Check power connection. Inspect battery and charger for damage. Contact support if issues persist.
Chuck not holding bit securely	Chuck not tightened sufficiently. Damaged chuck.	Ensure chuck is tightened firmly. If damaged, replace chuck.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	600080500
Tool Type	Cordless Pistol Grip Drill/Screwdriver
Battery Voltage	10.8 V
Battery Capacity	2.0 Ah Li-Ion

Feature	Specification
No-Load Speed (1st Gear)	360 rpm
No-Load Speed (2nd Gear)	1400 rpm
Max. Torque (Soft)	17 Nm
Max. Torque (Hard)	34 Nm
Max. Drilling Diameter (Wood)	22 mm
Max. Drilling Diameter (Steel)	10 mm
Chuck Jaw Width	1 - 10 mm
Weight (with battery)	0.8 kg (800 g)
Integrated Work Light	Yes
Keyless Chuck	Yes
Spindle Thread	1/2"

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This Metabo PowerMaxx BS Basic cordless screwdriver comes with a 3-year warranty on the battery pack. Please retain your proof of purchase for warranty claims.

Spare parts for this product are available for a period of 1 year from the date of purchase.

7.2 Customer Support

For technical assistance, warranty claims, or to order spare parts, please contact your local Metabo service center or authorized dealer. Refer to the official Metabo website for contact details in your region.

When contacting support, please have your product model number (600080500) and serial number (if applicable) ready.