



MEEC TOOLS 011712 Oscillating Polishing Machine Instruction Manual

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SAFETY INSTRUCTIONS

WARNING

Read all warnings, safety instructions and other instructions. Failure to follow all the instructions and safety instructions can result in the risk of electric shock, fire and/or serious personal injury. Save these instructions and safety instructions for future reference.

WORKAREA

- Keep the work area clean and well lit. Dark and cluttered work areas increase the risk of accidents and injuries.
- Do not use power tools in explosive environments, such as in the vicinity of flammable liquids, gas or dust. Power tools produce sparks that can ignite dust and fumes.
- Keep children and onlookers at a safe distance when using power tools. You can lose control of the tool if you are distracted.

ELECTRICAL SAFETY

- The plug on the power tool must match the power point. Never modify the plug in any way. Never use an adapter with earthed power tools. Unmodified plugs and matching outlets reduce the risk of electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, cookers and refrigerators. There is an increased risk of electric shock if your body is earthed.
- Do not expose power tools to rain or moisture. There is a greater risk of electric shock if water gets into a power tool.
- Be careful with the power cord. Never use the power cord to carry or pull the tool, or to pull out the plug from

the power point. Keep the power cord away from heat, oil, sharp edges and moving parts. Damaged or tangled power cords increase the risk of electric shock.

- If using the tool outdoors, only use an extension cord approved for outdoor use. Cords intended for outdoor use reduce the risk of electric shock.
- If it is absolutely necessary to use power tools in damp conditions, use a mains connection protected by a residual current device (RCD). Using an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- Stay alert. Pay attention to what you are doing, and use your common sense when working with power tools. Never use power tools if you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when using a power tool can result in serious personal injury.
- Use personal safety equipment. Depending on the type of tool and how it is used, safety equipment such as dust masks, non-slip safety shoes, safety helmets and ear protection reduce the risk of personal injury.
- Avoid accidental starting. Make sure the power switch is in the OFF position before inserting the battery or lifting/carrying the tool. Carrying a power tool with your finger on the switch, or connecting a tool to the mains when the switch is in the ON position, increases the risk of accidents and injuries.
- Remove adjuster keys/spanners before switching on the power tool. Spanners or the like that are left in a rotating part of the tool can cause personal injury.
- Do not overreach. Always maintain a firm footing and good balance. This ensures better control over the power tool in unexpected situations.
- Wear suitable clothing. Do not wear loose-fitting clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose-fitting clothing, jewellery and long hair can get caught in moving parts.
- If dust extraction and dust collection equipment is available, this should be connected and used correctly. The use of such equipment can reduce the risk of dust-related problems.
- Do not allow the fact that you are used to working with similar tools cause you to become over-confident and to disregard the safety instructions for the tool. Remember that a fraction of a second of inattention or negligence can result in serious personal injury.

USING AND LOOKING AFTER POWER TOOLS

- Do not force the power tool. Use the correct power tool for the planned work. The tool does the job better and safer when used at the rate for which it was designed.
- Do not use the tool if it cannot be switched on and off with the power switch. Power tools that cannot be controlled with the power switch are dangerous and must be repaired.
- Pull out the plug and/or remove the battery before making any adjustments, changing accessories or putting the power tool away. These safety precautions reduce the risk of accidentally starting the power tool.
- Store power tools out of the reach of children when not in use. Never allow children, or anyone who is unfamiliar with the power tool and these instructions, to use the tool. Power tools are dangerous if used by inexperienced persons.
- Keep the power tool properly maintained. Check that moving parts are properly adjusted and do not jam, and that no parts are incorrectly fitted or damaged. Check for other factors that could affect

SERVICE

- The power tool must only be serviced by qualified personnel using identical spare parts. This will ensure that the power tool remains safe to use.
- Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers. (For battery operation only).

USING AND MAINTAINING BATTERY-POWERED TOOLS

- Charge the batteries only with the charger recommended by the manufacturer. The use of another charger can result in the risk of personal injury and fire.
- Only use batteries intended for the power tool. The use of other batteries can result in the risk of personal injury and fire.
- Do not allow batteries to come into contact with paper clips, coins, keys, nails, screws and other small metal objects that can result in short circuiting. Short circuiting the battery terminals can result in the risk of burn injuries or fire.
- Incorrect use can cause liquid to leak from the battery. Avoid touching this. Rinse with water after unintentional contact. Seek medical attention if you get battery fluid in your eyes. Leaking battery fluid can cause skin irritation or burn injuries.
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

SAFETY INSTRUCTIONS FOR BELT SANDERS AND UNIVERSAL SANDERS

- Hold power tool by insulated gripping surfaces, because the belt may contact its own cord. Cutting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

VIBRATION

- The vibration total value a_h of the handle with the highest emission and the uncertainty K shall be declared.

VIBRATION AND NOISE REDUCTION

- To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.
- Take the following points into account to minimise the vibration and noise exposure risks:
 - Only use the product as intended by its design and these instructions.
 - Ensure that the product is in good condition and well maintained.
 - Use correct attachments for the product and ensure they in good condition.
 - Keep tight grip on the handles/ gripping surface.

- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate). Plan your work schedule to spread any high vibration tool use across a longer period of time.

REDUCTION OF NOISE AND VIBRATIONS

- Plan the work so that exposure to heavy vibrations is spread over a longer period.
- To reduce noise and vibrations when in use, limit the time the product is used, and use low-power/vibration and noise mode and suitable safety equipment.
- Take the following precautions to minimise the risks of exposure to vibrations and/or noise: – Only use the tool in accordance with these instructions.
 - Check that the tool is in good condition.
 - Use accessories in good condition, and which are suitable for the purpose. Keep a firm grip on the handles/grips.
 - Maintain and lubricate the tool in accordance with these instructions.

DUST

- Dust produced during the work can be harmful to health, carcinogenic, flammable or explosive. Use a dust filter mask and suitable equipment for dust extraction/collection.
- The dust from some alloys can catch fire, or explode. Mixtures of materials increase the risk- keep the work area clean.

WARNING!

Fire risk. Dust in dust bags, vacuum cleaners or filters can self-ignite or be ignited by sparks, hot workpieces or other sources of heat, especially if it comes into contact with polyurethane, solvent-based paint and other chemicals. Make sure that the tool and/or workpiece do not overheat. Always empty the dust container before pausing the work.

SYMBOLS

Always wear ear protection.

The declared values for vibration and noise, which have been measured according to a standardised test method, can be used to compare different tools with each other and for a preliminary assessment of exposure. The measurement values have been determined in accordance with EN 62841-2-4:2014.

WARNING!

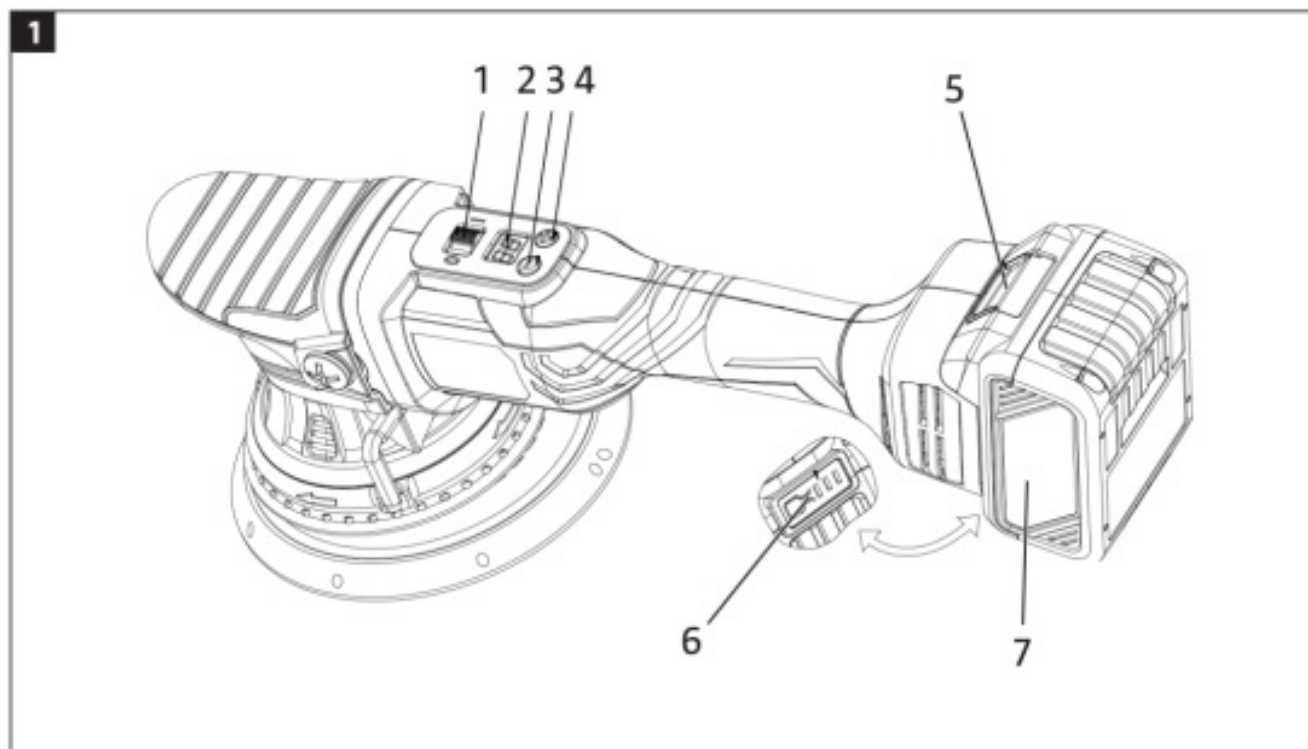
The actual vibration and noise level when using tools may differ from the specified maximum value, depending on how the tool is used and the material. It is therefore necessary to determine which safety precautions are required to protect the user, based on an estimate of exposure in actual operating conditions (taking into account all stages of the work cycle, e.g. the time when the tool is switched off and when it is idling, in addition to the start-up time).

DESCRIPTION

Battery powered polishing machine with oscillating movement pattern and a highly variable speed (2100-5000 rpm). The powerful motor is brush less and comes with overload protection. Thanks to the comfortable grip surfaces, you can work both ergonomically and safely.

1. Power switch
2. Display
3. Button to increase speed
4. Button to reduce speed
5. Charging status light
6. Battery lock
7. Battery

FIG. 1



MEEC MULTI-SERIES

The product is a part of the MeeC Multi-seriesa series of power tools and garden equipment that uses the same battery and charger.

USE

ACCESSORIES

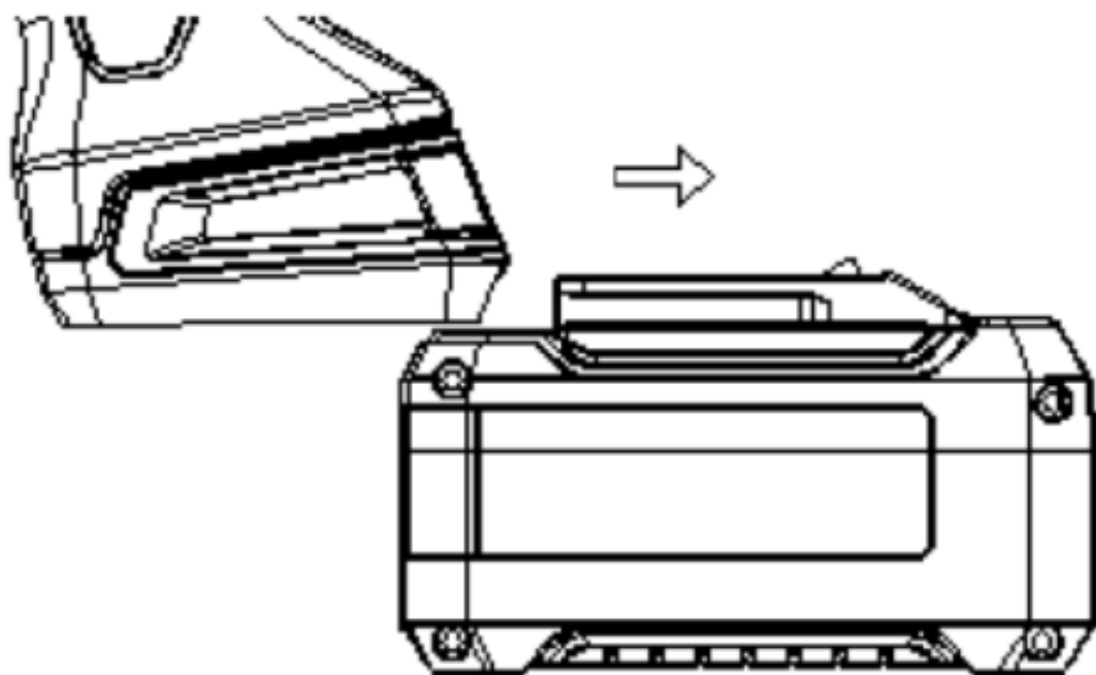
Battery, charger, polishing bonnets, polish, microfibre cloths, personal safety equipment and other accessories sold separately in Ju la's department stores and at www.jula.com.

BATTERY

Fit a fully charged battery as shown in the diagram

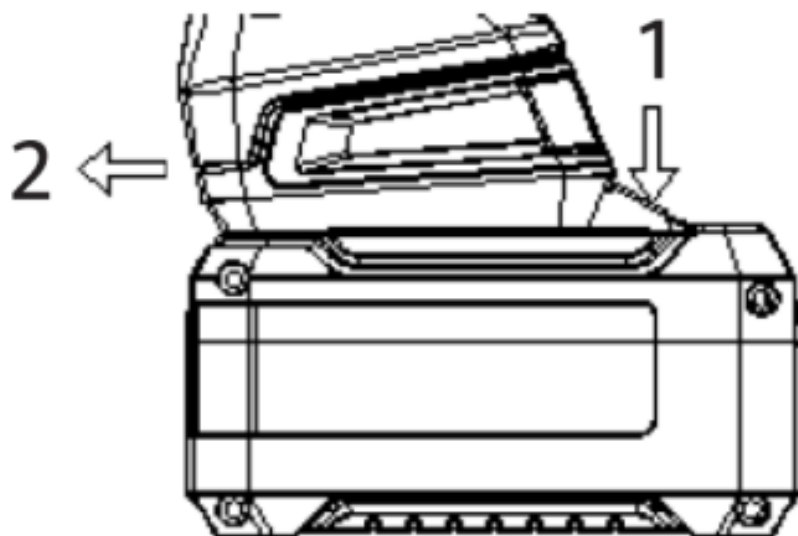
FIG.2

2



To remove the battery, press the lock (1) and release as shown in the diagram (2).

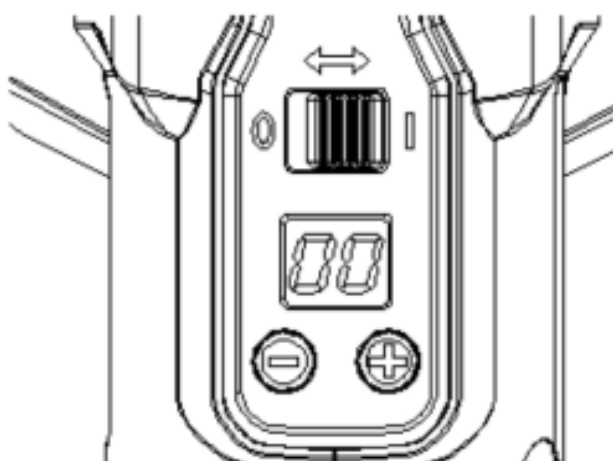
FIG.3

3

STARTING AND STOPPING

Set the switch in position I to start. The display shows 00. Set the switch in position O to switch off.

FIG. 4

4

ADJUSTING THE SPEED

Increasing the speed

Push the button to increase the speed (5) when the product is running. The set speed is shown on the display and

changes in the order of 20, 25, 30, 35, 40, 45, 48 each time the button is pressed. This corresponds to the speeds 2000, 2500, 3000, 3500, 4000, 4500 and 4800 rpm.

Reducing the speed

Push the button to reduce the speed (3) when the product is running. The set speed is shown on the display and changes in the order of 20, 25, 30, 35, 40, 45, 48 each time the button is pressed. This corresponds to the speeds 2000, 2500, 3000, 3500, 4000, 4500 and 4800 rpm.

Speed settings

A = Mode, B = Indication on display,
C = Actual speed (O = No rotation,
7 = max speed)

POLISHING AND WAXING

NOTE:

- **Make sure the surface to be polished is clean and dry.**
 - **Do not polish in direct sunlight.**
 - **Do not polish in low temperatures or high humidity, this can produce a mottled result.**
 - **Do not polish outdoors if it is windy; sand and other particles in the air can adhere to the paintwork and have an abrasive effect when polishing.**
 - **Mask edges if necessary to plastic and rubber parts that you do not want to come in contact with the polish.**
 - **Always switch off the machine before lifting it up from the surface being polished.**
 - **Do not press the machine, allow the inherent weight of the machine to do the job.**
 - **Note that sharp edges are worked more quickly and that the paintwork on these surfaces can be thinner.**
 - **Clean the bonnets at regular intervals and/or replace during the polishing. Expect to need 2-4 bonnets per car**
1. Apply five drops of polish the size of peas on the bonnet. Do not use too much polish, it does not do any good and will fasten in the bonnet and produce an inferior result.
 2. Place the bonnet on the surface to be polished and start the machine at low speed.
 3. Spread the polish over a small area (about 30 x 30 cm).
 4. Increase the speed and move the polisher slowly (about 4 cm/sec) backwards and forwards over the surface a few times. Apply a few drops of polish on the bonnet when it begins to be used up. Note that a new or newly washed bonnet sucks up more in the beginning. Remember to ALWAYS switch off the machine before lifting it up from the surface.
 5. Use a microfibre cloth to wipe off the polish and produce a bright surface. Check the results and continue on a new small area (about 30 x 30 cm).
 6. When the whole car has been polished the paintwork should be protected with wax. Apply a thin layer by hand, or with a clean and soft polishing wheel. Wait a few minutes and then wipe with a clean microfibre cloth. One tip is to remove residual polish with isopropanol or another deep-cleaning agent adapted for paintwork before applying the wax.
 7. Clean the bonnets and microfibre cloths and store the equipment in a dry, dustless place.



Documents / Resources

	<p>MEEC TOOLS 011712 Oscillating Polishing Machine [pdf] Instruction Manual 011712, Oscillating Polishing Machine</p>
	<p>MEEC TOOLS 011712 Oscillating Polishing Machine [pdf] Instruction Manual 011712, Oscillating Polishing Machine, 011712 Oscillating Polishing Machine</p>

References

- [Jula – products for home and garden](#)
- [Jula – Teraz nic Cię nie powstrzyma!](#)