

TECHNICAL SPECIFICATIONS

IMPORTANT SAFETY NOTES

PRODUCT CODE • MT4
RATED VOLTAGE / FREQUENCY • 230-240V / 50Hz
INPUT POWER • 180W / 1.6A
RUNNING GEAR • ALL METAL
NO LOAD SPEED • VARIABLE 15000-22000min ⁻¹
OSCILLATING ROTATION • 3°
ACCESSORY FITTING • CEL OIS
VIBRATION • K: 1.5m/s ² a: 5.87 m/s ²
WEIGHT • 1.14kg (2lb 8oz)

This product is sold in several configurations. Check the codes on the Rating Label on your product match those in this user manual. The Rating Label will show basic warnings and specifications. The images and descriptions in this user manual may differ from your product. For features or accessories not covered by this manual or if you are unsure about a feature or function contact your supplier or visit www.cel-global.com where you can find updated user manuals and compatible parts.

No person should use this product without first reading and understanding all documentation and warning labels and those from accessories and attachments used. Keep these instructions safe and provide them to all users. For use only as outlined in this document, any other use will be considered as misuse.

This product contains materials that should be recycled but can not be disposed of with regular household waste. For disposal options contact your local recycling centre, council offices or your place of purchase.



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Intended use of MT4
This product is intended for use with accessories specifically designed for this tool which provide the appropriate mechanism for sawing, cutting, grinding or sanding of wood, plastic, mortar, non-hardened metal and other similar materials. The offset of the Output Shaft and design of some blades allows cutting flush to surfaces.

General Safety Rules for Power Tools
Read all warnings and all instructions.
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tools plus compatible chargers and accessories.

1) Work area safety
a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
b) 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.
c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety
a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock. Always fully uncoil cables to avoid heat buildup.
b) 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.
c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges

and moving parts. Damaged or entangled cords increase the risk of electric shock.
e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock. Fully uncoil all cords in use to avoid heat buildup.
f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.
g) Voltage (V) and Frequency (Hz) on the rating plate of your tool must match the local power supply. Contact your supplier immediately if they do not match, do not try to plug the tool in or use it.
h) To avoid electric shock, fire or damage to the tool. Never allow screws or other metal objects to enter the vents on the tool. Do not store the tool with these items or where these items can fall into the tool.

3) Personal safety
a) 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. A moment of inattention while operating power tools may result in serious personal injury.
b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, and/or hearing protection used for appropriate conditions will reduce personal injuries. Be aware of dangerous conditions that can occur while working on certain materials. Take appropriate measures to reduce risk. For example; Oak and Beech can give off harmful dust. Use dust extraction and respiratory protection along with other safety precautions.
c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
Loose clothes, jewellery or long hair can be caught in moving parts.
g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
4) Power tool use and care
a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
c) Disconnect the plug from the power source and/or 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.
d) 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. Power tools are dangerous in the hands of untrained users.
e) Maintain power tools. 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. Many accidents are caused by poorly maintained power tools.
f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Service
Have your power tool serviced by a qualified and approved repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Additional Safety Warnings for Cutting, Grinding and Sanding Tools
• Check the work area for any protruding nails, screw heads or anything that could damage or obstruct the accessory.
• Do not force the tool, let the tool and fitted accessory do the work.
• Do not try and cut a curve with a tool and accessory not designed for this purpose. Undue pressure on the blade may cause it to snap or jam.
• Never use the saw near flammable liquids or gases.
• Allow the tool to stop completely before removing it from the workpiece or removing cuttings or debris from around the blade.
• Keep hands away from cutting area and blade.
• Do not reach underneath the workpiece.
• If you are interrupted when operating the saw, complete the process and switch off before looking up.
• Always hold the saw on parts that are insulated. If you accidentally cut into hidden wiring or the saw's own cable, the metal parts of the saw will become "live".
• Vibration over long periods can lead to RSI (Repetitive Strain Injury) and a condition known as HAVS (Hand-Arm Vibration Syndrome) or White Finger. To avoid injury take regular breaks and never operate the tool continuously for more than 20 minutes. Do not use this tool if you have a history of medical problems that relate to this type of injury or if you are unwell or have any discomfort.
• Heat buildup on accessories. A rotating blade will clear swarf and saw dust from the cut, the oscillating action of this tool DOES NOT clear the debris. Constant friction on one spot can cause extreme heat and even fire. Do not touch a blade until it has cooled, reduce heat from friction and build up of debris by moving the accessory constantly to clear debris and dissipate heat.
• Don't use excessive pressure, cutting blades work better at their own pace, sawing, sanding and grinding tools will clog if pressed too hard. The risk of slipping and causing harm is reduced when using a controlled, even pressure. Keep grinding and sanding pads clear of debris buildup with a wire brush.

If you experience any problems with the product please contact your supplier or find your regional office via the website: www.cel-global.com

Guarantee
Normal wear and tear, including accessory wear, is not covered under guarantee. Following successful registration, the product is guaranteed for domestic use against manufacturing faults for a period of 24 months. Proper care is required to maintain this product in working condition. This product is not guaranteed for hire purposes. If you have any questions, please contact us.

Declaration of Conformity
We declare under our sole responsibility that the products described in "Technical Specifications" is in conformity with the following standards or standardisation documents:
GS INTERTEK
EN55-14-1200/A1: 2009/A2:2011
EN5014-2-1997/A1: 2001/A2:2008
EN5000-3-2:2005/A1: 2009/A2: 2009
EN5000-3-3:2008
EN50745-1:2009/A11:10
EN50745-2:4:2009/A11:11
EMC DIRECTIVE 2004/108/EC
ETL INTERTEK
Hand Held Motor-operated Electric Tools
UL60745-1, 4th Ed., rev. March 15, 2011, CAN/CSA C22.2
No 60745-1-07, 3rd Ed., rev. March 15, 2011
Particular Requirements for Sanders and Polishers Other Than Disk-Type
UL60745-2-4, 2nd Ed., rev. January 23, 2009, CAN/CSA C22.2
No 60745-2-4-04, 2nd Ed., rev. March 13, 2009

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Technical file can be provided by:
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19 Lam Lok Street, Kowloon Bay, Hong Kong

WARNING SYMBOLS

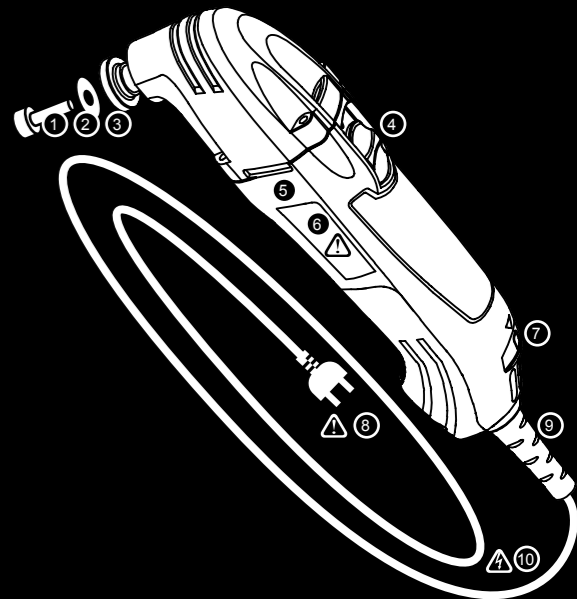
- GENERAL HAZARD
- READ INSTRUCTIONS
- PROTECT VISION, HEARING, RESPIRATION
- FLYING DEBRIS
- BE AWARE OF OTHERS
- KEEP DRY
- PROTECT FROM OVERHEATING
- WEAR APPROPRIATE CLOTHING
- SHARP BLADES
- RISK OF SHOCK IF ABUSED

Users must read and understand all warnings and documentation relevant to attachments, accessories and materials used. If absent, replacement user manuals can be found via www.cel-global.com

MT4 Oscillating Multi-tool

- Locking Bolt - M6 Thread ①
- Locking Washer ②
- Output Shaft - Fits CEL OIS accessories ③
- On/Off Switch - Keep clear of debris ④
- Motor Vents - Do not block ⑤
- Rating Label - "V" and "Hz" must match local supply! ⑥
- Variable Speed Control - Rotates ⑦
- Plug - must match local supply! ⑧
- Cable Flex ⑨
- Cable - check condition before use ⑩

User Manual MT4 Oscillating Multi-tool



230-240V CEL

PREPARATION

Read and understand all safety warnings and all instructions before operating this product.




Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

WARNING! For AC tools and devices; check that input voltages on the rating plates and the plug types match your local mains supply. If different, contact your supplier immediately and follow their advice. Do not modify the charger or plug in any way.


Prepare your tools and work piece

1. Select the appropriate accessory for your work.
2. Secure your work so it is safe and accessible. Carefully mark areas to be cut or aligned.
3. Fit an appropriate accessory to your tool as described in the following sections. Check it is properly seated on the output shaft and secured.
4. Check that the On/Off switch is in the off position and then connect the tool to a safe and suitable power outlet. Ensure the moving parts are free to turn or move without doing any harm and run the tool briefly to test the alignment of the accessory. Adjust and retest as required.

To start the tool

The switch is marked with symbols to show OFF  and ON . Slide the switch forward to the  position to start the tool.

To stop the tool

Slide the switch toward the rear of the tool to the  position to stop the tool. Disconnect the power supply when changing the accessory, making adjustments to the tool or cleaning debris from it or a fitted accessory. Always turn the tool off at the switch before disconnecting the power supply.

WARNING!


Sharp blades, heat buildup, harmful dust and flying debris are a danger to user and bystanders. Use of suitable protective clothing, gloves, footwear, lung, eye and ear protection as well as safe working practices can reduce these risks. Always switch a tool off prior to any adjustment or when fitting or removing a battery.

If the tool is hot, damaged or emitting smoke or strong smells it should not be used. Contact your seller or CEL to replace faulty items.

MT4 Oscillating Multi-tool

CONTROLS

Fit or remove a blade

 Remove all power supply before doing any maintenance or cleaning.

Using the Included 5mm HEX key, loosen and remove the Locking Screw and washer. Choose an appropriate blade and place it on the Output Shaft so that all the lugs on the tool protrude through the holes on the attachment. Hold the attachment in place while fitting and securing the Locking Washer and Screw, tighten firmly with the 5mm HEX.

Some attachments have an offset to allow flush cutting, these blades should be fitted as in the image on the right so the Locking Screw does not protrude. It is possible to fit the blade so it points in nearly any direction for difficult to reach areas.

If blades are urgently needed, many brands of blade will fit the MT4 but no other brand has the same range or quality as CEL OIS. Look to the packs for the best value or buy individually if you use a particular blade a lot.

1. Accessory onto Output Shaft
2. Locking Washer
3. Locking Screw
4. Tighten firmly with 5mm HEX Key

Use accessories with the CEL OIS fitting for the best result

Ensure the accessory is seated before tightening the Locking Bolt

Hold the tool firmly near the front to increase control and cutting efficiency by reducing the vibration of the tool.

Power Switch
- Slide forward to start,
Slide back to stop

Variable Speed
- Rotate
Use fast speeds for cutting,
slow for sanding

Cutting blades
Larger teeth remove more material and give a rough finish, other factors such as the angle of the cutting face greatly effect the rate of cut and the resulting finish. Soft metals such as aluminium and copper can usually be cut with a blade designed for wood. Harder


metals require a specialised blade profile and generally have a "Wavy Set". Wood blades are typically thinner than metal blades.

Alternate - Alternating tooth set, common in wood cutting blades for fast, smooth cuts.

Wavy - Groups of teeth set to either side, common in metal cutting blades. Good for pipes and thin wall metals.

Grinding blades

Blades and accessories used for grinding will generally have a grit attached to their surface or edge. Diamond Grit is a very hard wearing material and good for removing grout and mortar with a lot of sand in it, in some cases it can be used for cutting into ceramics. Carbide Grit is a very hard material that will grind away concrete or brick and still be useful afterwards. Clean these blades by soaking in water or a suitable cleaning solution then brushing with a wire brush.

Always check the Voltage (V) and Frequency (Hz) on the rating label match your local supply before connecting the tool to any power supply. 

ACCESSORIES

Sanding

Common grits are 40, 80, 120, 180, 220, 300. Lower numbers indicate a coarser grit for faster material removal. It is advised to skip grits as you work your way toward a smooth finish. eg Start with 80, skip to 180 then 300. Most of your time should be spent using the coarse grit. If the sanding sheet is damaged or worn out, do not use it. Damage to the sanding pad is not covered by the warranty. The supplied sheets are for sanding wood, select sheets designed for your application.

OPERATION TIPS



READ ALL INSTRUCTIONS

- Mark your work carefully, allow for the thickness "kerf" of the blade in your measurements.
- Secure your work in such away that the blade does not cause it to shake or vibrate and so that the blade is not pinched as the work is cut. By securing the work the blade will cut faster and the cut will be more controlled. This will reduce the risks of kickback and items moving or dropping unexpectedly.
- Hold the tool firmly, any vibration of the tool or workpiece is lost cutting efficiency and speed.
- When cutting with the MT4 Oscillating Multi-tool, use a constant side to side motion. This allows the cuttings to clear the blade teeth, spreads wear and distributes heat across the whole blade.
- When cutting or sanding with the MT4 take care not to press too hard, this will reduce the lifetime of the accessory and results in uneven wear and reduced tool life time. Cuts and bruising to hands and limbs due to a slip from pressing too hard is a very common injury when using tools.



CARE AND ENVIRONMENT

General inspection

Regularly check that all the fixing screws are present and tight, they may vibrate loose over time.

Keep the device's air vents unclogged and clean at all times. Remove dust and dirt regularly, before it can build up. Cleaning is best done with compressed air or a rag.

CAUTION! Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the device.

After each use, unplug and carefully clean the tool and accessories with a brush or rag.

Clear any debris from around moving parts and clips.

Replacing the fuse

Country specific models may use a fuse suitable for the specific requirements of that region. The plug shows the type of fuse required, open and replace only after removing from any live electrical outlet. Replace with the same fuse as fitted or with a lower Amp (A) rating.

Check the cable for damage

The cord should be free from kinks, cuts and sharp debris. Check the condition of the cable before each use by unplugging it and coiling into large loops while checking the full length of the cable. If there is any damage have it repaired before use.

Storage

Store all tools, instruction manuals and accessories in a secure, dry place. In this way you will always have all the information and parts ready to hand.

Environment

When the time comes to dispose of this product please consider the environment and take it to a recognised recycling facility instead of disposing with general household waste.

Contact your local council, civic amenity site, or recycling centre for information on the recycling and disposal of electrical products. If you do not have access to suitable disposal facilities in your area please contact your place of purchase, they will advise you on the best way to dispose of your product.

Maintenance

All electrical parts should be regularly serviced by an approved engineer.

