

*10.8v Li-ion
Cordless Multi2PRO*

User Manual

Ion

CEL™

THANK YOU

Thank you for investing in a CEL product. The 10.8v Li-Ion Cordless Multi2PRO has been engineered and made to demanding high quality standards; ease of operation and safety have taken a major role in development. Proper care of your product will give you years of trouble-free use.

Normal wear and tear, including accessory wear, is not covered under guarantee. The product is guaranteed for **domestic use** against manufacturing faults for a period of 12 months (for additional guarantee period (if any) please refer to the store or agent from which you purchased the product or contact the nearest authorized dealer). This product is not guaranteed for HIRE purposes.

If you have any questions, please contact us at:

sales@cel-global.com

It is possible to download updated user manuals, view demonstration videos and find information about new products at: **www.cel-global.com**

Warning: User must read and understand the user manual before using the product to reduce the risk of injury. Failure to follow all instructions may result in electric shock, fire and/or serious personal injury. The product must be used only for its prescribed purpose. Any use other than those mentioned in this manual will be considered a case of misuse. The manufacturer shall NOT be liable for any damage or injury resulting from such uses of misuse, use of force, partially or completely dismantled appliances.



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OPERATION

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CARE

Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



General
Hazard



Read
Instructions



Keep Dry



Protect
Eyes, Ears,
Lungs



Keep
Bystanders
Away



Flying
Debris



Sharp
Blades

General Power Tool Safety



WARNING Read all safety 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 battery-operated (cordless) power tool.

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.

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.
- b) Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
- c) Don't 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 to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of cord suitable for outdoor use reduces the risk of electric shock.

Personal safety

- a) Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while 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 safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions will reduce personal injuries.
- c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d) Remove adjusting key or wrench before turning the tool on. A wrench or a key left attached to a rotating part of the 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. Loosen clothes, jewellery or long hair can be caught in moving parts.
- g) If device are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.

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.

Battery use and care

- a) 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.
- a) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- c) 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.
- d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Service

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

Machine-specific Safety Warnings

- ~ Use the machine only for dry sanding. Penetration of water into the machine increases the risk of an electric shock.
- ~ Keep hands away from the sawing range.
- Do not reach under the workpiece. Contact with the saw blade can lead to injuries.
- ~ Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance. Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage or may cause an electric shock.
- ~ When working with the machine, always hold it firmly with both hands and provide for a secure stance. The power tool is guided more securely with both hands.
- ~ Secure the workpiece. A workpiece clamped with clamping devices or in a vice is held more securely than by hand.
- ~ Keep your workplace clean. Blends of materials are particularly dangerous. Dust from light alloys can burn or explode.
- ~ Avoid unintentional switching on. Ensure the On/Off switch is in the off position before inserting battery pack. Carrying the power tool with your finger on the On/Off switch or inserting the battery pack into power tools that have the switch on invites accidents.
- ~ Do not open the battery. Danger of short-circuiting.
- Protect the battery against heat, e.g., ~ also against continuous sun irradiation and fire. There is danger of explosion.
- ~ In case of damage and improper use of the battery, vapours may be emitted. Provide for fresh air and seek medical help in case of complaints. The vapours can irritate the respiratory system.
- ~ When the battery is defective, liquid can escape and come into contact with adjacent components. Check any parts concerned. Clean such parts or replace them, if required.
- ~ Use the battery only in conjunction with your Cel power tool. This measure alone protects the battery against dangerous overload.
- ~ Wear protective gloves when changing application tools/accessories. Application tools/accessories become hot after prolonged usage.
- ~ Do not scrape wetted materials (e. g. wall-paper) or on moist surfaces. Penetration of water into the machine increases the risk of an electric shock.
- ~ Do not treat the surface to be worked with solvent-containing fluids. Materials being warmed up by the scraping can cause toxic vapours to develop.
- ~ Exercise extreme caution when handling the scraper. The accessory is very sharp; danger of injury.

**Always wear equipment to protect vision, hearing and lungs and suitable clothing and footwear.
Long periods of use can be harmful, take regular breaks.**



- ❶ Charger Unit
- ❷ Hex Key
- ❸ Locking Bolt
- ❹ Blade Adaptor Washer
- ❺ Locking Washer
- ❻ Universal Saw MT1-AC11
- ❼ Scraper MT1-AC14
- ❽ Sanding Pad MT1-AC09
- ❾ 3x Sanding Sheets
- ❿ Li-Ion Battery
- ⓫ MT1 Multi2PRO
- ⓬ This User Manual

Read all safety warnings and all instructions.

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

Intended Use

The machine is intended for sawing and cutting -using the specified accessories- wooden materials, plastic, gypsum, non-ferrous metals and fastening elements (e.g. nails, staples). It is also suitable for working soft wall tiles as well as for dry sanding and scraping of small surfaces. It is especially suitable for working close to edges and for flush cutting.

NOTE

Due to modern mass production techniques, it is unlikely that your power tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal Injury.

Note: The battery is supplied partially charged. To ensure full capacity of the battery, completely charge the battery in the battery charger before first use.

The Li-ion battery is protected against deep discharging by the "Electronic Cell Protection (ECP)". When the battery is empty, the machine is switched off by means of a protective circuit.

If the machine should automatically switch off. Allow the battery to cool then charge it before restarting the machine. Otherwise the battery can become damaged.

WARNING, Do not throw used batteries into fire or water, It could cause an explosion !

WARNING, Do not use an extension cord.

WARNING. Charge indoors only.

Please dispose of batteries at your local battery disposal depot.



Charging

5.0

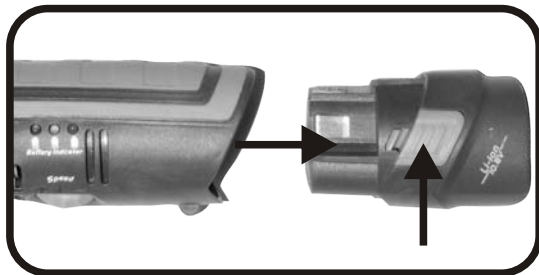
Inserting the Battery

Insert the charged battery into the handle until it can be felt to engage and sits flush against the handle.

Removing the Battery

To remove the battery, press the unlocking buttons and pull the battery out of the machine to the rear. Do not exert any force.

WARNING Use only the battery charger supplied with this tool or an identical replacement. Use only original Cel lithium ion batteries with the voltage listed on the nameplate of your power tool. Other batteries or chargers can cause damage or injury.



Battery charge indicator

GREEN	YELLOW	RED
FULL	HALF	EMPTY

Only use supplied battery and charger or identical replacements.



1. Place the charger in a safe position away from moisture, heat or any hazard to the charger or other danger.
2. Connect to suitable power outlet and switch on.
3. Turn the battery so the rails slide smoothly into place on the charger.

Two solid GREEN LED's show mains connection.

One solid GREEN & one solid RED LED, shows fast charging.

When two GREEN LED show again battery is charged.

Two fast flashing GREEN LED show, there is a charging problem.

CHARGER LIGHTS INDICATOR

POWER ON GREEN+GREEN

CHARGING GREEN+RED

CHARGED GREEN+GREEN

ERROR FLASHING GREEN

The lithium ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

The battery circuitry will allow charging only within a temperature range of 0 °C to 45 °C. It is normal for the battery charger to hum and be warm but not hot during operation.

Unplug the charger when not in use and store it in a dry, secure place. Always remove the battery Pack and store it in a dry, secure place when the trimmer is not in use.

Always charge the battery before storage this prevents excessive discharge which can damage the battery.

Never leave the battery on the charger longer than 24 hours due to fire risk.



Sharp blades, heat buildup and flying debris are a danger to user and bystanders. Use of suitable protective clothing, gloves, footwear, eye and ear protection as well as safe working practices can reduce these risks.



Dusts from materials such as lead-containing coatings, some wood types, minerals and metal can be harmful to one's health. Touching or breathing-in the dusts can cause allergic reactions and/or lead to respiratory infections of the user or bystanders.

Certain dusts, such as oak or beech dust, are considered as carcinogenic, especially in connection with wood-treatment additives (chromate, wood preservative).

Materials containing asbestos may only be worked by specialists.

- Use dust extraction whenever possible.
- Provide for good ventilation of the working place.
- It is recommended to wear a P2 filter class respirator.

Observe the relevant regulations in your country for the materials to be worked

Do not cover the venting slots of the machine while working, as this reduces the working life of the machine.

Friction from the tool can cause the accessories to become hot, this can be reduced by moving the blade around on the workpiece. This also helps to clear swarf buildup.

This tool vibrates at very high frequency. Regular breaks must be taken to reduce the chance of injury. At the first sign of discomfort work should immediately cease.

If required, remove an already mounted application tool/accessory. Loosen the screw with the hex key and remove the tool/accessory. Be sure to clear any debris.

Mount the suitable tool/accessory in such a manner on the tool holder that the offset faces downward. Turn the tool/accessory to a position favourable for the respective job, and allow it to engage into the cams of the tool holder. 12 different positions are possible, each offset by 30°. Fasten the tool/accessory with Locking Bolt and Washer. Tighten the bolt with Hex key until the washer and bolt are flush with the tool/accessory and firmly fixed.



The sanding plates are fitted with Velcro backing for quick and easy fastening of sanding sheets with Velcro adhesion.



Before attaching the sanding sheet, free the Velcro backing of the sanding plate by tapping to enable optimum adhesion. Position the sanding sheet flush alongside one edge of the sanding plate, then lay the sanding sheet onto the sanding plate and press firmly.

To remove the sanding sheet, grasp it at one of the tips and pull it off from the sanding plate.




Check the tight seating of the tool/accessory while fitting and regularly while working there is a risk they can come loose during operation and be damaged or hazardous .






Rasp

	Carbide Rasp Finger	Coarse grinding or rasping, aggressive material removal in small, tight areas.	MT1-AC03
	Triangular Carbide Rasp	Coarse grinding or rasping, aggressive material removal over larger areas.	MT1-AC04

Scrape

	Stainless Steel Scraper	Removing old vinyl, wood or other floor coverings, paint and coatings, residues and separating laminated layers, cuts carpet.	MT1-AC14
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Sand & Polish

	Sanding Pad	Holds sanding sheet for detailed sanding in small areas and corners.	MT1-AC09
	Sanding Pack	Universal sanding applications. Fits MT1-AC09 80, 120, 180G 6PCS of each	MT1-AC10
	Sanding Finger Pad	Holds sanding sheets for detailed sanding in very small areas and corners. Thinner so it reaches into small openings.	MT1-AC06
	Sanding Finger Sheet	Universal sanding applications. Fits MT1-AC07 40, 80, 120, 180, 220G 6 pcs each	MT1-AC07
	Polishing Pad	Soft felt buffing and polishing pad	MT1-AC16

Saw

Carbide Grit
Semicircle Saw
Blade 2 1/2"

Removing grout, cutting and shaping plaster, porous concrete and masonry. Flat on one side so you can cut into corners and flush against adjoining surfaces.

MT1-AC01



Diamond-Coated
Semicircle Saw
Blade 2 1/2"

Removing grout, cutting and shaping plaster, porous concrete and masonry. Scoring and cutting for a precise fit. Flat on one side so you can cut into corners and flush against adjoining surfaces.

MT1-AC02



35mm (1 3/8")
End Cut

Plunge cutting up to 1-5/8" depth. Hardened teeth will cut non-ferrous metals.

MT1-AC12



35mm (1 3/8")
Universal End Cut

Plunge cutting up to 1-5/8" depth. Hardened teeth will cut ferrous metals.(wood, plastic etc)

MT1-AC11



10mm End Cut

Plunge cutting up to 30mm depth. Hardened teeth will cut non-ferrous metals.

MT1-AC15



3 1/8" Segment
Saw Blade

Linear and Plunge cutting. Flat on one side so you can cut into corners and flush against adjoining surfaces.

MT1-AC13

More tools and uses are available at www.cel-global.com
Please let us know if you have any ideas or new uses for the Multi2PRO

Switching On and Off

To start the machine, push the On/Off switch forward so that "ON" is indicated on the switch.

To switch off the machine, push the On/Off switch toward the rear so that the "OFF" is indicated on the switch.

Selecting the rate of oscillation
Use the thumbwheel to select the rate of oscillation.

The required rate of oscillation depends on the material and the working conditions and can be determined through practical testing.



Sawing

~ Use undamaged faultless saw blades only.

Deformed, blunt saw blades or saw blades that are otherwise damaged can break or shatter.

~ When sawing light building materials, observe the statutory provisions and the recommendations of the material suppliers.

~ Plunge cuts may only be applied to soft materials, such as wood, gypsum plaster boards, etc.

ON

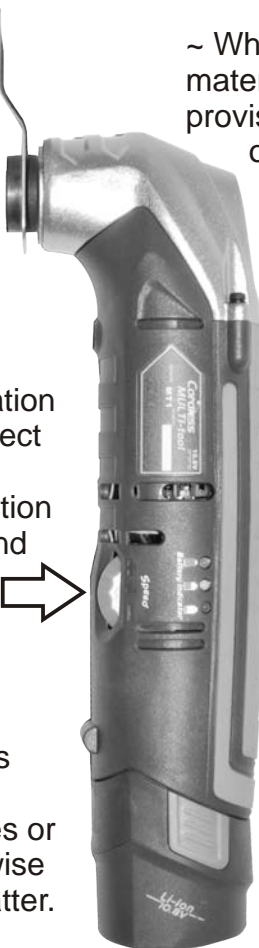


OFF

Before sawing with MT1-AC12 saw blades in wood, particle board, building materials, etc., check these for foreign objects such as nails, screws, or similar. If required, remove foreign objects or use MT1-AC11 saw blades.

Separating

Note: When separating wall tiles take into consideration that the application tools/accessories wear heavily when used for longer periods of time.



Sanding

The removal rate and the sanding pattern are primarily determined by the choice of sanding sheet, the preset oscillation rate and the applied pressure.

Flawless sanding sheets achieve the best sanding capacity and extend the service life of the machine.

Try to apply uniform sanding pressure; this increases the working life of the sanding sheets.

Additional pressure does not lead to an increased sanding capacity, only increased wear of the machine and the sanding sheet.

For precise on-the-spot sanding of edges, corners and hard to reach areas, it is also possible to work only with the tip or an edge of the sanding plate.

When selectively sanding on the spot, the sanding sheet can heat up considerably. Reduce the oscillation rate and allow the sanding sheet to cool down regularly.

A sanding sheet that has been used for metal should not be used for other materials.

Use only original **CEL** sanding accessories.

Scraping

For scraping, select a high oscillation rate. Work on a soft surface (e.g. wood) at a flat angle, and apply only light pressure. Otherwise the scraper can cut into the surface.

Sharp blades, heat buildup and flying debris are a danger to user and bystanders. Use of suitable protective clothing, gloves, footwear, eye and ear protection as well as safe working practices can reduce these risks.



Overload Protection

When the unit is overloaded (e.g.: the product is working too hard or the blade is jammed) the current will increase rapidly, this triggers the auto cut-off, indicated by a RED flashing LED. To reset, slide the power switch to the “OFF” position and restart again after re-adjusting to a proper cutting pressure/angle as well as choosing a higher torque setting.

Low Voltage Protection

When the discharging current is too high or the remaining battery voltage is not enough to drive the machine, the power supply stop automatically and the LED lights will go out. To reset, slide the power switch to “OFF” position and restart.

Note: If this happens frequently the battery capacity is low, please recharge your battery.

Maintenance

10.0

WARNING, Switch off and remove the battery before carrying out any maintenance on the tool.

General inspection

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

Dust

Keep the tool's air vents unclogged and clean at all times.

Remove dust and dirt regularly.

Cleaning is best done with compressed air or a rag.

Never use caustic agents to clean plastic parts.

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 tool.

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

Never store the tool with a flat battery.

The battery should ideally be stored between 10°C and 24°C (50°F) and (75°F).

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.

The trimmer uses a Lithium Ion (Li-Ion) battery which must be disposed of properly.

Call your local council, civic amenity site, or recycling centre for information on the recycling and disposal of electrical products and Lithium Ion (Li-Ion) batteries.



Do I need to fully discharge the battery before recharging it?

No the Li-Ion system has no memory effect so you can charge it at any time. The charge will be retained in storage for much longer than older battery technology.

My battery is not charging, what's wrong?

Check to make sure the electrical outlet is "live " and that the air surrounding the battery and charger is between 10°C and 24°C (50°F) and (75°F). Make sure the battery is correctly fitted.

In case of excessive loading or when exceeding the allowable battery temperature range of 0-70 °C, the speed is reduced or the machine switches off. In case of reduced speed, the machine will not run at full speed until after reaching the allowable battery temperature again. In case of automatic shut-off, switch the machine off, allow the battery to cool down and then switch the machine on again.

Why does my Multi2PRO stop sometimes?

See above.

If the blade jams the tool will switch off to protect the circuits within. Turn off, wait, then turn on again.

The Multi2PRO wont start, what's wrong?

- a) Clean as described in the maintenance section.
- b) Check the battery is charged and properly fitted, also make sure the switch and speed control are working and being operated correctly.

Why cant I cut/sand as well as demonstrated?

Grip the tool firmly, the oscillations can be absorbed by your arm and wrist reducing the effective cut.

Make sure the cutting tool is in good condition and the battery is charged.

Don't press the tool too hard, let the accessory do the work.

Keep moving the blade around in the cut to clear swarf as this will hinder the cut and cause heat buildup.

Where should I keep my Multi2PRO?

In a dry place at a stable temperature between 10°C and 24°C (50°F and 75°F). Charge and remove the battery before storage.

What should I do if my Multi2PRO gets wet?

Dry fully for several days in a warm but not hot place before trying to charge or use.

How can I get my Multi2PRO repaired if it is damaged?

Contact your retailer.

Where do I find my serial number?

On the left hand side of the body.

Where can I get replacement parts, advice or help?

Ask at your retailer or visit www.cel-global.com

How long is the warranty and what is covered?

Please see inside cover

Unit operating time cycle with full battery	- 25 minutes with no load
Oscillating speed	- 5000 - 19000rpm
Oscillation angle	- 3.2°
Sound Pressure Level (dB(A))	- 86dB
Battery operating voltage	- 10.8V DC (3 cells)
Battery makeup	- Lithium Ion (Li-ion) 1300mAh
Charging period for fully discharged battery	- Approx. 60 mins
Charger Input	- 100-240vAC 50/60Hz
Charger Output	- 10.8V DC 1.8A
Dimensions	- 353x266x95mm
	- approx (14x10x4")
Weight	- 0.88Kg (1.9lbs) (not including charger)
Product Code	- MT1

If you experience any problems with the product please contact

email: sales@cel-global.com

phone UK: +44 (0) 8453 88 97 69

www.cel-global.com



**GENERAL HAZARD
SAFETY ALERT**



**BEWARE OF FLYING
OBJECTS AND DEBRIS**



READ INSTRUCTION MANUAL



KEEP BYSTANDERS AWAY





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