# TECHNICAL SPECIFICATIONS

Product Code • CA04
CD03 Charger Input • 110V~240V AC 50/60Hz 65W
CD03 Charger Output • 18V DC 2000mA
Boxed Dimensions • 564 x 393 x 273mm
approx (22.2x15.4x10.7")
Weight of CA04 alone • 6kg (13.2lbs)

Table Saw (using CS2):
Max. Cutting Depth • 55mm
Max. Cutting Depth @45° • 33mm

Scroll Saw (using JS02):
Max. Cutting Capacity • Steel: 13mm, Wood: 50mm

Drill Press (using HD01):
Max. Drilling Capacity • Steel: 13mm, Wood: 28mm

No person should use this product without first reading and understanding all documentation and warning labels. 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.

RoHS COMPLIANT 2011/95/EU

3061583


Manual Version: 130624

www.cel-global.com • info@cel-global.com
UK • HK • USA • China • Europe • Australia • Japan

# GUARANTEE

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. The product is not guaranteed for hire purposes.
If you have any questions, please contact us:
**www.cel-global.com**

**Declaration of Conformity**

We declare under our sole responsibility that the product described in "Technical Specifications" is in conformity with the following standards or standardisation documents:
EN 60335-2-29:2004+A2:10, EN 62233:2008,
EN 60335-1:2002+A11:2004+A12,A2:06+A13:08+A14:10+A15:11
Technical file can be provided by:
CEL-HK 1604 Nan Fung Commercial Centre, 19 Lam Lok Street, Kowloon Bay, Hong Kong

C Enterprise (UK) LTD
Unit 4 Harbour Road Trading Estate
Portishead, BS20 7BL, UK

Chris Elsworthy
Managing Director- 24 June, 2013

**WARNING!** For AC tools and appliances; check that input voltages on the rating plates and the plug types match your local mains supply. If it is different contact your supplier immediately and follow their advice. Do not modify the charger or plug in any way. For DC tools; only use batteries supplied or manufacturer recommended replacements.

This product is sold in several configurations. 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.

# IMPORTANT SAFETY NOTES

**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.
POWERHandle refers to an assembly containing a battery of cells, a trigger mechanism and other controls. A POWERHandle contains no user serviceable parts.
**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 build-up.
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 cable. 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.
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.
**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. Dust can be extremely flammable, use a system with the correct classification for materials which are present.
**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 remove 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) Battery tool 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.
b) 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.
**6) Service**
Have your power tool serviced by an adequately qualified and approved repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

**Safety Warnings for Table Saw, Scroll Saw and Drill Press**
Blade refers to any cutting, machining or fixing device, eg saw blade or drill bit.
**DANGER!** Keep hands away from cutting area and the blade. Always use the Push Stick or a suitable clamping device for cutting near the cutting area.
**Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.
**Do not use any tool unless all safety features for that tool are working correctly.**
**Where possible, adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible through the workpiece. **Never hold the workpiece being cut in your hands or across your leg.** Secure the workpiece to a stable platform. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.
**When ripping always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
**Always use blades which match those specified, never modify a blade or fitting.** Blades that do not match the mounting hardware of the saw may run eccentrically, causing loss of control or other damage.
**Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

**Causes and operator prevention of kickback:**
– Kickback is a sudden reaction to a pinched, bound or misaligned blade, causing an uncontrolled workpiece to lift and cut of the tool toward the operator.
– When the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit or the workpiece rapidly toward the operator.
– If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the surface of the work causing the workpiece to grab the blade and jump back toward the operator.
**Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking precautions as given below.**
Maintain a firm grip with both hands on the workpiece and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade. Kickback could cause the workpiece to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
When blade is binding, or when interrupting a cut for any reason, press the STOP button and hold the workpiece motionless in the until the blade comes to a complete stop.
Never attempt to remove the work from the tool or move the work out of line with the blade while the blade is in motion or a kickback may occur. Investigate and take corrective actions to eliminate the cause of blade binding.
When restarting a saw in the workpiece, centre the tool blade in the cut and check that saw teeth are not engaged into the material. If saw blade is binding, it may force the work up or back from the blade as the tool is restarted.
Support large panels to minimise the risk of blade pinching and kickback. Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.

**Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow cuts causing excessive friction, blade binding and kickback.
**Blade depth and bevel adjusting locking levers must be tight and secure before making a cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
**Use extra caution when making a "plunge cut"** as the protruding blade may cut objects that can cause kickback.

**If saw is accidentally dropped, the lower guard may be bent.** Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part in all angles and depths of cut.

# 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

PROcase User Manual
CA04


1 Protractor Guide Slots (2)
2 Vertical Post Release
3 Vacuum Extraction Point
4 Accessory Case Release (2)
5 Table Saw Blade Slot
6 Scroll Saw Blade Slot
7 Rip Guide Rule (both ends)
8 Rip Fence Clamp (both ends)
9 LCD Display
10 Small Post Hook
11 Start / Stop Buttons
12 Case Latches (2)
13 Post / Rip Fence
14 Secondary Charge Point (SCP)
15 Cable Storage and Plug
16 Main Dock/Rating Label
17 Carry Handle
18 Mount Points (screw/table)
19 Push Stick / Drill Press Handle
20 Power Cable (Figure 8)
21 Protractor
22 Sliding Lock
23 Height Adjustment Holes
24 Rotation Lock/Release

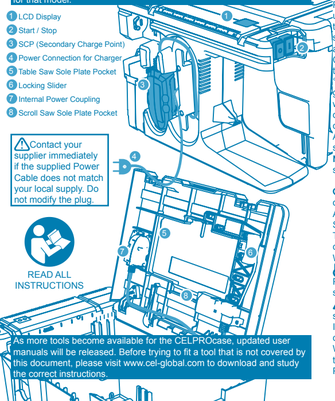
18V POWERhandle

CELPRO

# Charger and Internal Parts

**NOTE!** These pages refer to the PH12 POWERhandle (sold separately). If your POWERhandle is different please refer to the relevant instructions for that model

1. LCD Display
2. Start / Stop
3. SCP (Secondary Charge Point)
4. Power Connection for Charger
5. Table Saw Sole Plate Pocket
6. Locking Slider
7. Internal Power Coupling
8. Scroll Saw Sole Plate Pocket



Contact your supplier immediately if the supplied Power Cable does not match your local supply. Do not modify the plug.

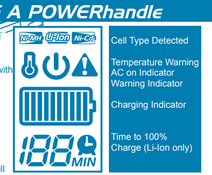
READ ALL INSTRUCTIONS

As more tools become available for the CELPROcase, updated user manuals will be released. Before trying to fit a tool that is not covered by this document, please visit www.cel-global.com to download and study the correct instructions.

# CHARGING A POWERhandle

This charger is designed to charge 18 volt POWERhandles only, using any other battery with this charger could cause serious harm to persons and property.
Charge only within a temperature range of 0 °C to 45 °C if the battery goes outside this range while charging it may be damaged or not reach full capacity.
Always remove the battery from the tool/charger and store it in a dry, secure place between 10ºC and 24ºC (50ºF) and (75ºF) when not in use.
**NOTE!** POWERhandles are shipped in a low charge condition. You should charge fully before use and always charge before storage.

To charge a POWERhandle connect the mains plug to a suitable mains outlet, power on is indicated by this symbol.
Align the rails of the POWERHandle with the rails of the charger dock. Slide until it "clicks" into position.
The LCD on the top of the charger dock will indicate the type of battery connected. NiCD NiMH
When charging a Li-Ion battery the time until fully charged will be shown.
This symbol indicates a battery that is over temperature. The POWERhandle will not be charged until the temperature drops below safe limits.
This symbol indicates an error. Allow a hot battery to cool or reset the system. See the Maintenance section for error codes (eg E1).
If this symbol continues to show and the batteries are not charging please contact your point of sale or service@cel-global.com
When charging Li-Ion POWERhandles their LED display will flash RED then RED+YELLOW then RED+YELLOW+GREEN and loop until the POWERhandle is fully charged.




Cell Type Detected

Temperature Warning
AC on Indicator
Warning Indicator

Charging Indicator

Time to 100%
Charge (Li-Ion only)

# CHARGE WHILE WORKING

Using the SCP (Secondary Charge Point) you can charge a POWERhandle while the Main Dock is being used to run a tool inside the case eg the Table Saw.
The SCP is the most direct connection to the charger and where possible this is the best place to charge your POWERhandles as the charge will not be interrupted when the Green/Start button is pressed.

**NOTE!** The main dock will not charge a POWERhandle when the secondary charge point is removed from its pocket. The secondary charger point must be correctly replaced into the side of the charger dock to start charging the POWERhandle in the dock.

# CARE AND SAFETY

**WARNING!** Never attempt to assemble, adjust or clear debris from a tool while the power source is fitted. Remove or minimise any risks before any changes are made. Stop work as required to clear debris and test for parts which may have come loose.

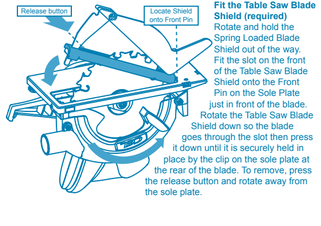
**NEVER** leave the battery on charge for longer than 24 hours. Leaving the battery on the charger will reduce its life and increase fire risk.
**NEVER** use or charge a battery that is damaged, leaking fluid or has corrosion on the metal contacts. In case of leak dispose of safely and clean all contacted areas thoroughly.

Error codes:
E1: Charging failure for Li-ion POWERhandle
E2: Communication failure for Li-ion POWERhandle
E3: Charging failure of NiMH-NiCd POWERhandle
E4: Contact error or open circuit, re-insert POWERhandle.
Some error codes may appear incorrectly if the expected signal is not received by the charger, this is usually due to an extremely low charge state. In this case leave the POWERhandle charging on the SCP for at least 5 hours, ignore any warning lights on the display. After 5 hours, remove the battery and wait for 20 seconds for the charger to reset. Put the battery back onto the charger and leave for 1 more hour.
This may revive the battery if it has become very flat.

# REMOVING THE POST / FENCE

**Take the Post/Fence off the case**
Pull the Sliding Lock of the Post away from the case and unhook. Rotate the large end of the Post away and below the case then unhook the Small Hock from the end of the case.
To return the Post/Fence to the case reverse these directions.

# ASSEMBLE A TABLE SAW

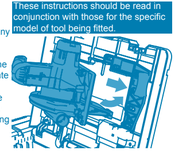



**Fit the Table Saw Blade Shield (required)**
Rotate and hold the Spring Loaded Blade Shield out of the way. Fit the slot on the front of the Table Saw Blade Shield onto the Front Pin on the Sole Plate just in front of the blade. Rotate the Table Saw Blade Shield down so the blade goes through the slot then press it down until it is securely held in place by the clip on the sole plate at the rear of the blade. To remove, press the release button and rotate away from the sole plate.

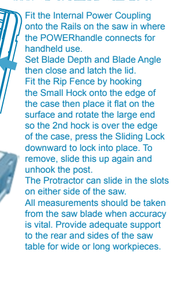
# ASSEMBLE A TABLE SAW (cont.)

These instructions should be read in conjunction with those for the specific model of tool being fitted.

**Fit the Circular Saw to the Case Lid**
Open the case lid and remove any fitted tools. Fit the Blade Shield as shown.
Slide the Locking Slider out of the way. Fit the nose of the Sole Plate into the recess on the left of the large slot in the lid and the blade through the slot. Rotate the saw into place and release the Locking Slider, ensure it slides back to hold the saw in place securely.



Fit the Internal Power Coupling onto the Rails on the saw in where the POWERhandle connects for handheld use.
Set Blade Depth and Blade Angle then close and latch the lid.
Fit the Rip Fence by hooking the Small Hock onto the edge of the case then place it flat on the surface and rotate the large end so the 2nd hock is over the edge of the case, press the Sliding Lock downward to lock into place. To remove, slide this up again and unhook the post.
The Protractor can slide in the slots on either side of the saw.
All measurements should be taken from the saw blade when accuracy is vital. Provide adequate support to the rear and sides of the saw table for wide or long workpieces.



# CUTTING WITH TABLE SAW

**Cross Cut**
1. Remove the fence
2. Adjust the protractor angle to 90°.
3. Put the protractor into the groove at the front of the saw table.
4. Hold the workpiece and protractor firmly together and feed the workpiece slowly into the saw blade.

**Mitre Cut**
1. Remove the fence
2. Adjust the protractor to the desired angle for you to cut into the workpiece.
3. Put the protractor into the groove at the front of the saw table.
4. Hold the workpiece and protractor firmly together and feed slowly the workpiece into the saw blade

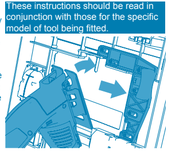
**Bevel Cut**
1. Open the lid of the saw table, adjust the circular saw bevel angle by releasing the lock knob and re-tightening at the desired angle.
2. Position the fence at the desired distance from the blade.
3. Use the push stick or a push block to move the workpiece through the cut and past the blade.

**Rip Cut**
1. Position the fence to the desired distance from the blade for the cut. Securely lock the fence on the table by pressing the post slider head down firmly.
3. Hold the workpiece and protractor firmly together and feed the workpiece slowly into the saw blade.
4. Use the push stick or a push block to move the workpiece through the cut and past the blade.
**WARNING!** Never push a small piece of wood into the blade with your hand, always use the push stick or a push block.

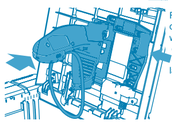
# ASSEMBLE A SCROLL SAW

These instructions should be read in conjunction with those for the specific model of tool being fitted.

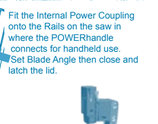
**Fit the Jig Saw to the Case Lid**
Open the case lid and remove any fitted tools.
Slide the Locking Slider out of the way. Fit the rear of the Sole Plate into the recess at the bottom of the opening in the case lid and the blade through the small slot in the case lid. Rotate the saw into place and release the Locking Slider, ensure it slides back to hold the saw in place securely.



Fit the Internal Power Coupling onto the Rails on the saw in where the POWERhandle connects for handheld use.
Set Blade Angle then close and latch the lid.



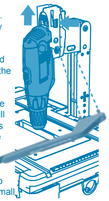
Insert the Post/Fence vertically into the rear of the case with the small hook toward the rear of the case. Push it down until it locks into place, to adjust the height or remove the post you can lift the Locking Lever. Fit the Work Clamp into a pair of holes on the Post and tighten down onto your workpiece.



# ASSEMBLE A DRILL PRESS

Open the case lid and remove any fitted tools. Insert the Post/Fence vertically into the rear of the case with the small hook toward the rear of the case. Push it down until it locks into place, to adjust the height or remove the post you can lift the Vertical Post Release. Rotate the large end over toward the front of the case until it locks in place. If you want to unlock it, press the 2 Metal Buttons on the sides of the Post and rotate back again.

Hold the Drill firmly and align its Rails with those on the Post. Slide the drill firmly and sharply upward until it locks into place. The 2 Locking Clips will spring toward the drill when it is locked in place, pull these away from the drill when you want to remove it. Fit the Lever/Push Stick into the 2 Lever Holes on either side of the Post and pull downward to press the drill down. The Work Clamp shown on the Scroll Saw Assembly can also be used when a small drill bit is fitted.



# START / STOP

Fit a POWERhandle into the Main Dock on the case. Use the Green and Red Start / Stop buttons to start and stop the tools fitted to the case. The backlight on the LCD Display will glow green when the Start button is pressed.