

challenge
xtreme
READY FOR THE CHALLENGE

**10.8 V LITHIUM ION
CORDLESS MULTI TOOL**



**PT110941
ORIGINAL INSTRUCTIONS**

INTRODUCTION

Thank you for purchasing a **CHALLENGE XTREME 10.8V** lithium ion multi tool

We would like you to be completely satisfied with your new product and hope you get many years of satisfaction out of this tool.

Your multi tool is intended for sawing and cutting wooden materials, plastic, gypsum, non-ferrous metals and fastening elements (e.g., unhardened nails, staples). It is also suitable for working soft wall tiles, as well as for dry sanding. It is especially suitable for working close to edges and for flush cutting. Your multi tool can fit any Challenge Xtreme multi tool accessories and Bosch multi tool accessories as well.

GENERAL POWER TOOL SAFETY WARNINGS



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 your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) 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.

2) Electrical safety

- **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.
- **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.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **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.
- **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.
- **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

- **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.

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- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as 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 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.
- **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.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **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.
- **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.
- **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.
- **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.
- **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.
- **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.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **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.

4) Power tool use and care

- **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.

5) 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.
- **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 a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SAFETY WARNINGS FOR MULTI-FUNCTION TOOLS

- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **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 secure with both hands.
- **Secure the workpiece.** A workpiece clamped with clamping devices or in a vice is held more secure than by hand.
- **Keep your workplace clean.** Blends of materials are particularly dangerous. Dust from light alloys can burn or explode.
- **Do not open the battery.** Danger of shortcircuiting.



Protect the battery against heat, e.g., against continuous intense sunlight, fire, water, and moisture. 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.
- **Use the battery only in conjunction with your power tool.** This measure alone protects the battery against dangerous overload.

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- **Use only original batteries with the voltage listed on the nameplate of your power tool.**

When using other batteries, e.g. imitations, reconditioned batteries or other brands, there is danger of injury as well as property damage through exploding batteries.

- **Wear protective gloves when changing application**

tools/accessories. Application tools/accessories become hot after prolonged usage.

- **Do not scrape wetted materials (e. g. wallpaper) 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.

SYMBOLS



To reduce the risk of injury, user must read instruction manual



Warning



Wear eye protection



Wear ear protection



Wear dust mask



Indoor use only



Do not expose to rain or water



Do not burn



Li-Ion

Do not dispose of batteries. Return exhausted batteries to your local collection or recycling point.



Double insulation



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Pic A



COMPONENT LIST

1. Plunge cut blade
2. Accessory holder
3. LED light
4. Ventilation openings
5. Soft grip handle
6. Slide "ON/OFF" switch
7. Battery unlocking button
8. Battery pack
9. Segment cut blade
10. Sanding pad
11. Sanding paper
12. Hex key

CHECK THE DELIVERY PARTS

Carefully remove the machine from its packaging and check as the following parts are complete:


- 10.8V multi tool
- 3-5 hours battery charger
- 1 x plunge cut blade
- 1 x segment cut blade
- 1 x sanding pad
- 6 x sanding paper (2 x 80#, 100#, 120#)
- 1 x hex key
- operating instructions

If any parts are missing or damaged, please contact your dealer.

TECHNICAL DATA

Voltage	10.8 V
No load speed	15000/min
Oscillating angle	±1.4°
Battery capacity	1.3Ah Li-ion
Charger voltage	230-240V~ 50/60Hz, 16W max
Output	12VDC, 400mA
Charging time	3-5 hrs

NOISE INFORMATION

A weighted sound pressure	70.7dB(A)
A weighted sound power	81.7dB(A)
KPA & KWA	3.0dB(A)
Wear ear protection when sound pressure is over	80dB(A) 

VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 60745:	
Vibration Information	Vibration emission value $a_{th} = 6.619 \text{ m/s}^2$
	Uncertainty $K = 1.5 \text{ m/s}^2$

The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration total value may also be used in a preliminary assessment of exposure.

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WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained.

To use the correct accessory for the tool and ensuring it is sharp and in good condition.

And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.



WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimize your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti vibration accessories.

Avoid using tools in temperatures of 10°C or less.

Plan your work schedule to spread any high vibration tool use across a number of days.

ASSEMBLY**1. Battery Charging****WARNING!**

Only use the battery chargers are matched to the lithium ion battery of your power tool.

Slide the battery pack towards at the charger.

Charger indicating light's condition :

1. Charger power on: green light is on, red light is off
2. During charging(insert battery): red light is on, green light is off
3. Fully charging: green light is on, red light is off

To remove the battery pack, pull the battery pack out of the charger

**WARNING!**

Do not continue to press the On/Off switch after the machine has been automatically switched off. The battery can be damaged.

The battery is supplied partially charged. Completely charge the battery before using your power tool for the first time. The lithium ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

Observe the notes for disposal.

2. INSTALLING AND REMOVING ACCESSORIES

1. To install accessories, align holes in accessory with locating pins on accessory holder in desired position. Assure that pin in holder are engaged into holes in accessory and securely tighten with with hex bolt provided (Fig. A).

Your accessories can be engaged into accessory holder 12 positions 30 degrees apart.

For intermediate position an adapter is provided that will allow you to attach the accessory in any position. Use of adapter will also allow you to use most competitor accessories.



Fig A

2. To remove accessory, loosen and remove hex bolt and remove accessory from holder (Fig. B).



Fig B

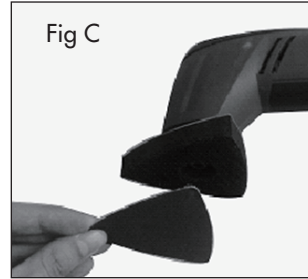
3. INSTALLING SANDING SHEETS

Your tool uses hook-and-loop backed sandpaper, which firmly grips the backing pad when applied with moderate pressure. To change, merely peel off the old sandpaper, remove dust from the backing pad if

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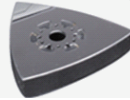
necessary, and press the new sandpaper in place.(Fig C)

After considerable use the backing pad surface will become worn, and the backing pad must be replaced when it no longer offers a firm grip. If you are experiencing premature wear of the backing pad facing, decrease the amount of pressure you are applying during operation of the tool.



4. SELECTING THE APPLICATION ACCESSORY

The following table shows examples for application tools. You can buy other accessories from Argos stores. Our multi tool can use both challenge xtreme and Bosch accessories.

Accessory	Material	Application
 50CrV segment cut blade	Wooden materials, plastic, non-ferrous metals	Separating and plunge cuts; also for sawing close to edges, in corners and hard to reach areas; Example: shortening already installed bottom rails or door hinges, plunge cuts for adjusting floor panels
 HCS plunge cut blade	Wooden materials, soft plastics	Separating and deep plunge cuts; also for sawing close to edges, in corners and hard to reach areas; Example: narrow plunge cut in solid wood for installing a ventilation grid
 Sanding pad	Wooden materials Metal materials	For face sanding and planing small Irregularities Supplied with 2 x 80#, 100# ,120# sanding paper

OPERATION

SLIDE "ON/OFF" SWITCH

The tool is switched "ON" by the slide switch located on the topside of the motor housing

Switching on:

TO TURN THE TOOL "ON" slide the switch button forward to the "I" .

Switching off:

TO TURN THE TOOL "OFF" slide the switch button backward the "0" .

WARNING! Hold the tool with both hands while starting the tool, since torque from the motor can cause the tool to twist.

SAWING

Use undamaged faultless saw blades only.

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

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.!

Before sawing with HCS 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 50CrV or higher quality saw blades.

Work with low and uniform application pressure, otherwise, the application tool can become blocked or cause resonance.

SANDING

1. Sanding accessories are suitable for dry sanding of wood, metal, smaller surfaces corners and edges and hard to reach areas.

2. Profiles and grooves may be finished using the tip or edge of the selected accessory, which should occasionally be rotated during use to distribute the wear on the accessory and backing pad surface.
3. Always be certain that smaller workpieces are securely fastened to a bench or other support.
Larger panels may be held in place by hand on a bench or sawhorses.
4. With the workpiece firmly secured, turn tool on as described above.
5. Move the tool in long steady strokes parallel to the grain using some lateral motion to overlap the strokes by as much as 75%. **DO NOT apply excessive pressure - let the tool do the work.** Excessive pressure will result in poor handling, vibration, and unwanted sanding marks

MAINTENANCE

Tips for maintaining maximum battery life

- 1) Charge the battery pack before it is completely discharged. Always stop tool operation and charge the battery pack when you notice a decrease in tool power.
- 2) Never recharge a fully charged battery pack. Overcharging shortens the battery service life.
- 3) Charge the battery pack with room temperature at 10°C-40°C and let a hot battery pack cool down before charging it.
- 4) Charge the Lithium-ion battery pack when you do not use it for more than six months.

Always pull the battery charger out of the mains socket and remove the battery pack before you clean or maintain the device. The cordless multi-purpose tool is maintenance-free.

- 1) Always keep the device clean, dry and free of oil or grease.
- 2) Clean the device immediately after you have finished using it
- 3) Do not allow any liquids to enter the device. Use a cloth to clean the housing.
- 4) Never use petrol, solvents or cleaning agents that might attack plastic.

DISPOSAL



Do not dispose of electrical appliances with your domestic waste!

The packaging comprises exclusively environmentally- friendly material. Dispose of it in your local recycling containers.

GUARANTEE

This product is selected for DOMESTIC USE ONLY and not for business use. This product is guaranteed against manufacturing defects for a period of 12 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please contact the service centre for assistance on 08454 505299. If the item is shown to have an inherent defect present at the time of sale, you will be provided with a replacement. Your statutory rights remain unaffected.

Guarantor: Argos Limited, MK9 2NW

Argos Ltd

489-499 Avebury Boulevard
Saxon Gate West
Milton Keynes
Buckinghamshire
MK9 2NW

We hereby certify that the product stipulated above complies with all the relevant provisions of the following EC new approach directive/s.

This declaration of conformity is issued under the sole responsibility of the manufacturer

Type of Product: **10.8V Lithium ion cordless multi tool**

Model Number: **PT110941**

Cat / Article Number: 7114494

Product Description:

Photograph:

Voltage: 10.8 V
No load speed: 15000/min
Oscillating angle: ±1.4°
Battery capacity: 1.3Ah Li-ion
Charger voltage: 230-240V~ 50/60Hz,16W max
Output: 12VDC, 400mA
Charging time: 3-5 hrs



Applicable EC Directives		
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<input checked="" type="checkbox"/> 2006/42/EC (MD)	<input checked="" type="checkbox"/> 2004/108/EC (EMC)	<input type="checkbox"/> 1999/5/EC (R&TTE)
<input checked="" type="checkbox"/> 2006/95/EC (LVD)	<input type="checkbox"/> 2009/105/EC (Pressure)	<input type="checkbox"/> 2000/14/EC Annex , 2005/88/EC
<input type="checkbox"/> 2009/125/EC (ErP)	<input type="checkbox"/> 2009/48/EC (Toys)	<input type="checkbox"/> L _{WA} = 81.7dB(A), L _{PA} = 70.7dB(A), K=3dB(A)
<input type="checkbox"/> 2009/142/EC (Gas)	<input type="checkbox"/> 89/106/EEC (Construction)	<input type="checkbox"/> / /EC (Others)

Applicable Harmonized Standards:	Report Date	Verification of conformity Certificate	Notified Body
EN60745-1:2009+A11:2010 EN60745-2-4: 2009+A11:2011	2012.5.8	CE	LCIE
EN 55014-1: 2006+A1:2009 EN 55014-2: 1997+A1:2001+A2 :2008	2012.5.8	EMC	LCIE
EC Type approval certificate number			

Issued number: 1.0

Issued on : 2012-5-16

Signed :

Creator: Max Shi

Name : Roger Pantan-Kent

Position: QA

Position: Head of Quality Assurance