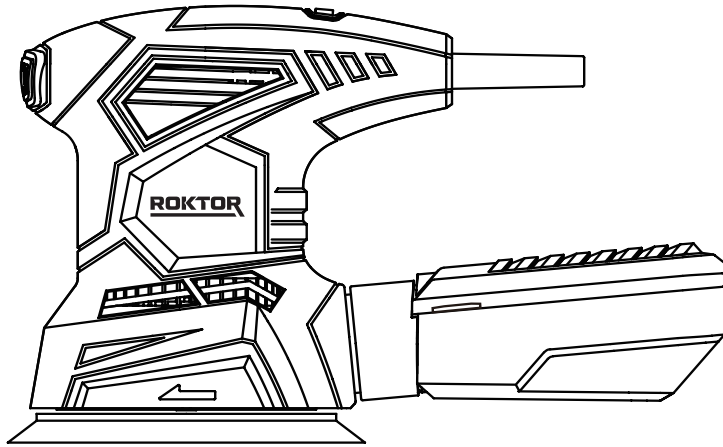
ROKTOR

ORIGINAL USER INSTRUCTIONS

300W 125mm
RANDOM ORBITAL SANDER

SKU: AB751

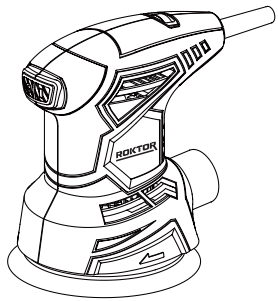


READ BEFORE USE
PLEASE KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE

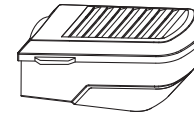
Helpline: +44 3331 880059
Email: roktor.support@positecgroup.com

CONTENTS

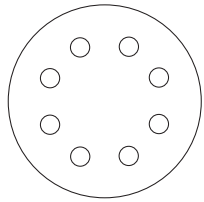
WHAT'S IN THE BOX



Random orbital sander



Dust box



125mm Hook and loop sanding sheets (80/100/120 grit)

Vacuum adaptor

User instruction manual

SPECIFICATIONS

- 230 V~, 50 Hz
- Hook and loop system
- Variable speed control
- Dust collection system
- Rubber overmould grip

TECHNICAL DATA

SKU/Model	AB751 (PES300G)
Rated Voltage	230 V ~ 50 Hz
Rated Power Rate	300W
No-load speed	6000-13000 /min
Plug	BS plug
Protection class	⧈ /II
Base size	125 mm
Orbital diameter	2.0 mm
Net Weight approx.(kg)	1.3kg
A weighted sound pressure L_{pA} (K_{pA}=3dB(A))	85,4dB(A)
A weighted sound power L_{wA} (K_{wA}=3dB(A))	93,4dB(A)
Vibration level a_h (K=1,5m/s²)	a_h = 22,7 m/s^2

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

WARNING: The vibration and noise emissions during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used, especially what kind of workpiece is processed 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.
- The use of the correct accessory for the tool and ensuring it is sharp and in good condition.
- The tightness of the grip on the handles and if any anti vibration and noise accessories are used.
- 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 minimise your vibration and noise exposure risk.
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 and noise accessories.
Plan your work schedule to spread any high vibration tool use across a number of days.

EXPLANATIONS AND SYMBOLS, CAUTIONS AND WARNINGS

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

Class II device - Double Insulation

Risk of damage or injury if the instructions in this manual are not followed

Immediately disconnect the plug from the power outlet if it is damaged, and for all maintenance operations.

Wear eye protection

Wear ear protection

Wear dust mask

The product complies with the applicable European Directives and an evaluation method of conformity for these Directives was carried out.

UK Conformity Assessed

IMPORTANT SAFETY WARNINGS

CAUTION – To reduce risk of injury, user must read instruction manual

GENERAL SAFETY RULES FOR POWER TOOL

WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below 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

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 adaptor plugs with earthed (grounded) power tools. *Unmodified plugs and matching outlets will reduce risk of electric shock.*

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 or 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.*

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, or hearing protection used for appropriate conditions will reduce personal injuries.*

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 and clothing 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.*

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. *A careless action can cause severe injury within a fraction of a second.*

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 the battery pack, if detachable, 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 and accessories. 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.*

h) Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) 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.*

SAFETY WARNINGS FOR SANDER

a) Take special care to protect yourself and people around against dusts, including the following:
- All persons entering the work area must wear an appropriate dust mask specially designed for protection against harmful / toxic dusts, in addition to using the dust extraction facility and keeping work area well ventilated.
- Children and pregnant women must not enter the work area.
- Do not eat, drink or smoke in the work area.

b) Some wood and wood type products especially MDF (Medium Density Fibreboard) can produce dust that can be hazardous to your health. We recommend the use of a dust mask with replaceable filters when using this product in addition to using the dust extraction facility.
c) The power tool shall not be wet or applied in wet environment.
d) The voltage of the power source must agree with the voltage specified on the rating label of the machine.
e) Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
f) Double check that the accessories and attachments are properly fixed. One minute testing running in no-load condition will be helpful to identify any problems.
g) Secure the workpiece. A workpiece clamped with clamping devices or in a vice is held more secure than by hand.
h) Keep the handles dry to ensure safe control. Grip the product securely with two hands so you have full control at all times.
i) Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
j) Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
k) Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.
l) Always keep the power cord behind the power tool.

The following information applies to professional users only but is good practice for all users:
ADDITIONAL SAFETY WARNINGS FOR CONSTRUCTION DUST

The updated Control of Substances Hazardous to Health Regulations 1st October 2012 now also targets to reduce the risks associated with silica, wood and gypsum dusts.
Construction workers are one of the at-risk groups within this because of the dust that they breathe: silica dust is not just a nuisance; it is a real risk to your lungs!

Silica is a natural mineral present in large amounts in things like sand, sandstone and granite. It is also commonly found in many construction materials such as concrete and mortar. The silica is broken into very fine dust (also known as Respirable Crystalline Silica or RCS) during many common tasks such as cutting, drilling and grinding.
Breathing in very fine particles of crystalline silica can lead to the development of:
- Lung cancer
- Silicosis
- Chronic obstructive pulmonary disease (COPD).

And breathing in fine particles of wood dust can lead to the development of Asthma.
The risk of lung disease is linked to people who regularly breathe construction dust over a period of time, not on the odd occasion.
To protect the lung, the COSHH Regulations sets a limit on the amount of these dusts that you can breathe (called a Workplace Exposure Limit or WEL) when averaged over a normal working day. These limits are not a large amount of dust: when compared to a penny it is tiny – like a small pinch of salt.
This limit is the legal maximum; the most you can breathe after the right controls have been used.

How to reduce the amount of dust?

1. Reduce the amount of cutting by using the best sizes of building products.
2. Use a less powerful tool e.g. a block cutter instead of angle grinder.
3. Using a different method of work altogether – e.g. using a nail gun to directly fasten cable trays instead of drilling holes first.

Please always work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles and use the dust extraction facility at all times.

For more information please see the HSE website:
http://www.hse.gov.uk/construction or http://www.hse.gov.uk/pubns/cis69.pdf

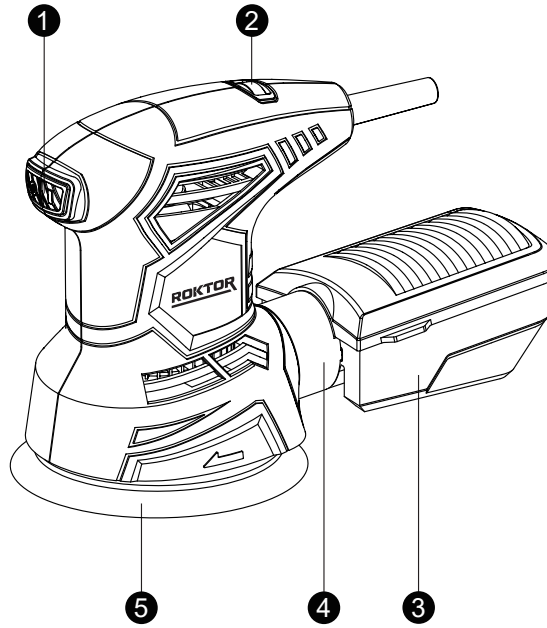
WARNING! Some dust particles created by power sanding, sawing, grinding, drilling and other construction jobs contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated timber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these dusts:

- Work in a well-ventilated environment.
- Work with approved protective equipment, such as dust masks that are specially designed to filter microscopic particles.

PRODUCT DESCRIPTION AND IDENTIFICATIONS



1. **On/Off switch**
2. **Speed dial**
3. **Dust box**
4. **Dust extraction (vacuum) adaptor**
5. **Sanding pad**

ASSEMBLY AND OPERATING INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

The tool is packaged with some parts that are unattached and require a little, simple assembly.

WARNING: Do not operate until fully assembled and with all parts correctly attached.

ASSEMBLY

1. FITTING THE SANDING SHEET (SEE FIG. 1)

NOTE: Before placing on the sanding sheet, free the sanding pad from dust/debris by lightly tapping against it. Always use sanding sheet that is suitable for the material you want to sand.
Fit the sheet over the sanding pad so that it covers the entire area. Make sure the sanding sheet is even with the edges and that the dust collection holes in the pad and sanding sheet are aligned and the sanding sheet evenly overlaps the pad. Never use your sander without sanding sheet.
To remove the sanding sheet, carefully peel it off the sanding pad.

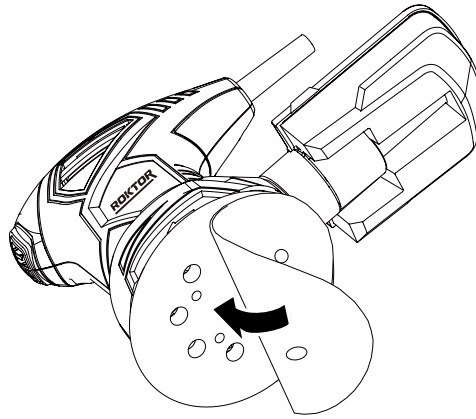


Figure 1

2. USING THE DUST BOX (SEE FIG. 2-1 & 2-2)

WARNING: To prevent the possibility of sanding dust or a foreign body being thrown into your face or eyes, never attempt to use your sander without the dust box properly installed.

Attach the dust box

Push the vacuum adaptor onto the stud on the tool, making sure the projection on the stud matches the groove on the adaptor. Rotate the adaptor 15° clockwise to secure it in place.
To connect the dust box, align the two nozzles of the adaptor with the two grooves inside the dust box.
Instead of the dust box, you may connect an appropriate vacuum cleaner to the adaptor.

Empty the dust box

For more efficient operation, empty the dust box every 5-10 mins. This will permit the air to flow through the box better. To remove the dust box, just slide the dust box out. Pull up the cover at the dust box's latches on both sides. Empty the dust box. Click the cover back in place.

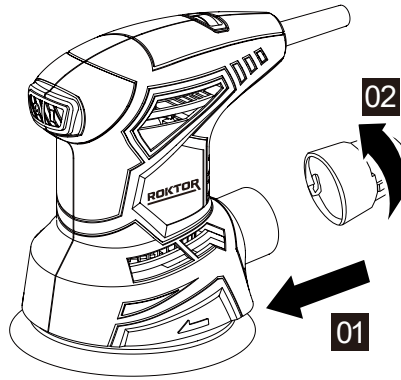


Figure 2-1

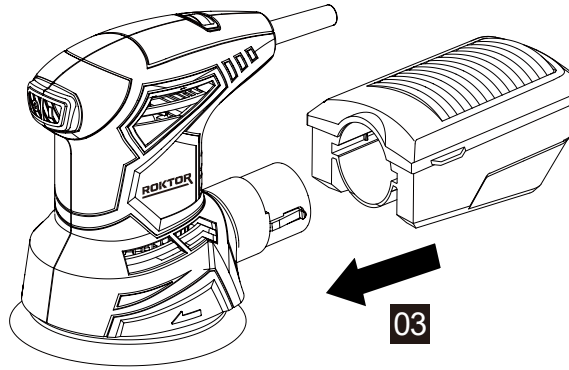


Figure 2-2

OPERATION
INTENDED USE
The machine is intended for dry sanding of wood, plastic, metal and coated surfaces. It is not suitable for plaster or drywall filler.

1. OPERATING THE ON/OFF SWITCH (SEE FIG. 3)
To start your sander, depress the protective cover over the switch at the position marked “I”.
To stop your sander, depress the switch at the position marked “0”.

CAUTION: Make sure not to cover the ventilation slots during operation.

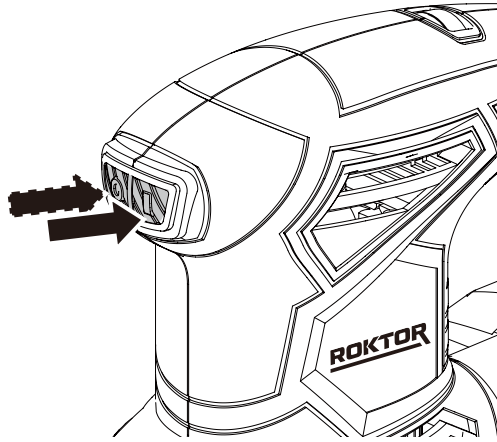


Figure 3

2. SPEED SETTING (SEE FIG. 4)
Use speed dial to set the operation speed. The operation speed can be set in 6 steps from:
1 = 6000/min - MAX = 13000/min

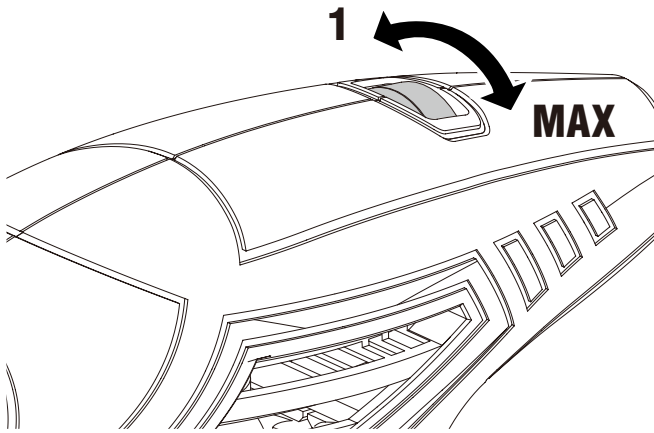


Figure 4

3. SELECT THE RIGHT SANDING SHEET

Selecting the correct grit of sanding sheet is an extremely important decision that will allow you to achieve the best quality sanding finish.

Coarse grit will remove the most material, and finer grit will give you the best finish in all sanding operations. The condition of the surface to be sanded will determine which grit will do the job.

If the surface is rough:

Start with coarse grit and sand until the surface is uniform. Then use medium grit to remove any scratches left by the coarse grit. Then use finer grit for finishing the surface.

NOTE: Always continue sanding with each grit until the surface is uniform.

Choose the correct grit from the table below:

Operation	Grit
Removal	40 - 60
Preparation	80 - 120
Finish	180 - 240

WARNING: Do not use the same sanding sheet for metal and wood.

4. USING THE SANDER

The workpiece to be sanded must be secured. If it is small or it may move during sanding, it must be held in a vice or suitably clamped.

Be sure to hold the sander firmly whilst it is on and apply it gently to the work, it may “kick” on first contact. Hold the sander so that it is flat on the work and move slowly, preferably with a smooth, circular motion. Regularly check the condition of the sanding sheet and replace when worn for best results.

5. ORBITAL SANDING

Your sander operates in small a circular rotation which allows efficient material removal. Operate your sander in long sweeping movements across your workpiece and evenly across the grain. For a finer finish, always use fine-grit sanding sheet and only move the sander in the direction of the wood grain, never across it. Do not allow your sander to remain in the same position otherwise you will remove material and create an uneven surface.

6. WORKING HINTS FOR YOUR SANDER

1) Always ensure the workpiece is firmly held or clamped to prevent movement. Any movement of the material may affect the quality of the sanding finish.

2) Start your sander before sanding and turn it off only after you stop sanding. For the best results, sand wood in the direction of the grain.

3) Do not start sanding without having the sanding sheet fitted.

4) Do not allow the sanding sheet to wear away; it will damage the sanding pad. The guarantee does not cover the sanding pad wear and tear.

5) Use coarse grit sanding sheet to sand rough surfaces, medium grit for smooth surfaces and fine grit for

the final surfaces. If necessary, first make a test run on scrap material.

6) Use only good quality sanding sheet.

7) The sanding sheet controls the sanding efficiency, not the amount of force you apply to the tool. Excessive force will reduce the sanding efficiency and cause motor overload. Replacing the sanding sheet regularly will maintain optimum sanding efficiency.

8) For good collection efficiency, please do not use your tool on a wet workpiece surface.

CARE AND CLEANING

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance. Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- Disconnect the power and allow the tool rotation to stop.
- Use only a damp cloth to clean the enclosure.
- Do not use any chemical or abrasive cleaners.
- When the tool is not used for long periods of time, it should be protected from dust and stored in a clean dry place.
- Clean it with soft cloth. If the dust is uneasy to wipe away, rub it with soap water.
- **WARNING!** unplug the tool before cleaning.

TROUBLESHOOTING

Use this section to help you to try and solve any problems you may have:

PROBLEM	POSSIBLE CAUSES	REMEDIES
The tool is not operating.	• The plug is not fully inserted into the wall outlet • Faulty power switch	• Make sure that the plug is fully inserted into the base AC wall outlet. • Contact Customer Service Centre.
The tool does not move smoothly.	• The sanding sheet may be loose, damaged or wrinkled.	• Replace the sanding sheet and try again.

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR POWER TOOL, PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE POWER TOOL YOURSELF. DOING SO MAY VOID THE WARRANTY AND COULD CAUSE DAMAGE OR PERSONAL INJURY. IF THE PROBLEM STILL PERSISTS, PLEASE CONTACT US BY REFERRING TO THE SERVICE & SUPPORT INFORMATION ON THE FOLLOWING PAGE.

DECLARATION OF CONFORMITY / PERFORMANCE

Product Code: AB751 (PES300G)
Product Description: 300W 125mm Random Orbital Sander

1. Toolstation (company number 04372131)
This declaration of conformity is issued under the sole responsibility of Toolstation

2. Object of the declaration
The object of the declaration described above is in conformity with the relevant Community harmonisation legislation:

- Supply of Machinery (Safety) Regulations 2008
- Electromagnetic Compatibility Regulations 2016
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

3. References to the relevant standards used (or references to the specifications in relation to which conformity is declared):
- BS EN 62841-1
- BS EN 62841-2-4
- BS EN IEC 55014-1
- BS EN IEC 55014-2
- BS EN IEC 61000-3-2
- BS EN 61000-3-3
- BS EN IEC 63000

4. Additional information:
Signed for and on behalf of Toolstation Limited

ENVIRONMENTAL INFORMATION

The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

WARRANTY

Toolstation products deliver reliable service for normal, household use in domestic settings. All Toolstation products are individually tested before leaving the factory.
Your product is under warranty for 2 years from the date of purchase or the date of delivery of the product, if later.

The warranty is subject to the following provisions:

- The warranty does not cover accidental damage, misuse, parts, knobs, or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The warranty will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for incidental or consequential damages.
- The warranty is in addition to, and does not diminish your statutory or legal rights.

CUSTOMER SUPPORT

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