



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA BHP453. You'll find the answers to all your questions on the MAKITA BHP453 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA BHP453
User guide MAKITA BHP453
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Instruction manual MAKITA BHP453

INSTRUCTION MANUAL
MANUEL D'INSTRUCTION
MANUAL DE INSTRUCCIONES



Cordless Hammer Driver Drill
Perceuse percussion-visseuse sans fil
Taladro Atornillador con Percusión a Batería

BHP343
BHP453



059043

⚠WARNING:

For your personal safety, READ and UNDERSTAND before using.
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

⚠AVERTISSEMENT:

Pour votre propre sécurité, prière de lire attentivement avant l'utilisation.
GARDER CES INSTRUCTIONS POUR RÉFÉRENCE ULTÉRIEURE.

⚠ADVERTENCIA:

Para su seguridad personal, LEA DETENIDAMENTE este manual antes de usar la herramienta.
GUARDE ESTAS INSTRUCCIONES PARA FUTURA REFERENCIA.



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Manual abstract:

Model Concrete Steel Capacities Wood Wood screw Machine screw No load speed (RPM) Blows per minute Overall length Net weight Rated voltage Standard battery cartridges A. Note: Specifications may differ from country to country. Due to our continuing programme of research and development, the specifications herein are subject to change without notice. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety 1. Keep work area clean and well lit. 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. 3. Keep children and bystanders away while operating a power tool.

Distractions can cause you to lose control. electrical Safety 4. 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.

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. 6. Do not expose power tools to rain or wet conditions. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. 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. personal Safety 9. @@@@Always wear eye protection. @@Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents. 12. 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. This enables better control 7.

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. 15. If devices 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 16. 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.

17. 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. 18. 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. 19. 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.

Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation.

If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. 22. Use the power tool, accessories and tool bits etc. in accordance with these instructions and in the manner intended for the particular type of power tool, 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 tool use and care 23. Ensure the switch is in the off position before inserting battery pack. One type of battery pack may create a risk of fire when used with another battery pack.

25. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire. 26. 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. 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 28.

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. Keep handles dry, clean and free from oil and grease. DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to hammer drill safety rules. If you use this power tool unsafely or incorrectly, you can suffer serious personal injury.

1. Wear ear protectors with impact drills. Exposure to noise can cause hearing loss. 2. Use auxiliary handles supplied with the tool.

Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator. 4. Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations. Keep hands away from rotating parts. @@Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data. @@@@ the battery cartridge can explode in a fire.

Be careful not to drop or strike battery. @@@@It may result in loss of your eyesight. @@@@Insert it fully until the red part cannot be seen. @@Do not use force when inserting the battery cartridge. @@@@Use the right speed for your job. @@@@Do not use the speed change lever while the tool is running. @@ to start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. Depress the reversing switch lever from the A side for clockwise rotation or from the B side for counterclockwise rotation. When the reversing switch lever is in the neutral position, the switch trigger cannot be pulled.

cAUTION: Always check the direction of rotation before operation. Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool. When not operating the tool, always set the reversing switch lever to the neutral position.

Select one of the three modes suitable for your work needs by using this ring.

For rotation only, turn the ring so that the arrow on the tool body points toward the mark on the ring.



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For rotation with hammering, turn the ring so that the arrow points toward the mark on the ring. For rotation with clutch, turn the ring so that the arrow points toward the mark on the ring. CAUTION: Always set the ring correctly to your desired mode mark. If you operate the tool with the ring positioned halfway between the mode marks, the tool may be damaged.

The fastening torque can be adjusted in 16 steps by turning the adjusting ring so that its graduations are aligned with the arrow on the tool body. The fastening torque is minimum when the number 1 is aligned with the arrow, and maximum when the number 16 is aligned with the arrow. Before actual operation, drive a trial screw into your material or a piece of duplicate material to determine which torque level is required for a particular application. @@The adjusting ring can be aligned in any torque levels for this operation. Be sure to use a tungsten-carbide tipped bit. Light pressure gives best results. Keep the tool in position and prevent it from slipping away from the hole. Do not apply more pressure when the hole becomes clogged with chips or particles. Instead, run the tool at an idle, then remove the bit partially from the hole. By repeating this several times, the hole will be cleaned out and normal drilling may be resumed.

@@@@@@@@Adjust the adjusting ring to the proper torque level for your work. then proceed as follows. Place the point of the driver bit in the screw head and apply pressure to the tool. Start the tool slowly and then increase the speed gradually. Release the switch trigger as soon as the clutch cuts in. CAUTION: Make sure that the driver bit is inserted straight in the screw head, or the screw and/or bit may be damaged. When driving wood screws, predrill pilot holes to make driving easier and to prevent splitting of the workpiece. CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance. To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts. To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita .



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