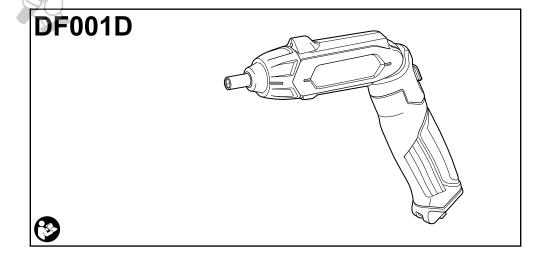
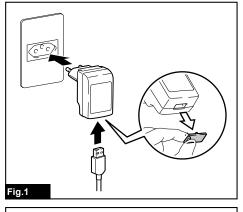
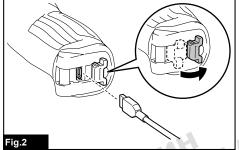
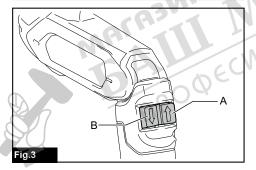


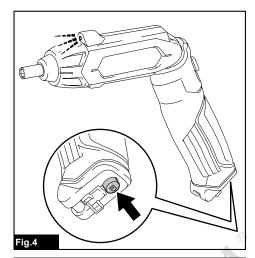
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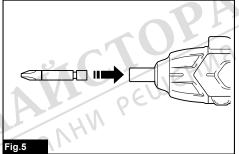


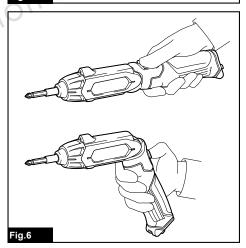














# **SPECIFICATIONS**

Model:		DF001D	
Fastening capacities	Wood screw	ø3.8 mm x 32 mm	
No load speed (RPM)		220 min <sup>-1</sup>	
Overall length	With straight shape	287 mm	
	With pistol shape	205 mm	
Rated voltage		D.C. 3.6 V	
AC adapter (Charger)		ADP07	
Net weight		0.36 kg	

 Due to our continuing program of research and development, the specifications herein are subject to change without notice.

- Specifications may differ from country to country.
- Weight, with battery cartridge, according to EPTA-Procedure 01/2014

#### Intended use

The tool is intended for screw driving in wood.

#### Noise

The typical A-weighted noise level determined according to EN62841:

Sound pressure level  $(L_{pA})$ : 70 dB(A) or less Uncertainty (K): 3 dB(A)

The noise level under working may exceed 80 dB (A).

**NOTE:** The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

**NOTE:** The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

#### AWARNING: Wear ear protection.

**AWARNING:** The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

AWARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

## Vibration

The vibration total value (tri-axial vector sum) determined according to EN62841: Work mode: screwdriving without impact

Vibration emission  $(a_h)$ : 2.5 m/s<sup>2</sup> or less Uncertainty (K): 1.5 m/s<sup>2</sup> **NOTE:** The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

**NOTE:** The declared vibration total value(s) may also be used in a preliminary assessment of exposure.

**AWARNING:** The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

AWARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

#### **EC Declaration of Conformity**

#### For European countries only

The EC declaration of conformity is included as Annex A to this instruction manual.

# SAFETY WARNINGS

#### General power tool safety warnings

AWARNING: 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.

## Cordless screwdriver safety warnings

- Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring. Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.
- 3. Hold the tool firmly.
- 4. Keep hands away from rotating parts.
- 5. Do not touch the bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin.
- 6. Always secure workpiece in a vise or similar hold-down device.

## SAVE THESE INSTRUCTIONS.

**WARNING:** DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product.

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

#### Important safety instructions for built-in battery

- Before using built-in battery, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
- 2. Do not disassemble built-in battery.
- 3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.

If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.

Do not short the built-in battery:

5.

- (1) Do not touch the terminals with any conductive material.
- (2) Avoid storing built-in battery in a container with other metal objects such as nails, coins, etc.
- (3) Do not expose built-in battery to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

- Do not store the tool and built-in battery in locations where the temperature may reach or exceed 50 °C (122 °F).
- Do not incinerate the built-in battery even if it is severely damaged or is completely worn out. The built-in battery can explode in a fire.
- 8. Be careful not to drop or strike battery.
- 9. Do not use a damaged battery.

- 10. The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.
- 11. Follow your local regulations relating to disposal of battery.

## SAVE THESE INSTRUCTIONS.

# Tips for maintaining maximum battery life

- 1. Charge the built-in battery before completely discharged. Always stop tool operation and charge the built-in battery when you notice less tool power.
- 2. Never recharge a fully charged built-in battery. Overcharging shortens the battery service life.
- Charge the built-in battery with room temperature at 10 °C - 40 °C (50 °F - 104 °F). Let a hot built-in battery cool down before charging it.
- 4. Charge the built-in battery if you do not use it for a long period (more than six months).

# FUNCTIONAL DESCRIPTION

**A**CAUTION: Always be sure that the tool is switched off before adjusting or checking function on the tool.

## Charging the built-in battery

**ACAUTION:** Use only the Makita AC adapter and USB cable to charge the tool. Use of the other type AC adapter and USB cable may cause the battery to burst, result in personal injury and damage.

# **ACAUTION:** Always disconnect the charging plug from the tool after charging.

- Fig.1
- Fig.2

Connect the USB cable to the AC adapter, and then plug the AC adapter into the mains supply. Open the connector cover on the tool, and then connect the USB cable to the connector. Before the first use, be sure to charge the built-in battery. It takes approximately 3 to 5 hours to fully charge the battery. The charging time varies depending on the usage conditions and remaining battery capacity. Unplug the USB cable from the tool, and then close the connector cover.

**NOTE:** While charging, the built-in battery and AC adapter may become warm. This is normal and will continue until the built-in battery is fully charged and the AC adapter has been disconnected from the mains supply.

## Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool is placed under one of the following conditions:

## **Overheat protection**

When the tool is overheated, the tool stops automatically. In this situation, let the tool cool before turning the tool on again.

#### **Overdischarge protection**

When the battery capacity is not enough, the tool stops automatically. In this case, charge the battery.

#### Switch action

#### Fig.3

To start the tool, simply push the switch on the A side for the clockwise rotation and the B side for the counterclockwise rotation. Release the switch to stop.

**ACAUTION:** Always check the direction of rotation before operation.

**NOTICE:** Change the direction only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.

## Lighting up the front lamp

**A**CAUTION: Do not look in the light or see the source of light directly.

#### ► Fig.4

To turn on the light, press the lamp switch. To turn off the light, press the lamp switch again.

# ASSEMBLY

#### Installing or removing driver bit

#### Fig.5

To install a driver bit, push it firmly into the driver bit holder. To remove the driver bit, pull it out of the driver bit holder.

# OPERATION

**A**CAUTION: When bending the tool to use in the pistol shape or straightening to use in the straight shape, do not hold the bendable part of the tool. Failure to do so may cause your hand and fingers to be pinched and injured by this part.

#### Fig.6

The tool can be used in two ways; a straight shape and a pistol shape which are selectable according to the conditions of workplace and screwdriving.

## Screwdriving operation

#### Fig.7

Place the point of the driver bit in the screw head and apply pressure to the tool. Then switch the tool on. When the screw head and surface of the workpiece becomes flat, release the switch.

**NOTICE:** Make sure that the driver bit is inserted straight in the screw head, or the screw and/or bit may be damaged.

**NOTE:** When driving wood screw, predrill a pilot hole 2/3 the diameter of the screw. It makes driving easier and prevents splitting of the workpiece.

#### Using the tool as a hand screwdriver

#### Fig.8

Switch off the tool, and then turn the tool.

# MAINTENANCE

**A**CAUTION: Always be sure that the tool is switched off before attempting to perform inspection or maintenance.

**NOTICE:** Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

## **Disposing of tool**

A Li-ion battery is built into this tool. When disposing of the tool, be sure to bring it to Makita Authorized or Factory Service Centers to recycle the built-in battery.

# **OPTIONAL ACCESSORIES**

**A**CAUTION: These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Driver bits
- Socket bits
- AC adapter and USB cable
- Plastic carrying case

**NOTE:** Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.