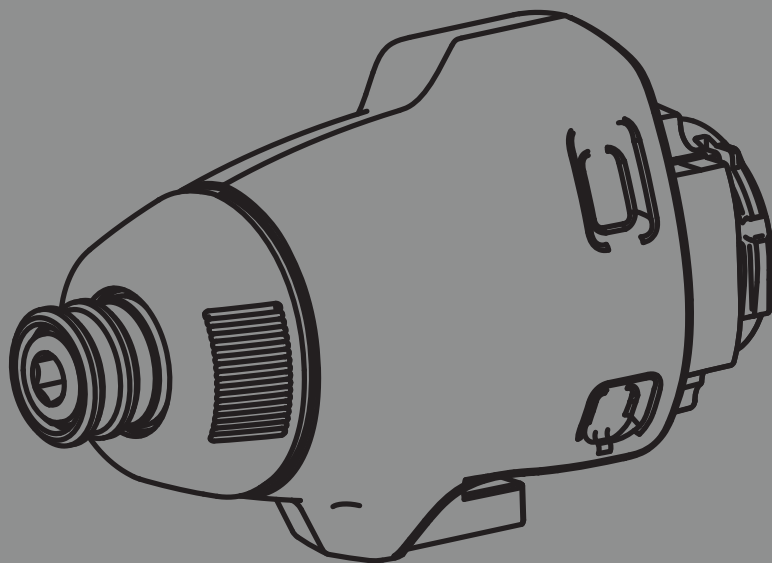


MATRIX™

QUICK CONNECT SYSTEM

IMPACT DRIVER ATTACHMENT



www.blackanddecker.com.au

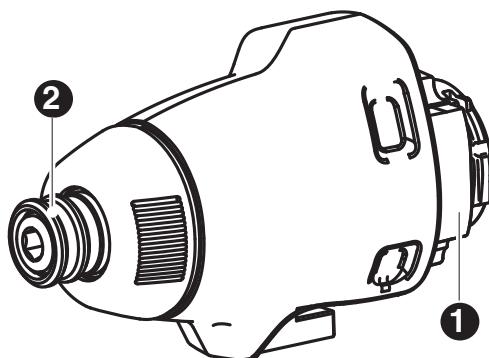
BDCMTI-XE

Australia

New Zealand

PARTS AND FEATURES

1. Impact Driver attachment
2. 6.35 mm (1/4") hex quick-release chuck



Additional accessories are available at extra cost from your local Black & Decker dealer.

Intended use

Your Black & Decker multi-purpose tool has been designed for a wide range of DIY applications. Using the impact wrench head, this tool is intended for screwdriving and nut setting applications. This tool is intended for consumer use only.

Safety instructions

General power tool safety warnings



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

General power tool safety warnings



WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions listed below may result in electric shock, fire and/or serious injury.



WARNING! Read all safety warnings and all instructions provide with your power unit (BDCDMT108-XE, BDCDMT180-XE) before using this accessory.

⚠ 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.

SPECIFIC SAFETY RULES

- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Wear ear protectors when impact drilling.** Exposure to noise can cause hearing loss.
- **Use clamps or another practical way to secure and support the work piece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
- **When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard.** Some tools with large battery packs will stand upright but may be easily knocked over.
- **Keep your hair, clothing, and gloves away from air vents.** Air vents often cover moving parts in which these items can be caught.
- **Hold tool firmly with two hands.** Loss of control can cause personal injury.
- **Wear safety goggles or other eye protection.** Hammering and drilling operations cause chips to fly. Flying particles can cause permanent eye damage.
- **Bits, sockets and tools get hot during operation.** Wear gloves when touching them.
- **Do not operate this tool for long periods of time.** Vibration caused by tool action may be harmful to your hands and arms. Use gloves to provide extra cushion and limit exposure by taking frequent rest periods.



WARNING: Impact wrenches are not torque wrenches. Do not use this tool for tightening fasteners to specified torques. An independent, calibrated torque measurement device such as a torque wrench should be used when under tightened or over tightened fasteners can lead to the failure of the joint.



WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if drilling operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- ANSI Z87.1 eye protection (CAN/CPA Z94.3),
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA respiratory protection.



WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

- **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.**

⚠ WARNING: Use of this tool can generate and/or disperse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body

SYMBOLS

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V.....volts	A.....amperes
Hz.....hertz	W.....watts
minminutes	~alternating current
==direct current	n ₀no load speed
□Class II Construction (double insulated)	⚠safety alert symbol
📖Read instruction manual before use	/min or rpm...revolutions or reciprocation per minute
👁Use proper eye protection	🧴Use proper respiratory protection
	👂Use proper hearing protection

SAVE THESE INSTRUCTIONS

OPERATING INSTRUCTIONS

⚠ WARNING: Shock hazard. Under no circumstances should this product be used near water.

⚠ WARNING: Risk of lacerations or burns. Do not touch work piece or accessory immediately after operating the tool. They can become very hot. Handle carefully. Always allow accessories and work piece to cool before handling.

⚠ WARNING: To reduce the risk of injury, turn off and remove battery from tool or disconnect plug from power source before making any adjustments or removing or installing attachments or accessories. Remove any accessory from the attachment before removing or installing the attachment.

NOTE: Refer to Power Unit instruction manual before operating this tool for all safety warnings and details on installing and removing attachments.

OPERATION

- To switch the tool on, press the variable speed switch on the power unit. The tool speed depends on how far you press the switch.
- To switch the tool off, release the variable speed switch.

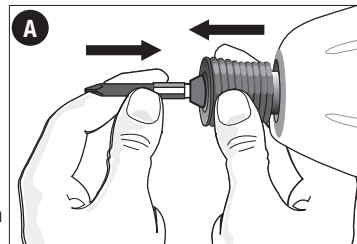
QUICK RELEASE CHUCK - FIGURE A

⚠ WARNING: Make certain to turn off and remove battery from tool or disconnect plug from power source before installing or removing accessories.

NOTE: Only use 2 inch (50mm) length, 1/4 inch (6.35 mm) hex accessories with a retaining groove to ensure the impact driver functions properly.

To install an accessory, pull the chuck collar (2) away from the front of the tool, insert the accessory, and release the collar. The accessory is locked in place.

To remove an accessory, pull the chuck collar (2) away from the front of the tool, remove the accessory and release the collar.



TROUBLESHOOTING

Problem

- Unit will not start.

Possible Cause

- Attachment is not secured.

Possible Solution

- Make certain the attachment is fully pushed into the Power Unit.

MAINTENANCE

Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

IMPORTANT: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified service personnel, always using identical replacement parts.

ACCESSORIES

⚠ WARNING: The use of any accessory not recommended for use with this tool could be hazardous. Recommended accessories for use with your tool are available from your local dealer or authorized service center. If you need assistance regarding accessories, please call: **1-800-444-224**

Use

Warning! Let the tool work at its own pace. Do not overload.

Screwdriving / nut setting

Note: Ensure the forward reverse slider is not in the locked position.

- ◆ Select the appropriate bit / socket for the screw or nut to be driven.
- ◆ Select forward or reverse rotation as described above.
- ◆ Hold the tool in line with the fastener.
- ◆ After tightening, check torque with a torque wrench.

Hints for optimum use

Screwdriving

- ◆ Always use the correct type and size of screwdriver bit.
- ◆ If screws are difficult to tighten, try applying a small amount of washing liquid or soap as a lubricant.
- ◆ Always hold the tool and screwdriver bit in a straight line with the screw.

Technical data

when operate with 18V MATRIX unit

Impact Driver		BDCMTI-XE
No-load speed	min ⁻¹	0-3100 (RPM)
Beats	min ⁻¹	0-3500 (BPM)
Max. torque (PTI Rating)	Nm	147
Chuck capacity	mm	6.35 (Hex)
Weight	g	545

Level of sound pressure according to EN 60745:

Sound pressure (L_{pA}) 96.2 dB(A), uncertainty (K) 3 dB(A)

Sound power (L_{WA}) 107.2 dB(A), uncertainty (K) 3 dB(A)

Vibration total values (triax vector sum) according to EN 60745:

Screwdriving with impact ($a_{h,IS}$) 13.1 m/s², uncertainty (K) 1.5 m/s²

Australia & New Zealand

Stanley Black & Decker

82 Taryn Drive, Epping, VIC 3076 Australia

Tel.1800 444 224 (Aust) or Tel. 0800 339 258 (NZ)