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› [Hi-Spec 12V Cordless Drill Set Instruction Manual](#)

Hi-Spec DT30327B

Hi-Spec 12V Cordless Drill Set

Model: DT30327B

Your comprehensive guide to safe and effective use.

1. PRODUCT OVERVIEW

The Hi-Spec 12V Cordless Drill Set is designed for light drilling and fast screw driving tasks around the home and garage. This versatile tool comes with a comprehensive set of drill bits and driver bits, all conveniently stored in a durable toolbox case.



Image 1.1: The Hi-Spec 12V Cordless Drill Set, showcasing the drill, battery, charger, and various drill and screwdriver bits, all neatly organized within its robust carrying case.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Hi-Spec 12V Cordless Drill Driver
- 1 x 12V 1300mAh Li-ion Rechargeable Battery
- 1 x Wall Charger
- 1 x Compact Blow Mold Carrying Case
- 5 x HSS Metal Drill Bits (various sizes)
- 5 x Brad Point Wood Drill Bits (various sizes)
- 5 x Masonry Drill Bits (various sizes)
- 29 x Screwdriver Bits (Hex, Torx, Phillips, Slotted, Pozi, Square)
- 2 x Spade Wood Drill Bits (1/2" and 5/8" flat)



Image 2.1: A detailed breakdown of the 50-piece set, highlighting the cordless drill, various HSS, masonry, and wood drill bits, along with the 29-piece screwdriver bit set.

3. SETUP AND INITIAL USE

3.1 Battery Charging

Before first use, fully charge the 12V 1300mAh Li-ion battery. Connect the included wall charger to the battery and plug it into a standard electrical outlet. The battery typically charges in 3 to 5 hours.

3.2 Attaching the Battery

Align the battery with the base of the drill handle and slide it in until it clicks securely into place. To remove, press the battery release button (if present) and slide the battery out.

3.3 Inserting Drill/Screwdriver Bits

1. Rotate the chuck counter-clockwise to open the jaws.
2. Insert the desired drill bit or screwdriver bit into the chuck, ensuring it is seated firmly.
3. Rotate the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and cannot be

pulled out easily.



Image 3.1: The Hi-Spec 12V Cordless Drill and its accessories, including the charger, neatly stored within the custom-fit carrying case, ready for transport or storage.

4. OPERATING INSTRUCTIONS

4.1 Variable Speed Trigger

The drill features a variable speed trigger. Press the trigger gently for lower speeds (up to 350 RPM) for precision screwdriving or starting holes. Press the trigger further for higher speeds (up to 1350 RPM) for rapid drilling.

4.2 Direction Switch (Forward/Reverse)

A switch located above the trigger controls the rotation direction. Push it to the left for forward (clockwise) rotation for drilling and driving screws. Push it to the right for reverse (counter-clockwise) rotation for removing screws or backing out bits.

4.3 Torque Settings

The drill features 18 torque settings, allowing you to adjust the amount of rotational force applied. Lower settings are ideal for driving small screws into soft materials to prevent overtightening or stripping. Higher settings provide more power for

larger screws or drilling. The maximum torque is 15 Newton Meters (Nm).

4.4 LED Work Light

A built-in LED light illuminates the work area when the trigger is pressed, improving visibility in dimly lit spaces.



Image 4.1: Key features of the drill, including the 18 torque settings, LED work light, variable speed trigger, ergonomic TPR grip, and battery release mechanism.

4.5 Applications

This drill is suitable for:

- Drilling into wood, plastic, drywall/plasterboard, ceramics, and soft metals.
- Driving and removing screws for assembling furniture, installing shelves, hanging frames, and other light-duty fastening tasks.

Important Note: This drill is **not** suited for drilling into hardened metals, brick, concrete, porcelain, or floor tiles. Using it on these materials may damage the tool or the material.



Image 4.2: The cordless drill in action, demonstrating its use for drilling into wood, a common DIY application.



Image 4.3: The cordless drill being used to drive a screw into a wooden fence post, illustrating its utility for fastening tasks.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the drill and its accessories. Use a dry cloth to wipe away dust and debris. Do not use harsh chemicals or abrasive cleaners. Keep the ventilation openings clear to prevent overheating.

5.2 Battery Care

To prolong battery life, avoid fully discharging the battery before recharging. Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the battery to approximately 50% capacity.

5.3 Bit Care and Storage

After use, clean any debris from the drill bits and screwdriver bits. Store all components in the provided toolbox case to protect them from damage and loss.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drill does not turn on.	Battery is not charged or not properly inserted.	Ensure battery is fully charged and securely clicked into place.
Drill lacks power or stops during use.	Battery is low on charge.	Recharge the battery.
Bit slips in chuck.	Chuck not tightened sufficiently or bit shank is dirty.	Tighten chuck firmly. Clean bit shank before inserting.
Overheating during operation.	Prolonged heavy use or blocked ventilation.	Allow drill to cool down. Ensure ventilation slots are clear. Avoid excessive pressure.

7. SPECIFICATIONS

Feature	Specification
Brand	Hi-Spec
Model Number	DT30327B
Power Source	Battery Powered
Voltage	12 Volts
Amperage	1.3 Amps
Maximum Rotational Speed	1350 RPM
Maximum Torque	15 Newton Meters
Maximum Chuck Size	0.38 Inches
Battery Type	Lithium Ion
Battery Capacity	1300mAh
Charge Time	3 - 5 hours
Number of Speeds	2 (Variable)
Item Weight	4.38 pounds (1988 Grams)
Product Dimensions	10.04 x 10.24 x 3.94 inches
Included Components	Drill Bits, Screwdriver Bits, Battery, Charger, Case
Material	Metal
Color	Blue

Feature	Specification
UPC	884540160413

8. WARRANTY AND SUPPORT

8.1 Warranty Information

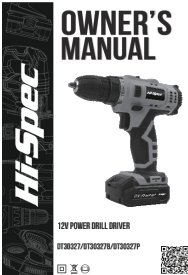
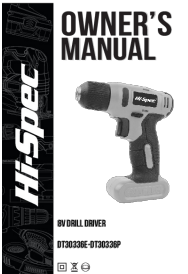
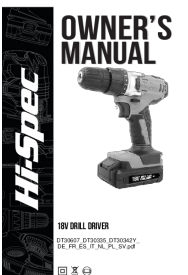
Hi-Spec warrants all of its products against defective workmanship and faulty materials. Hi-Spec undertakes, at its option, to repair or replace, free of charge, each product thereof from the date of purchase, with conditions, together with a valid purchase order identification number or valid proof of purchase.

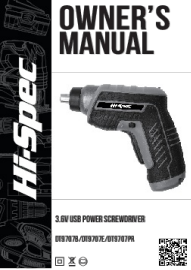

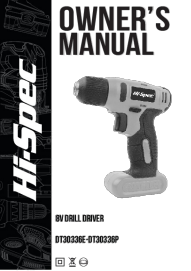
- **Power Tools:** 3 years
- **Batteries & Chargers:** 1 year
- **Hand Tools:** Lifetime of tool

8.2 Customer Support

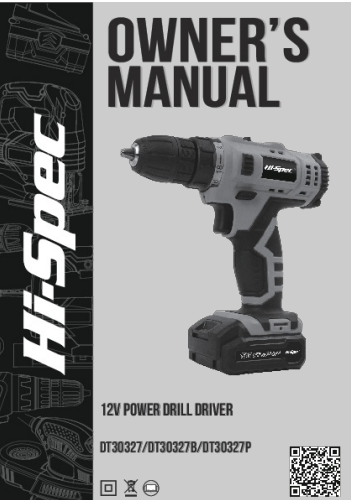
For any questions, technical assistance, or warranty claims, please contact Hi-Spec customer support through the retailer's platform or visit the official Hi-Spec website for contact details.

Related Documents - DT30327B

	<p>Hi-Spec 12V Power Drill Driver Owner's Manual - DT30327 Series</p> <p>Comprehensive owner's manual for the Hi-Spec 12V Power Drill Driver (models DT30327, DT30327B, DT30327P). Includes safety instructions, operating procedures, specifications, charging, and maintenance information.</p>
	<p>Hi-Spec 8V Drill Driver DT30336E-DT30336P User Manual</p> <p>Comprehensive user manual for the Hi-Spec 8V Drill Driver, models DT30336E and DT30336P. Includes safety instructions, assembly, usage, charging, maintenance, and technical specifications.</p>
	<p>Hi-Spec 18V Drill Driver Owner's Manual</p> <p>Owner's manual for the Hi-Spec 18V Drill Driver (models DT30607, DT30335, DT30342Y). Covers safety, operation, assembly, maintenance, and specifications for this cordless power tool.</p>

 <p>OWNER'S MANUAL</p> <p>3.6V USB POWER SCREWDRIVER</p> <p>DT9707B/DT9707E/DT9707PR</p>	<p>Hi-Spec 3.6V USB Power Screwdriver Owner's Manual - DT9707B/DT9707E/DT9707PR</p> <p>Comprehensive owner's manual for the Hi-Spec 3.6V USB Power Screwdriver (models DT9707B, DT9707E, DT9707PR). Includes safety warnings, operating instructions, specifications, maintenance, and disposal information.</p>
 <p>OWNER'S MANUAL</p> <p>12V POWER DRILL DRIVER</p> <p>DT30327/DT30327B/DT30327P</p>	<p>Hi-Spec 12V Power Drill Driver Owner's Manual - DT30327 Series</p> <p>Comprehensive owner's manual for the Hi-Spec 12V Power Drill Driver (models DT30327, DT30327B, DT30327P). Includes safety instructions, operating procedures, specifications, charging, and maintenance information.</p>
 <p>OWNER'S MANUAL</p> <p>8V DRILL DRIVER</p> <p>DT30336E-DT30336P</p>	<p>Hi-Spec 8V Drill Driver DT30336E-DT30336P User Manual</p> <p>Comprehensive user manual for the Hi-Spec 8V Drill Driver, models DT30336E and DT30336P. Includes safety instructions, assembly, usage, charging, maintenance, and technical specifications.</p>

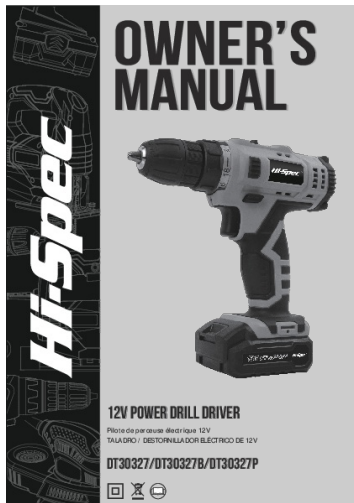
Documents - Hi-Spec – DT30327B



[Hi-Spec 12V Power Drill Driver Owner's Manual - DT30327 Series](#)

Comprehensive owner's manual for the Hi-Spec 12V Power Drill Driver (models DT30327, DT30327B, DT30327P). Includes safety instructions, operating procedures, specifications, charging, and maintenance information.

lang:en score:40 filesize: 4.04 M page_count: 8 document date: 2025-01-22



[\[pdf\]](#) User Manual Instructions

DT30327 DT30327B DT30327P AUK EU US 12V Power Drill DriverWORK AREA SAFETY a Keep work area clean and well lit Cluttered or dark areas invite accidents b Do not operate power tools in explosiveC16h3XSs3SLm media amazon images I C16h3XSs3SL ref dp product quick view ||| 12V Power Drill Driver Pilote de perceuse lectrique 12V TALADRO / DESTORNILLADOR ELCTRICO DE 12V DT30327/**DT30327B**/DT30327P Important It is essential that you read the instructions in this manual before operating this machine. Manuel d utilisateur Pilote de perceuse lectrique 12V Important Il est... lang:en **score:17** filesize: 4.96 M page_count: 14 document date: 2025-02-17