



# Cordless Driver Drill Cordless Hammer Driver Drill DDF490 13 mm (1/2") / DHP490 13 mm (1/2")

Satisfy Professional's Needs



The maximum torque of  
65 N·m with a powerful  
brushless motor

Photo: DDF490

## Cordless Driver Drill

### DDF490

Action modes



Drilling



Screwdriving



## Cordless Hammer Driver Drill

### DHP490

Action modes



Drilling



Hammer drilling



Screwdriving



\*Except when the BLB182 battery is installed

# Lightweight and compact, easy to handle even in narrow spaces

**BL  
MOTOR**

Lightweight at

**1.4 kg**

With BLB182 battery,  
BL1815N battery

**Compact overall length**

DDF490: 167mm, DHP490: 172mm  
Predecessor Model: 169mm, 182mm

**Mechanical 2-speed**

High speed for light duty:  
0 - 1,900 min<sup>-1</sup>

Low speed for heavy duty:  
0 - 500 min<sup>-1</sup>

**Single sleeve keyless chuck**

allows for easy bit installation/removal  
with one hand.

**Capacity of drill chuck**

1.5 mm (1/16") - 13 mm (1/2")

**LED job light**

Single LED with preglow and afterglow functions



**Variable speed  
control by trigger**

allows for speed adjustments based  
on the material or application.

**20-stage torque settings**

allow for fine adjustments to  
suit the task at hand.

**Hook can be attached**  
(Optional accessories)

Short: part No. 346449-3

Standard: part No. 346317-0



**Battery and charger compatibility**



Charge the LXT batteries with the LXT battery chargers and  
the LXT BASIC battery with the LXT BASIC battery charger.

**XPT**\*

\*Except when the BLB182  
battery is installed



Photo: DDF490

**Charging Time**

	<b>DC18RC</b> <small>Fast Charging</small>	<b>DC18SD</b>
<b>BL1815N</b> 1.5Ah	<b>15 min</b>	<b>30 min</b>
<b>BL1820B</b> 2.0Ah	<b>24 min</b>	<b>45 min</b>
<b>BL1830B</b> 3.0Ah	<b>22 min</b>	<b>60 min</b>
<b>BL1840B</b> 4.0Ah	<b>36 min</b>	<b>90 min</b>
<b>BL1850B</b> 5.0Ah	<b>45 min</b>	<b>110 min</b>
<b>BL1860B</b> 6.0Ah	<b>55 min</b>	<b>130 min</b>
<b>BLB182</b> 2.0Ah	<b>90 min</b>	

**Cordless Driver Drill**

**DDF490 13 mm (1/2")**

**Cordless Hammer Driver Drill**

**DHP490 13 mm (1/2")**

	<b>DDF490</b>	<b>DHP490</b>
Variable Speed	No load speed High: 0 - 1,900 min <sup>-1</sup> Low: 0 - 500 min <sup>-1</sup>	High: 0 - 1,900 min <sup>-1</sup> Low: 0 - 500 min <sup>-1</sup>
Brake	Impacts per minute	High: 0 - 28,500 min <sup>-1</sup> Low: 0 - 7,500 min <sup>-1</sup>
Reversing	Capacity	Steel: 13 mm (1/2") Wood: 38 mm (1-1/2") Masonry: 13 mm (1/2")
Mechanical 2-Speed	Max torque	65 N·m (580 in.lbs.)
Keyless Chuck	Max fastening torque	Hard: 50 N·m (440 in.lbs.) Soft: 27 N·m (240 in.lbs.)
Torque Setting 20	Chuck capacity	13 mm (1/2")
Built-in Job Light	Vibration level**	Drilling into metal: 2.5 m/s <sup>2</sup> or less
Carrying Case	Vibration K factor**	8.1 m/s <sup>2</sup>
<b>Standard Equipment:</b>	Sound pressure level **	1.5 m/s <sup>2</sup>
Hand strap, Battery, Charger	Sound power level**	88 dB(A)
**EN62841-2-1	Noise K factor **	96 dB(A)
	Dimensions(L x W x H)	3 dB(A)
	DDF490: 167 x 81 x 237 mm (6-9/16 x 3-3/16 x 9-3/8")	172 x 81 x 237 mm (6-3/4 x 3-3/16 x 9-3/8")
	Dimensions (Battery)	BL1820B
	Net weight	1.4 - 1.7 kg (3.1 - 3.7 lbs.)
	Net weight (Battery)	BL1815N - BL1860B

The weight may differ depending on the attachment(s), including the battery cartridge.  
The lightest and heaviest combination are shown in the table.  
Items of standard equipment and specifications may vary by country or area.

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