

# ESB4-SXI Series

INDUSTRIAL AUTO SHUT-OFF IMPACT DRIVER



# NOT YOUR REGULAR IMPACT!!

The Delta Regis Tools ESB4-SXI Series is an automatic shut-off impact tool designed specifically for production/assembly applications.

Impact tools are excellent for administering high rotational torque with little to no reaction force to the operator. This is perfect in handheld applications where using a torque reaction arm is difficult or unmanageable.

The automatic shut-off function can be programmed to a desired Impact Force and fine-tuned through the impacts setting.

With a maximum of 99 x 6 possible combinations the tool can be dialed in to your specific torque requirement.

Cross-threading and Strip-out detection can be achieved through the tool's parameter settings.



# Tool Capabilities



- ▶ High speed helps increase user efficiency
- ▶ Batch counting function
- ▶ Run in Reverse (Counter-clockwise operation) function
- ▶ Ignore friction function helps to further increase repeatability when working with multiple joint types and material
- ▶ Easily programmable with DR-IRC1 IR Remote Control
  - ▶ Includes settings lock out function to help avoid tampering
- ▶ Customize up to 5 separate application programs, which are a combination of impact force, impact blows and screw rotation parameters which can be used individually or in sequence
- ▶ Internal voltage monitoring ensures fastening consistency by disabling the tool if battery levels are less than optimal
- ▶ OK & NG indicator provides instant feedback to the user helping to detect cross-threading and stripping

# Programmable Settings



- ▶ **Program:** Allows you to save and store up to 5 programs and can be used in sequence
- ▶ **Batch Count:** Allows you to program the number of screws to be fastened
- ▶ **Force:** Allows you to choose between low medium and high hammer blow strength
- ▶ **Impacts:** Allows you to fine-tune the rundown to achieve desired torque
  - ▶ (1~99) for ESB4-SXI-70 & ESB4-SXI-100
  - ▶ (1~50) for ESB4-SXI-50
- ▶ **Limit:** Allows you to program the number of threads(rotations) in a proper fastening. For example, if desired torque is reached before reaching the preset thread count(rotations) an error (Red light/Continuous beeping) will occur indicating potential cross thread
- ▶ **Sequence:** Once you have dialed in your desired settings under each program(step a.) use the program + / - buttons to display the first program in the sequence and hit the “Ps” button. If sequenced properly you will see 3 dots at the bottom of the screen indicating the program was added to sequence
- ▶ **Device Lock:** Allows you to lock the tool helping to avoid settings being tampered with

# Specifications



Specifications			
Model	ESB4-SXI-50	ESB4-SXI-70	ESB4-SXI-100
Input Voltage	10.8V	14.4V	
Speed (RPM)	0~1900	0~2600	0~2000
BPM	0~2500	0~3400	0~2600
Torque Range	5~50 Nm (3.7~36.9 ftlb)	20~70Nm (14.7~51.6 ftlb)	20~100 (14.7~73.7 ftlb)
Recommended Fastener Size (Class 12.9)	M6 / M8 / M10 / M12	M8 / M10 / M12 / M14	M10 / M12 / M14 / M16
Torque Range Capability (Based on fastener size)	M6 - 3~20Nm (2.2~14.7 ftlb)	M8 - 8~30Nm (5.9~22.1 ftlb)	M10 - 8~40Nm (5.9~40 ftlb)
	M8 - 3~20Nm (2.2~14.7 ftlb)	M10 - 8~40Nm (5.9~29.5 ftlb)	M12 - 20~70Nm (14.7~51.6 ftlb)
	M10 - 5~30Nm (3.7~22.1 ftlb)	M12 - 20~60Nm (14.7~44.2 ftlb)	M14 - 20~90Nm (14.7~66.3 ftlb)
	M12 - 12~50Nm (8.8~36.8 ftlb)	M14 - 25~70Nm (18.4~51.6 ftlb)	M16 - 28~100Nm (20.6~73.7ftlb)
Drive Type	1/4" Hex		3/8" Square
	3/8" Square		**Available in 1/2" Square Special Order**
Weight (Less Battery)	0.98 kg (2.1 lbs)	1.0 kg (2.2 lbs)	
Dimensions (Less Battery)	174x202mm (6.8x7.8")		
Battery	SKC-LB1025M	SKC-LB1425	
Charger	ESB-CHG50XA	ESB-CHG70	
Optional Accessories	DR-IRC1		



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