

**CRL C.R. LAURENCE CO., INC.**

# **Cordless Caulking Gun**

## **Instruction Manual**



# **CAT. NO. LD188**

**Keep this manual in a safe and dry place for future reference. You will need this manual to read the safety instructions, operating and maintenance procedures, and parts diagram.**

### **Safety Warning and Precautions.**

**Warning: When using this tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to the equipment.**

# SAFETY INSTRUCTIONS

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## SPECIFICATIONS

- **Battery: 12V DC, 1300mAH Ni-cd**
- **Speed: 5/8"-6-1/4"/min (15-160mm/m)**
- **Thrust: 110lbs. (50kg)**
- **3-5 Hours Charge Time**

### Read these Operating Instructions carefully before use!

1. **Keep work area clean.**
2. **Do not use machines or power tools in damp or wet locations.** Do not expose to rain.
3. **Work in a well lighted area.** Do not use tools in the presence of flammable gases or liquids.
4. **Keep children away from work area.** Children must never be allowed in the work area. Do not let them handle machines, tools, or extension cords.
5. **Storing equipment.** When not in use, tools must be stored in a dry location to minimize rusting. Always lock up tools and keep out of the reach of children.
6. **Do not force the tool.** Power tools perform better at the rate of which they are intended. Do not use inappropriate attachments in an attempt to exceed the tool capacity. Use with lightweight low viscosity sealants only.
7. **Use the right tool for the job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. Do not use tool for any purposes for which it was not intended.
8. **Dress properly.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
9. **Use eye and ear protection.**
10. **Disconnect power.** Remove battery when not in use.
11. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
12. **Replacement parts and accessories.** Only use accessories intended for use with this tool.

**NOTE:** The warnings and instructions contained in this manual cannot cover all possible conditions and situations that may occur when using this product. It must be understood that common sense and caution are factors which cannot be ignored by the person operating the tool.

# **SAFETY INSTRUCTIONS**

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## **Battery Safety Warnings and Precautions**

1. Read all instructions and warnings on the Battery Pack before charging.
2. To avoid accidents, charge the supplied Battery Pack only. Do not use a different Charger with this battery.
3. Do not expose the Battery Pack to rain or wet conditions.
4. To avoid damage of cable and plug, never pull on the cable to disconnect the Charger.
5. Do not use the Charger if the cable or plug are damaged.
6. Repairs should only be carried out by experts.
7. Do not touch the battery poles with any conductive source.
8. Do not store the Battery Pack in a box with other metal objects.
9. Do not throw the Battery Pack in a fire. Dispose of or recycle properly.

## **Unpacking**

When unpacking, check the parts diagram and parts number listing to make sure that all parts are included. If any part of the tool is missing or broken, please contact CRL Customer Service for instructions.

1. The Battery Pack requires charging. The first charge requires 5 hours charging time prior to using the Caulking Gun.
2. When the Battery Pack requires re-charging, 3 to 5 hours charge allows the tool to operate at full power. Do not re-charge the Battery Pack longer than 5 hours, as damage to the Battery Pack and/or Charger will occur.
3. Insert the Battery Pack into the charging socket of the Charger. Then, plug the Charger into the nearest grounded electrical outlet.
4. Both the green light and red light on the Charger will automatically turn on, indicating the Charger has switched to the charge mode.
5. The Battery Pack will be fully charged in approximately 5 hours. Both the green and red lights will still be on. Remove the Battery Pack from the Charger, and disconnect the Charger from its electrical outlet.

**NOTE:** The temperature of the Battery Pack may increase during use and shortly after use. The Battery Pack may not accept a full charge if it is charged immediately after use. Allow the Battery Pack to cool to room temperature before charging for best results.

# SAFETY INSTRUCTIONS



Figure A

## Operation

To install a tube of sealant follow the steps shown below:

1. Remove the Battery Pack from the gun housing.
2. Depress the plunger release switch and pull back on the plunger until it stops at the Tube Holder Cap (#30).
3. Unscrew the Tube Holder Cover (#31).
4. Put the new sealant tube into the Aluminum Tube Holder (#32).
5. Cut tip of cartridge nozzle to desired width.
6. Tightly screw on the Tube Holder Cover (#31).
7. Put the battery into the Gun Housing (#2).
8. To activate the gun depress the Trigger Switch (#4).
9. To stop the flow of sealant, release the trigger. Flow will slow once trigger is released. To completely stop the flow slightly loosen the Tube Holder Cover (#31). If desired, push Plunger Release Switch (#33) forward and retract Plunger (#28).
10. When finished using the gun, always fully charge the Battery Pack before the next use.
11. Always remove the Battery Pack before making any adjustments to the gun.

# SAFETY INSTRUCTIONS

## Maintenance

1. When finished using the gun, always remove the Tube Holder (#31) and the Tube Holder Cap (#30).
2. Regularly inspect screws and Tube Holder Cap to assure that they are properly tightened.
3. Keep the Tube Holder (#31) and Piston Joint (#18) clean and in proper working order.
4. Always release the Forwarding Shaft (#27) back to the correct position after use.
5. Keep motor air vents clean of dust and debris; vacuum periodically.
6. If the tool is not operating normally, making unusual noises, or appears defective, stop using it immediately and have it repaired by a qualified technician.
7. Clean tool with a damp cloth and light detergent. Do not use solvents as they can damage and crack the plastic parts.

## PARTS DIAGRAM CHART

ITEM NO.	DESCRIPTION	QTY.
1	Housing A	1
2	Housing B	1
3	Inserted Sheet	1
4	Switch	1
5	PCB board	1
6	Speed Gear	1
7	Heat Sink	1
8	Motor	1
9	Motor Gear	1
10	Tapping Screw	2
11	Cover Gear	1
12	Spring	1
13	Washer	1
14	Spacer	1
15	Cover Plate	1
16	Cover Gear	1
17	Nut	1
18	Position Joint	1
19	Washer	1
20	Bushing	1
21	Copper Sleeve	1
22	Spring Bracing	1

ITEM NO.	DESCRIPTION	QTY.
23	Long Spring	1
24	Driving Plate	1
25	Short Spring	1
26	Stop-Driving Plate	1
27	Hex Shaft	1
28	Puller	1
29	Tapping Screw	2
30	Tube Holder Cap	1
31	Tube Holder Cover	1
32	Aluminum Tube Holder	1
33	Moving Lock	1
34	Tapping Screw	5
35	Battery Housing Plate	1
36	Battery	1
37	Battery Housing	1
38	Battery Button	2
39	Steel Sheet	2
LD188C	110 Volt Charger	
LD188C240VEU	220 Volt Charger	
LD188C240VAU	240 Volt Charger	

# PARTS DIAGRAM

