

EN – 18V LI-ION CORDLESS AIR COMPRESSOR – CAP110

OPERATION MANUAL

WARNING: PLEASE READ THE MANUAL CAREFULLY BEFORE USING THE UNIT!



- A. Pneumatic hose
- B. Ball adapter
- C. Tapered adapter
- D. ON/OFF trigger
- E. Battery
- F. Battery release button
- G. Pressure gauge
- H. Air chuck
- I. Hose storage area
- J. Self-locking switch
- K. Charger
- L. LED light

EXPLANATION OF THE SYMBOLS

	Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.
	This device is suitable for indoor use only.
	Protection class II: Device equipped with a reinforced insulation without metallic part accessible. Does not require a plug connected to the earth.
	Take defective components to a special refuse collection point. Ask about these at your specialist shop or local council.

SAFETY INSTRUCTIONS



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. **Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. WORK AREA SAFETY

- a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

- a. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3. PERSONAL SAFETY

- a. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust related hazards.

4. POWER TOOL USE AND CARE

- a. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5. BATTERY TOOL USE AND CARE

- a. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- c. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6. SERVICE

- a. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

7. SAFETY WARNINGS FOR BATTERY

- a. Never attempt to open or modify battery for any reason. Released electrolyte is corrosive and may cause damage to eyes and skin. It may be toxic if swallowed.
- b. Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
 - Carefully wipe the liquid off using a cloth. Avoid skin contact.
 - In case of skin or eye contact, follow the instructions below.
 - The battery fluid, a 25 - 30% solution of potassium hydroxide, can be harmful. In case of skin contact, immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar. In case of eye contact, rinse abundantly with clean water for at least 10 minutes.
- c. Do not expose to water.
- d. Do not store in locations where the temperature may exceed 40 °C.

- e. Charge at room temperature: 0 °C - 45 °C. It is normal for the battery charger to hum and be warm but not hot during operation.
- f. Charge only using the charger provided with the tool.
- g. Before charging, make sure that the battery is dry and clean.
- h. Use only the battery supplied with your tool.
- i. Exercise care in handling and storing batteries in order not to short them with conductive materials such as rings, keys, coins. There is a real risk of the battery or the conductor overheating, causing fire or burns.
- j. Do not dispose of battery in fire. It may explode. Follow instructions and regulations given by local authorities concerning environmental protection. Dispose of old batteries at an appropriate waste disposal facility.

8. SAFETY WARNINGS FOR CHARGERS

- a. Before using the charger and the battery pack, read the instruction manual carefully.
- b. During charging, the electrical current used must correspond to the specifications of the battery charger.
- c. Never allow moisture, rain or splash to reach the recharging location.
- d. The ambient temperature should never exceed 40 °C. Never expose the unit to direct sunlight.
- e. A faulty or damaged battery pack or no longer accepting a load must be disposed of at a special collection point. Respect the environment. Do not dispose of an unusable battery pack with household waste in the fire or in water.
- f. Use only the battery pack supplied by the manufacturer.
- g. Always keep the surface of the charger free of dust and dirt.
- h. Insert the battery pack into the charger. Follow the polarity guides.
- i. Always remove the battery pack before performing any operation on the device.
- j. When the battery is disconnected from the tool, cover the contacts to avoid a short circuit (e.g. from tools).
- k. Do not throw the battery in water or fire, risk of explosion!
- l. Protect the battery case from shocks and do not open it.
- m. Never discharge the battery completely and recharge it regularly if you do not use it for an extended period of time.
- n. Indoor use only. Do not recharge the battery in rain or in wet conditions.



WARNING!

This device produces an electromagnetic field during operation. This field may interfere in certain circumstances with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend that people with medical implants consult with their physician and the medical implant manufacturer before using this device.

9. INTENDED USE

The appliance is intended for inflating car and bicycle tyres, and inflatable items for games, sport and leisure, but not for pumping up inflatable items with a large volume, such as inflatable boats and very large air beds. The appliance is not intended for professional use.

10. ADDITIONAL SAFETY INSTRUCTIONS

1. Know your air compressor. Read operator's manual carefully.
2. Learn its applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.
3. Risk of bursting. Do not operate air compressor to result in output pressure greater than marked maximum pressure of item to be inflated. Do not use at pressure greater than 7.5 bar.
4. To reduce the risk of electric shock, do not expose to rain. Store indoors.

5. Inspect unit for cracks, pin holes, or other imperfections that could cause air compressor to become unsafe.
6. Never cut or drill holes in the air compressor.
7. Make sure the hose is free of obstructions or snags.
8. Entangled or snarled hoses can cause loss of balance or footing and may become damaged.
9. Use the air compressor only for its intended use. Do not alter or modify the unit from the original design or function.
10. Always be aware that misuse and improper handling of this air compressor can cause injury to yourself and others.
11. Never leave an air compressor unattended with the air hose attached to the item being inflated.
12. Do not continue to use a air compressor or hose that leaks air or does not function properly.
13. Always disconnect the air supply and power supply before making adjustments, servicing an air compressor, or when an air compressor is not in use.
14. Do not attempt to pull or carry the air compressor by the hoses.
15. Always follow all safety rules recommended by the manufacturer of your air compressor, in addition to all safety rules for the air compressor. Following this rule will reduce the risk of serious personal injury.
16. Household use only.
17. Do not use air compressor as a breathing device.
18. Never direct a jet of compressed air toward people or animals. Take care not to blow dust and dirt towards yourself or others. Following this rule will reduce the risk of serious injury.
19. Protect your lungs. Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.
20. Do not use this air compressor to spray chemicals. Your lungs can be damaged by inhaling toxic fumes.
21. Check damaged parts. Before further use of the air compressor or air tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
22. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center. Following this rule will reduce the risk of shock, fire, or serious injury.
23. Constantly stay aware of cord location. Following this rule will reduce the risk of electric shock or fire.
24. Risk of bursting. Carefully monitor objects during inflation.
25. To reduce the risk of overinflation, use a reliable pressure gauge periodically during inflation. The pressure gauge on the air compressor is for reference only and is therefore not binding for exact values.
26. Never leave the air compressor unattended during inflation.
27. Allow pump to cool for five (5) minutes after each five (5) minutes of continuous use. Never block the inflating or deflating outlets while operating.
28. Save these instructions. Refer to them frequently and use them to instruct others who may use this air compressor.
29. If you loan someone this air compressor, loan them these instructions also.

USE AND FUNCTION (FIG. 1)

INSTALLING AND RELEASE THE BATTERY PACK

Set Forward/Reversing lever to the center (off position). Slide charged battery pack into the housing until the battery pack locks into position. To remove the battery pack, press the battery pack release button and slide the battery pack forward.

CHARGING THE BATTERY

Do not use other battery chargers. The supplied battery charger is designed for the Lithium-ion battery in your machine. This charger is suitable for indoor use only.

NOTE: The battery is supplied partially charged. To ensure full capacity of the battery, completely charge the battery with the battery charger before using your power tool for the first time. The Lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

The charging procedure begins as soon as the mains plug of the battery charger is plugged into a socket outlet and the charge connector is plugged into the socket on the side of the battery. The battery charge indicator on the plug shows the charging process. During the process the indicator shows a red/green light. When the battery charge indicator shows a green light, the battery is fully charged.

During the procedure, the handle of the tool warms up, this is normal.

The battery requires 3 - 5 hours to fully charge. Disconnect the battery charger from the mains supply when not in use.

NOTE: The power tool cannot be used during the charge procedure.

START SWITCH AND SELF-LOCKING SWITCH

1. When press start switch, push self-locking switch up, which will make the switch in LOCK- ON. This guarantees the safety for the user and of the tool.
2. After the pressure enough, pressing the start switch, then the self-locking switch will sprang back down.

LED WORKING LIGHT

CAUTION: Do not look directly into the light or the source of light.

ACCESSORIES

The supplied accessories perform a variety of functions. The tapered adaptor can be used on smaller pinch valves to inflate small items like children's toys, which usually require the user to inflate them by blowing air into them. The sport ball needle can be used to inflate any type of sports ball or any other item that requires an inflation sport ball needle.

NOTE: When inflating items of 0.7 bar (10 psi) or less, inflate in short bursts and check after each burst by feel or with a calibrated measuring device to determine accurate pressure.

USING THE AIR COMPRESSOR

1. Install the battery pack.
2. Position air chuck clamp in the unlock position perpendicular to the air hose.
3. Place the air chuck on the valve stem.
4. Push the air chuck down so that the threaded section of the valve stem is inside the air chuck.
5. Clamp the end of the air chuck down onto the valve stem by pressing air chuck clamp down until it stops or is parallel with the air hose.

MAINTENANCE AND STORAGE



CAUTION!

Do not use any products that may damage the unit (abrasives, corrosives, alcohol, steam cleaners, abrasive rags, scrapers, etc.). Do not put the unit in a dishwasher for cleaning!

The unit must be completely switched off, disconnected and cooled before cleaning.

MAINTENANCE

- When necessary, you can clean the unit body with a soft, dry cloth.
- Check that the machine has not been damaged. If the machine is damaged, we recommend you to call a qualified technician to inspect the machine and make necessary repairs.
- When necessary, charge the battery.

STORAGE

Store the tool and its accessories in a dry, frost-free place. The tool should always be kept out of the reach of children. We recommend to store the tool in its original packaging or covering it with a suitable fabric to protect it from dust.

TECHNICAL SPECIFICATIONS

MODEL	CAP110	
Voltage	18 Vdc	
Maximum pressure	7.5 bar	
Charger	Input 100 - 240V ~ 50/60Hz, 0.3A	
	Output 20V dc 0.3A	
DECLARATION OF SOUND LEVEL ACCORDING TO EN 60745		
Sound pressure level	L _{PA} , d: 81 dB(A) K = 3 dB(A)	
Sound power level	L _{WA} , d: 95 dB(A) K = 3 dB(A)	
DECLARATION OF VIBRATION LEVEL ACCORDING TO EN 60745		
Vibration level (m/s ²)	3.6	
Uncertainty (m/s ²)	K = 1.5	
Quick Recharging	Battery voltage	18V DC
	Charging time	3 - 5 hours



WARNING:

The declared vibration total value has been measured in accordance with standard EN 60745 test method and may be used for comparing one tool with another; The declared vibration total value may also be used in a preliminary assessment of exposure.

That the vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used; and of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

INSTRUCTIONS FOR THE PROTECTION OF THE ENVIRONMENT (WEEE, the waste electrical and electronic equipment directive)



Your product has been manufactured from high quality materials and components which can be recycled and used again. At the end of its life, this product cannot be disposed of in normal domestic waste, but must be taken to a special collection point for the recycling of electrical and electronic equipment. The waste container marked with a cross symbol on the item, in the user manual and on the packaging informs you of this. The raw materials used are suitable for recycling.

By recycling used appliances or raw materials you are making an important contribution to the protection of our environment. You can find out the location of your nearest collection point from your local council.

Do not dispose of batteries in your household waste. To dispose of the batteries, take them to your local recycling station. Contact your local government offices for details.

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