

TOPEX

SKU:TXAP20V011

TX011

OWNER'S MANUAL

20V MAX CORDLESS AIR PUMP



Thank you for buying this **20V MAX CORDLESS AIR PUMP!**
Please read this manual carefully before using the product.

DESCRIPTION OF SYMBOLS

v	Volts	psi	Pounds per square inch
bar	Unit of pressure	mm	Millimeters
/min	Revolutions per minute	n ₀	No load speed
≡	Direct current	kPa	Kilopascal
□	Double insulated	☞	Do not expose to rain
⚡	Regulatory Compliance Mark (RCM)	bpm	Beats per minute
📖	Read Instruction Manual	⚠	Warning



GENERAL POWER TOOL SAFETY WARNINGS

⚠ 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

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.

INFLATOR SAFETY WARNINGS

- Risk of bursting. Do not preset the product resulting in its output pressure to be greater than the marked maximum pressure of the item to be inflated. Do not use at pressure greater than 120 PSI(8 bars).
- Make sure the hose is free of obstructions or snags. Entangled or snarled hoses can cause loss of balance or footing and may be damaged.
- Never leave the product unattended with the hose still connected and operating.
- To reduce the risk of electrical shock, do not put the product in water or other liquid. Do not place or store an appliance where it can fall or be pulled into a tub or sink.
- Discontinue use if the product does not function properly or the hose leaks.
- Do not attempt to pull or carry the product by the hose.
- Never direct any compressed air or blow any dust toward people or animals.
- Store indoors.
- Always disconnect the air and power supply before making adjustments and servicing, or when not in use.
- Inspect yearly for cracks, pin holes or other imperfections that could cause the product to become unsafe. Never cut or drill holes in the product.
- Know your your product. Read operator's manual carefully. 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.
- To reduce the risk of electric shock, do not expose the product to rain. Store indoors.
- Inspect the product for cracks, pin holes, or other imperfections that could cause the product to become unsafe.
- Never cut or drill holes in the product.
- Use the product only for its intended use. Do not alter or modify the product from the original design or function.
- Do not attempt to modify this product or create accessories or attachments not recommended for use with the product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.
- Always be aware that misuse and improper handling of the product can cause injury to yourself and others.
- Always follow all safety rules recommended by the manufacturer of the product, in addition to all safety rules for the product. Following this rule will reduce the risk of serious personal injury.
- Household use only.
- Do not use the product as a breathing device.
- 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.
- 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.
- Do not use the product to spray chemicals. Your lungs can be damaged by inhaling toxic fumes.
- Check damaged parts. Before further use of the product 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. 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.
- Risk of bursting. Carefully monitor objects during inflation.
- To reduce the risk of over inflation, use a reliable pressure gauge periodically during inflation. The pressure gauge on the product is for reference only and is therefore not binding for exact values.
- Allow the product to cool for five (5) minutes after every five (5) minutes of continuous use. Never block the inflating or deflating outlets while operating.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this inflator. If you loan someone this inflator, loan them these instructions also.

■ Ambient temperature range for tool during operation is between 0°C and 40°C.

■ Ambient temperature range for tool storage is between 0°C and 40°C.

■ The recommended ambient temperature range for the charging system during charging is between 10°C and 38°C.

BATTERY & CHARGER SAFETY WARNINGS

Before using the charger or battery read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack. Do not lose these safety instructions.

BATTERY WARNINGS

1. The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.

2. For optimum battery performance avoid low discharge cycles. Charge the battery pack frequently.

3. Use and store the battery pack in dry conditions with low humidity between 0-50°C, ideally at 15°C. Avoid exposing battery pack and charger to direct sunlight.

4. Do not keep battery pack in places where temperatures are liable to reach over 50°C, such as in a car, metal shed or similar that is in direct sunlight.

5. Do not ignite the battery pack or expose it to fire. There is a risk of explosion!

6. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is long-term storage and continued use of low-charge batteries. Always store the battery with some charge. Charge the batteries every 2-3 months to restore charge. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers.

7. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing without this overheating being apparent externally.

8. Avoid damage and shocks. Do not use batteries which have been dropped from a height of more than one meter or strong external impact, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage.

9. If the battery pack suffers overloading and overheating, the integrated protective cut-off will switch off the equipment. Do not press the ON/OFF switch on the tool if the protective cut-off has actuated. This may damage the battery pack. Allow the battery to cool to room temperature before use.

10. Use only original battery packs. The use of other batteries may result in injuries, explosion and a fire risk.

11. Protect your rechargeable battery against moisture, rain and high humidity. Moisture, rain and high humidity can cause dangerous cell damage. Never charge or use batteries which have been exposed to moisture, rain or high humidity.

12. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack is damaged, do not use the battery.

13. 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.

14. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If accidental contact occurs, flush with water and seek medical help immediately. Liquid ejected from the battery may cause irritation or burns.

15. Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

16. Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.

17. Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer.

18. Do not disassemble Battery. This may result in a risk of electric shock, electrocution or fire.

CHARGER WARNINGS

19. Please check the data marked on the rating plate of the battery charger. Ensure to only connect the battery charger to a power supply with the voltage marked on the rating plate.

20. Protect the battery charger and its cable from damage and sharp edges. Have damaged cables repaired by an authorised service agent before use.

21. Keep the battery charger, batteries and the cordless tool out of children's reach.

22. Do not use damaged battery chargers.

23. Do not use the supplied battery charger to charge other cordless tools. Only charge TOPEX rechargeable batteries with an TOPEX Charger.

24. The battery pack may become warm during use. Allow the battery pack to cool to room temperature before commencing with the charging.

25. Do not over-charge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partly charged battery pack will result in over-charging and cell damage. Do not leave fully charged batteries in the charger.

26. Charge the battery pack in dry conditions with low humidity between 10-40°C. Avoid exposing battery pack and charger to direct sunlight.

27. Do not use batteries which have suffered deformation during the charging process or shows any other signs of abnormalities including, excessive curvature of the housing, gassing, hissing or cracking.

28. Never fully discharge the battery pack. A complete discharge of the battery pack will lead to premature ageing of the battery cells.

29. Never charge the batteries unsupervised.

30. Do not cover or place any object on top of the charger, place the charger away from heat sources.

31. To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.

32. Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.

33. An extension cord should not be used unless necessary. Use of an improper extension cord could result in the risk of fire, electric shock or electrocution.

34. Do not disassemble charger. This may result in a risk of electric shock, electrocution or fire.

35. To reduce risk of electric shock, unplug the charger from the outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.

36. Do not use the cordless tool or the battery charger near vapours and inflammable liquids.

CORDLESS AIR PUMP



1. Air Chuck
2. Adapter Storage Area
3. Battery
4. Ball Needle Adapter
5. Tapered Universal Adapter
6. Trigger Switch
7. LED Worklight
8. Air Hose Connector
9. Air Hose Storage Area
10. Air Hose
11. Air Chuck Clamp
12. Digital Pressure Gauge
13. Pressure Setting (-)
14. Pressure Setting (+)
15. Power and Mode Button

SPECIFICATIONS

Max Voltage (V)	20
Battery type	Lithium-ion
Max Pressure (bar)	8
Charger input (V)	100-240
Frequency (Hz)	50-60
Allowable temperature (°C)	0-50
Charge time (h)	3.5

SETUP & PREPARATION

1. FITTING THE BATTERY

Installing The Battery Pack

1. Slide the battery into the tool base until it clicks into place.



Removing The Battery Pack

1. Hold down the battery release button.



2. Slide the battery out.



2. CONNECTING ACCESSORIES

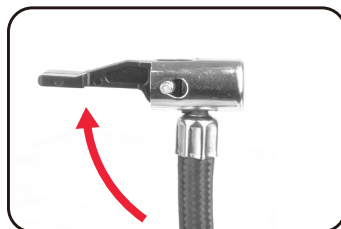
⚠ WARNING

WARNING! Ensure the tool is switched off and the battery is removed before performing any of the following tasks.

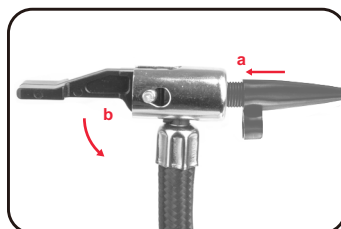
Attaching Inflation Adaptors

The inflator unit has 2 adaptors to allow a range of functions.

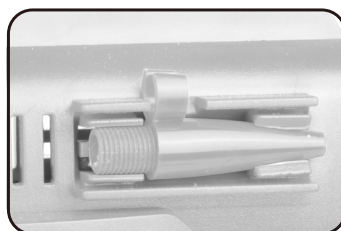
1. Unlock the nozzle by lifting the locking lever.



2. Insert the adaptor into the hose nozzle and lock by pushing down the locking lever.



2. Insert the adaptor into the hose nozzle and lock by pushing down the locking lever.



Note: When not in use, the inflation adaptors can be stored in the slots on the tool.

OPERATION

3. CONTROLS

Switching The Unit On/Off

1. Press the trigger to start the inflator; the display will light up.



Switching on and setting the digital pressure gauge

1. The digital pressure gauge can be used to set the pressure of the inflated objects and monitor the pressure inside the inflated object. Press the power button to switch on the digital pressure gauge.

2. To switch between PSI, BAR or KPA modes- Press the digital pressure gauge power button to select the desired measured unit.



Setting digital pressure gauge for automatic shut off

1. With the digital pressure gauge switched on, press and hold down (+) or (-) button to select desired shutoff pressure.

Note: Numbers will flash while setting pressure. Holding buttons down will make the pressure number increase or decrease faster.

2. When the desired pressure has been selected, begin inflating. The air pump will shut off once the set pressure is reached.

4. INFLATING OBJECTS

⚠ WARNING

WARNING! Do not inflate the object above the recommended inflation pressure. this may lead to damage and/or injuries.

⚠ WARNING

WARNING! Maintain a firm hold on the air hose valve or ensure that the nozzle/valve is securely attached, otherwise the hose may blow out and whip about.

Preset Inflation

1. Attach the required inflation adaptor to the high pressure hose and secure using the locking lever.
2. Insert / attach the hose adaptor to the item to be inflated.
3. Adjust the target pressure using the "+" and "-" pressure adjustment buttons.



Note: The required pressure should be written on the item.

4. Press the manual/auto trigger to the 'AUTO' position to start inflating.
5. Once the preset pressure is reached, the tool will automatically shut-off.



Note: For sporting equipment due to the small size and low pressure, the inflator may automatically cut-off prior to reaching the desired pressure. In this case, cycle the unit on and off until the required pressure is reached or top it off with the manual mode.

BATTERY & CHARGING

CAUTION: the charger for this product should be protected by a residual current device (rated at 30mA or less).

The purchased battery will be shipped in a low charge condition, and requires charging prior to use. Allow several cycles of charging and discharging (through use of the tool) for the battery to reach its optimum performance / runtime.

Charging your lithium ion battery

Before using the driver drill, charge the battery as follows.

1. Charging the battery by inserting the plug into battery. Connect the charger to a suitable mains socket.

The red charging light comes on.

The charger may become warm and buzz slightly during charging.

This is normal and does not indicate a fault.



2. When the battery fully charged. The green light will light up and the red light will go out.



3. After charging unplug the charger from the wall outlet.

Battery Charge Indicator

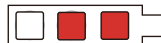
The purchased battery is equipped with a battery charge indicator to show the state of the battery charge. Press the charge indicator button and look to see which LED lights.



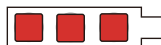
Low state of charge, requires charging soon.



Mid state of charge



Full state of charge.



Battery pack is too hot or too cold (charging will begin automatically when battery reaches correct charging temperature).



Note: The battery needs to be removed from the tool to check the state of charge.

TROUBLESHOOTING

Problem	Cause	Remedy
Inflator is not starting	Battery is low on charge	Charge battery
	Battery not connected properly	Ensure battery is inserted correctly
	Preset pressure is too low	Set a higher pressure
Motor stops while inflating	Battery has no power	Charge battery
	High pressure item has reached preset pressure.	The inflator will automatically shut-off when the high pressure item reaches the preset pressure.
The digital display is not working	Power not connected properly	Ensure the power supply is connected and the operating mode switch is in the correct position

MAINTENANCE

WARNING! Before cleaning or carrying out any maintenance procedure, ensure that the batteries have been removed.

Cleaning

- Keep the ventilation slots of the tool clean at all times to ensure efficient operation.
- After each use, blow air through the tool housing to ensure it is free from all dust, dirt, etc. Build up of dust or dirt particles may cause the tool to overheat and shorten the life of the tool.
- If the housing of the tool requires cleaning, do not use solvents. Use of a cloth only is recommended.
- Never allow any liquid to get inside the tool, never immerse any part of the tool into liquid.

Storage

When not in use, the tool should be stored in a dry, frost free location, keep out of children's reach.

Note: TOPEX will not be responsible for any damage or injuries caused by repair of the tool by an unauthorised person or by mishandling.

CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

WARRANTY

Your warranty form should be retained by you at all times. In order to make a claim under this warranty you must return the product with your receipt of purchase, prior to returning your product for warranty. Please contact us via our after sales support services.

EMAIL: support@topex.com.au

1 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of 12 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: driver bits.

WARNING

1. The following actions will result in the warranty being void.
2. Professional, Industrial or high frequency use.
3. If the tool has been operated on a supply voltage other than that specified on the tool.
4. If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
5. Failure to perform maintenance as set out within the instruction manual.
6. If the tool is disassembled or tampered with in any way.

How to get 1 extended year warranty?

This product comes with 1 year replacement warranty. However, you may get 1 extra year warranty with conditions. Please ask for detail by sending an email to support@topex.com.au



CUSTOMER SERVICE
& PARTS

Contact: support@topto.com.au