ThunderX3 TC5MAX

ThunderX3 TC5 Max Gaming Chair User Manual

Model: TC5MAX/BK

1. Introduction

Thank you for choosing the ThunderX3 TC5 Max Gaming Chair. This manual provides essential information for the proper assembly, operation, maintenance, and troubleshooting of your new gaming chair. Please read this manual thoroughly before assembly and retain it for future reference. The TC5 Max is designed for maximum comfort and durability, featuring premium faux leather, AIR Tech for breathability, and high-density foam, making it ideal for extended gaming or work sessions.

2. Safety Information

- **Weight Limit:** Do not exceed the maximum recommended weight of 150 kg (330 lbs). Exceeding this limit may cause damage to the chair and potential injury.
- **Proper Use:** Use the chair only for its intended purpose. Do not stand on the chair, use it as a step stool, or for any other unintended activity.
- **Children and Pets:** Keep children and pets away from the chair during assembly. Small parts can be a choking hazard.
- **Assembly:** Ensure all screws and bolts are securely tightened before using the chair. Periodically check and re-tighten all fasteners.
- **Moving the Chair:** When moving the chair, lift it rather than dragging it to prevent damage to the base or floor.
- **Avoid Sharp Objects:** Keep sharp objects away from the faux leather to prevent punctures or tears.

3. Setup and Assembly

Assembly of the ThunderX3 TC5 Max gaming chair typically involves attaching the base, casters, gas lift, seat mechanism, seat, backrest, and armrests. Please ensure all components are present before beginning assembly.

3.1 Components Overview

Your package should include:

- Chair Backrest
- Chair Seat
- Armrests (2)
- Star Base
- Casters (5)
- Gas Lift Cylinder
- Gas Lift Cover
- Butterfly Mechanism
- Lumbar Cushion
- Headrest Cushion
- Hardware (screws, Allen key)

3.2 Assembly Steps (General Guide)

1. **Attach Casters to Base:** Insert the five casters into the holes at the end of each leg of the star base until they click securely into place.
2. **Insert Gas Lift:** Place the gas lift cylinder into the center hole of the star base. Cover it with the gas lift cover.
3. **Attach Mechanism to Seat:** Align the butterfly mechanism with the screw holes on the underside of the seat. Ensure the front of the mechanism faces the front of the seat. Secure with screws.
4. **Attach Armrests to Seat:** Secure the armrests to the designated mounting points on the underside of the seat using the provided screws.
5. **Connect Seat to Gas Lift:** Carefully place the assembled seat onto the gas lift cylinder, ensuring it is centered and stable.
6. **Attach Backrest to Seat:** Align the backrest with the side brackets on the seat. Secure it using the remaining screws.
7. **Attach Cushions:** Position the headrest and lumbar support cushions as desired.

Refer to the diagram below for overall dimensions and component placement.



Figure 1: ThunderX3 TC5 Max Ergonomic Dimensions. A: 133-143cm, B: 60cm, C: 90cm, D: 60cm, E: 55cm, F: 14cm, G: 50-60cm, H: 74cm, I: 61-78cm, J: 70cm.

4. Operating Instructions

The ThunderX3 TC5 Max gaming chair offers multiple adjustment options to customize your seating experience.

4.1 Chair Height Adjustment

To adjust the chair height, pull the lever located on the right side of the seat upwards. While holding the lever, apply your body weight to lower the chair, or lift your body weight to raise it. Release the lever to lock the height.

4.2 Backrest Recline Adjustment

The backrest can be reclined. Locate the recline lever on the right side of the chair, below the seat. Pull the lever upwards to unlock the backrest, then lean back to your desired angle. Release the lever to lock the backrest in position.



Figure 2: Backrest Recline Mechanism.

4.3 Armrest Adjustment (3D)

The TC5 Max features 3D adjustable armrests, allowing for height, forward/backward, and rotational adjustments.

- **Height:** Press the button on the side of the armrest stem and move the armrest up or down. Release the button to lock.
- **Forward/Backward:** Push or pull the armrest pad horizontally to adjust its depth.

- **Rotation:** Rotate the armrest pad left or right to angle it as desired.



Figure 3: 3D Adjustable Armrest Detail.

4.4 Tilt Mechanism (Rocking Function)

The chair features a butterfly tilt mechanism with a rocking range of 3° to 18°. To enable the rocking function, pull the height adjustment lever outwards. To lock the chair in an upright position, push the lever inwards. The tension of the rocking motion can be adjusted by turning the round knob located underneath the seat.

4.5 Lumbar and Headrest Cushions

The chair includes a removable lumbar support cushion and a headrest cushion made with latex foam for additional comfort and support. Position them to best suit your ergonomic needs.



Figure 4: ThunderX3 TC5 Max with Lumbar Cushion.

5. Maintenance

Regular maintenance will help prolong the life and appearance of your ThunderX3 TC5 Max gaming chair.

- **Cleaning Faux Leather:** Wipe the faux leather surfaces with a soft, damp cloth. For stubborn stains, use a mild soap solution and then wipe with a clean, damp cloth. Avoid harsh chemicals, abrasive cleaners, or solvents, as these can damage the material.

- **Checking Fasteners:** Periodically check all screws and bolts to ensure they are tight. Re-tighten any loose fasteners to maintain stability and safety.
- **Caster Maintenance:** Clean the casters regularly to remove dust, hair, and debris that can impede smooth rolling. You may use a small brush or vacuum cleaner.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can cause the faux leather to fade or crack. Position your chair away from direct sunlight when possible.



Figure 5: Caster Wheel Detail.

6. Troubleshooting

If you encounter any issues with your ThunderX3 TC5 Max gaming chair, refer to the following common problems and solutions:

- **Chair Does Not Adjust Height:**

Solution: Ensure the gas lift lever is fully engaged. If the issue persists, the gas lift cylinder may be faulty and require replacement.

- **Chair Squeaks:**
  Solution: Check all screws and bolts and tighten any that are loose. Apply a small amount of silicone lubricant to moving parts, such as the tilt mechanism or where metal parts rub.
- **Casters Do Not Roll Smoothly:**
  Solution: Remove any hair, dust, or debris that may be caught in the caster wheels. Clean the wheels thoroughly.
- **Backrest Does Not Recline or Lock:**
  Solution: Ensure the recline lever is fully engaged or disengaged as intended. Check for any obstructions in the recline mechanism.
- **Chair Feels Unstable:**
  Solution: Verify that all assembly screws are securely tightened, especially those connecting the backrest to the seat and the mechanism to the seat. Ensure the star base is properly assembled and casters are fully inserted.

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7. Specifications

Feature	Specification
Model Name	TC5 Max
Model Number	TC5MAX/BK
Recommended Max Load	150 kg (330 lbs)
Chair Dimensions (Overall)	77 x 92 x 33 cm (L x W x H)
Product Dimensions (P x L x H)	20P x 70L x 130H cm
Item Weight	27.5 kg
Cover Material	Premium Faux Leather with Carbon Fiber Pattern
Frame Material	Steel Alloy
Foam Type	Latex Foam (seat, headrest, lumbar), High-Density Foam
Armrests	3D Adjustable
Backrest	Adjustable Recline
Mechanism Type	Butterfly Mechanism
Tilt Angle	3° - 18°
Gas Lift Class	BIFMA Tested Level 4, Max 100 mm
Base Type	350 mm Steel Base
Caster Material/Size	65 mm Nylon Casters

Special Features	AIR Tech for breathability, ThunderX3 engraved logo



Figure 6: ThunderX3 TC5 Max Ergonomic Dimensions for reference.

8. Warranty Information

The ThunderX3 TC5 Max Gaming Chair comes with a manufacturer's warranty. Please refer to the warranty card

included with your purchase or visit the official ThunderX3 website for detailed warranty terms and conditions. The warranty typically covers manufacturing defects and material flaws under normal use.

9. Customer Support

For further assistance, technical support, or inquiries regarding your ThunderX3 TC5 Max Gaming Chair, please contact your retailer or visit the official ThunderX3 support website. Have your model number (TC5MAX/BK) and proof of purchase ready when contacting support.

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