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ThunderX3 FLEX Pro

ThunderX3 Flex Pro Ergonomic Office Chair User Manual

Model: FLEX Pro (GAGC-380)

Introduction Safety Information Package Contents Assembly Operation Maintenance Troubleshooting Specifications Support

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your ThunderX3 Flex Pro Ergonomic Office Chair. Please read this manual thoroughly before assembly and use to ensure proper function and longevity of your chair. Retain this manual for future reference.





Image 1.1: ThunderX3 Flex Pro Ergonomic Office Chair (Black Breathable Mesh)

2. Safety Information

- The maximum weight capacity for this chair is 56.2 pounds (approximately 25.5 kg). Do not exceed this limit.
- Always follow the assembly instructions carefully. Incorrect assembly can lead to instability and potential injury.
- Ensure all screws and bolts are securely tightened before use. Periodically check and re-tighten as necessary.
- Use the chair on a level surface to prevent tipping.
- Avoid standing on the chair or using it as a step stool.
- Keep hands and fingers clear of moving parts during adjustment to prevent pinching.
- Do not use abrasive cleaners or harsh chemicals on the chair's surfaces.
- Keep children away from the chair during assembly and adjustment.

3. Package Contents

Before beginning assembly, verify that all components are present and undamaged. If any parts are missing or damaged, contact customer support.

- Backrest Assembly
- Seat Base Assembly
- Headrest
- Armrests (2)
- Gas Lift Cylinder
- Star Base
- Casters (5)
- SYNC6 Multi-Functional Mechanism
- Hardware Kit (screws, washers, Allen wrench)

4. Assembly Instructions

Follow these steps to assemble your ThunderX3 Flex Pro chair. It is recommended to assemble the chair on a soft, clean surface to prevent damage.

1. **Attach Casters to Star Base:** Insert each of the five casters into the holes at the end of the star base legs until they click securely into place.
2. **Insert Gas Lift:** Place the gas lift cylinder into the center hole of the assembled star base.
3. **Attach Mechanism to Seat Base:** Secure the SYNC6 multi-functional mechanism to the underside of the seat base using the provided screws. Ensure the front of the mechanism aligns with the front of the seat.
4. **Attach Armrests:** Fasten the armrests to the sides of the seat base using the designated screws.
5. **Connect Seat to Gas Lift:** Carefully place the assembled seat base onto the gas lift cylinder, ensuring it is centered.
6. **Attach Backrest:** Align the backrest with the mounting points on the seat base and secure it with the remaining screws.
7. **Install Headrest:** Slide the headrest into its designated slot at the top of the backrest.
8. **Final Check:** Verify all connections are tight and the chair is stable before use.



Image 4.1: Assembled ThunderX3 Flex Pro Chair

5. Operating Instructions (Adjustments)

The ThunderX3 Flex Pro chair offers extensive adjustability to customize your seating experience. Familiarize yourself with the various controls to achieve optimal ergonomic support.

5.1. Seat Height Adjustment

Locate the lever on the right side, beneath the seat. To raise the seat, lift the lever while taking your weight off the chair. To lower the seat, lift the lever while seated.

5.2. SYNC6 Multi-Functional Mechanism (Synchronous Tilt & Forward Tilt)

The SYNC6 mechanism allows for synchronized movement of the backrest and seat, and also features a forward tilt function.

- **Synchronous Tilt:** This allows the backrest and seat to recline together at an optimal ratio. Use the main lever on the left side to engage or disengage the tilt. Adjust the tension using the knob located at the front of the mechanism.
- **Forward Seat Tilt:** This feature allows the seat to tilt slightly forward, promoting an active sitting posture and reducing pressure on the lower body. Engage this function using the dedicated lever on the mechanism.

SYNCHRONOUS TILT

STRETCH YOUR BODY NATURALLY

We prioritize user comfort, so you can simply lean back and relax while experiencing the benefits of our innovative design. Synchronous tilt allows the backrest and seat to move together at the optimal ratio, providing ergonomic support for your entire body.



Image 5.2.1: Synchronous Tilt in action

SYNC6 MULTI-FUNCTIONAL MECHANISM

SIX LEVELS OF FINE-TUNED COMFORT

Adjust your chair to fit your unique body shape, size, and posture. FLEX Pro is built with SYNC6, a multi-functional mechanism that allows for 6-way adjustability. FLEX Pro is one of the first chairs with both Synchronous Tilt and Forward Seat Tilt mechanisms simultaneously built in.



Mechanism	Tilt Control (Butterfly)	Multi-Lock (Frog)	SYNC5	SYNC6
Tilt	Swivel tilt	Knee tilt	Synchronous tilt	1. Synchronous tilt 2. Forward tilt
Lock	Single	Multi-angle	Multi-angle	3. Multi-angle
Adjustable Backrest Resistance	Knob	Knob	Self-adjusting	4. Four-level adjustment
Adjustable Seat	Up & down	Up & down	Up & down Front & back	5. Up & down 6. Front & back

Image 5.2.2: SYNC6 Multi-Functional Mechanism Diagram



Image 5.2.3: Forward Seat Tilt

5.3. 8D Fully Self-Adjusting Headrest, Backrest, and Lumbar Support

The chair features an advanced self-adjusting system for the headrest, backrest, and lumbar support, providing dynamic support as you move.

- **Headrest:** The headrest automatically adapts to your head and neck movements. It can also be manually adjusted for height and angle.
- **Backrest:** The flexible backrest adapts to your spine's natural curve.
- **Lumbar Support:** The split lumbar support sections move independently to provide continuous support to your lower back.

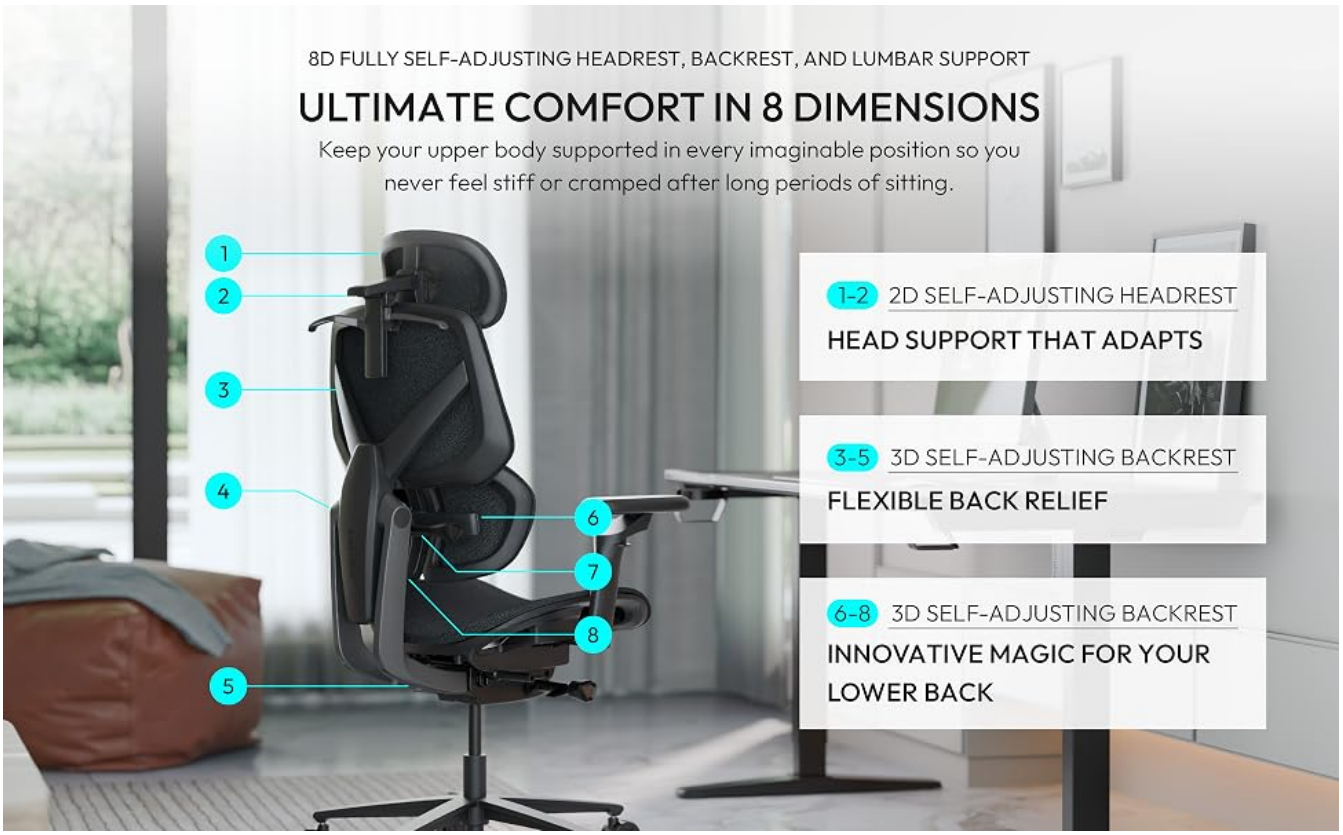


Image 5.3.1: 8D Self-Adjusting Support System

5.4. 5D 360° Armrests

The armrests offer extensive adjustability to support your arms and shoulders in various positions.

- **Height Adjustment:** Press the button on the side of the armrest support and move the armrest up or down.
- **Forward/Backward:** Slide the armrest pad forward or backward.
- **Left/Right Pivot:** Pivot the armrest pad left or right.
- **Angle Rotation:** Rotate the armrest pad 360 degrees to find your preferred angle.
- **Inward/Outward Slide:** Slide the armrest pad inward or outward.



Image 5.4.1: 5D Armrest Adjustments

5.5. Seat Depth Adjustment

Adjust the seat depth to ensure proper thigh support and maintain a gap between the seat edge and the back of your knees.

- Locate the lever or button for seat depth adjustment, typically on the left side beneath the seat.
- While seated, lift the lever and slide the seat forward or backward to your desired position. Release the lever to lock.



Image 5.5.1: Seat Depth Adjustment

6. Maintenance

Regular maintenance helps prolong the life and appearance of your chair.

- **Cleaning Mesh:** For the breathable mesh, gently wipe with a damp cloth and mild soap. Avoid saturating the fabric. Allow to air dry completely.
- **Cleaning Frame:** Wipe plastic and metal parts with a soft, damp cloth.
- **Caster Care:** Periodically clean hair and debris from the casters to ensure smooth movement.
- **Hardware Check:** Every few months, check all screws and bolts to ensure they are tight. Re-tighten if necessary.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can cause fading and material degradation.

7. Troubleshooting

Problem	Possible Cause	Solution
Chair does not adjust height	Gas lift cylinder malfunction or lever not engaged.	Ensure the height adjustment lever is fully engaged. If the issue persists, the gas lift may need replacement.
Chair wobbles	Loose screws or uneven floor.	Check and tighten all assembly screws. Ensure the chair is on a flat, level surface.
Casters do not roll smoothly	Debris caught in casters or damaged casters.	Remove any hair or debris from the caster wheels. If damaged, casters may need replacement.
Backrest does not recline or lock	Tilt mechanism locked or tension too high.	Ensure the tilt lock lever is disengaged. Adjust the tilt tension knob to a lower setting.

8. Specifications

Feature	Detail
Brand	ThunderX3
Model Name	FLEX Pro
Item Model Number	GAGC-380

Feature	Detail
Color	Breathable Mesh, Black
Product Dimensions	27.6"D x 33.5"W x 47.2"H
Item Weight	66 pounds (29.9 kg)
Max Weight Capacity	56.2 pounds (25.5 kg)
Back Style	Mesh
Seat Depth	19.7 inches
Fill Material	Foam
Adjustability	19D Adjustability, 8D Self-Adjusting Headrest/Backrest/Lumbar, 5D 360° Armrests, SYNC6 Multi-Functional Mechanism (Synchronous Tilt, Forward Tilt)

Note: The listed maximum weight capacity of 56.2 pounds appears unusually low for an adult office chair. Please refer to the product packaging or manufacturer's official website for the most accurate and up-to-date weight limit information.

9. Warranty and Customer Support

For warranty information, please refer to the documentation included with your purchase or visit the official ThunderX3 website. If you encounter any issues or have questions regarding your ThunderX3 Flex Pro chair, please contact ThunderX3 customer support through their official channels.
Online Resources: For additional support, FAQs, and product registration, visit the ThunderX3 official website.

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