



[Manuals.plus](#) /

› [COUGAR](#) /

› COUGAR Royal MOSSA 140 Electric Standing Desk User Manual

## COUGAR ROYAL MOSSA 140

# COUGAR Royal MOSSA 140 Electric Standing Desk User Manual

Model: ROYAL MOSSA 140 | Brand: COUGAR

## 1. INTRODUCTION

---

Thank you for choosing the COUGAR Royal MOSSA 140 Electric Standing Desk. This manual provides essential information for the safe assembly, operation, and maintenance of your new standing desk. Please read these instructions carefully before use and retain them for future reference.

### Important Safety Information

- Be cautious when adjusting the desk height to avoid injury from moving parts.
- Ensure the desk is properly anchored to the floor to prevent tipping.
- Keep children and pets away from the desk during operation.
- Do not overload the desk beyond its maximum weight capacity of 176 lbs (80 kg).
- Ensure all cables are properly managed to prevent entanglement during height adjustments.



Image 1.1: The COUGAR Royal MOSSA 140 Electric Standing Desk in white.

## 2. PACKAGE CONTENTS

---

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

- Desktop (55 x 24 inch, White)
- 2-stage columns and single motor desk frame
- Control Panel with LCD display
- Cable Grommet Design components
- Assembly hardware (screws, tools, etc. - *specifics not provided, refer to included manual*)
- Power adapter and cable

## 3. SETUP INSTRUCTIONS

---

Follow these general steps for assembling your electric standing desk. For detailed, step-by-step instructions, please refer to the separate assembly guide included in your package.

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, soft surface to prevent scratches.
2. **Assemble Desk Frame:** Attach the 2-stage columns to the desk feet, then connect the crossbar and motor assembly according to the assembly guide.
3. **Attach Desktop:** Securely fasten the desktop to the assembled frame using the provided screws. Ensure proper alignment.
4. **Install Control Panel:** Mount the control panel to the underside of the desktop in the designated location.
5. **Install Cable Grommet:** Insert the cable grommet into the pre-drilled hole on the desktop. This helps organize wires for a tidy workspace.

## Cable Grommet Design

Leave a cable grommet design on the desktop to make you organize wires. Create a tidy and clean workspace.



Image 3.1: Close-up of the cable grommet for wire organization.

6. **Connect Power:** Plug the power cable into the control box and then into a standard electrical outlet (100-240V AC, 50/60Hz).
7. **Initial Calibration:** After connecting power, the desk may require an initial calibration. Typically, this involves pressing and holding the 'Down' button until the desk reaches its lowest point, then releasing and pressing it again until it moves slightly up. Refer to your specific assembly guide for exact calibration steps.

## 4. OPERATING INSTRUCTIONS

---

The COUGAR Royal MOSSA 140 desk features an intuitive control panel for easy height adjustment and memory settings.



Image 4.1: The LCD Height Display Controller with memory buttons.

## Adjusting Height

- Use the **Up (▲)** and **Down (▼)** arrow buttons on the control panel to manually adjust the desk height. The current height will be displayed on the LCD screen.
- The desk operates quietly with a noise level less than 50dB and a lifting speed of 2.5 cm/sec.

## Setting Memory Positions

The desk allows you to save up to four preferred height settings for quick adjustments.

1. Adjust the desk to your desired height using the Up/Down buttons.
2. Press the **"M"** or **"SET"** button (*button label may vary, refer to your specific control panel*) once. The display may flash.
3. Within a few seconds, press one of the numbered memory buttons (**1, 2, 3, or 4**) to save the current height to that position. The display will confirm the setting.

## Using Memory Positions

To move the desk to a saved height, simply press the corresponding numbered memory button (**1, 2, 3, or 4**). The desk will automatically adjust to the programmed height.

## Control Panel Lock Function

The control panel features a lock function to prevent accidental height adjustments.

- To **lock** the panel: Press and hold the **Lock button ( )** for a few seconds until "LOC" appears on the display. All buttons will be disabled.
- To **unlock** the panel: Press and hold the **Lock button ( )** again for a few seconds until "LOC" disappears from the display. The buttons will now be active.



### Stable and Reliable Lifting System

It's powered by a reliable motor that runs at a noise level less than 50dB. Keep quiet working environment during every motion. Constructed with 2 stage legs which provide 2.5cm/sec lifting speed.



### Panel Lock for Avoiding Risk

Controller panel lock function enables avoiding the risk of an accidental touch.

Image 4.2: Activating the panel lock function to prevent accidental touches.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your COUGAR Royal MOSSA 140 Electric Standing Desk.

- **Cleaning:** Wipe the desktop and frame with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the anti-scratch frosted surface or finish.
- **Cable Management:** Periodically check and reorganize cables to ensure they do not interfere with the desk's movement or become pinched.
- **Inspection:** Regularly inspect all screws and connections to ensure they are tight. Retighten if necessary.
- **Motor Care:** The motor is designed for maintenance-free operation. Do not attempt to open or service the motor assembly yourself.

## 6. TROUBLESHOOTING

If you encounter issues with your COUGAR Royal MOSSA 140 Electric Standing Desk, refer to the following common troubleshooting steps.

| Problem                                      | Possible Cause   | Solution  |
|--|--|---|
| Desk does not move.                          | Power cable disconnected.<br>Control panel locked.<br>Overload protection activated. | Check power connections.<br>Unlock the control panel (refer to Section 4).<br>Remove some weight from the desk. |
| Desk moves unevenly or makes unusual noises. | Loose connections or screws.<br>Obstruction in the lifting mechanism.                | Inspect and tighten all assembly screws.<br>Check for any objects obstructing the legs.                         |

| Problem                          | Possible Cause               | Solution  |
|----------------------------------|------------------------------|---|
| Memory settings are not working. | Settings not properly saved. | Re-save your desired memory positions (refer to Section 4). |

If the problem persists after attempting these solutions, please contact COUGAR customer support for further assistance.

## 7. SPECIFICATIONS

Detailed technical specifications for the COUGAR Royal MOSSA 140 Electric Standing Desk.



| Specification                  |  |
|--------------------------------|--|
| Product                        | ROYAL MOSSA 140                              |
| Preassembled Desk Frame        | 2 stage columns and single motor desk frame  |
| Desk Dimension<br>(W x D x T)  | 55.1 x 24 x 0.7 (in)<br>1400 x 600 x 18 (mm) |
| Height range<br>(with desktop) | 28 - 45 (in)<br>720 - 1150 (mm)              |
| Travel Speed                   | 1 (in/sec)<br>25 (mm/sec)                    |
| Lifting Capacity               | 176 (lb)<br>80 (kg)                          |
| Noise level                    | ≤50 decibels during motion                   |
| Input                          | 100-240V AC, 50/60Hz                         |

Image 7.1: Overview of product specifications.

| Feature                        | Detail                                  |
|--------------------------------|---|
| Product Model                  | ROYAL MOSSA 140                         |
| Desk Design                    | Electric Standing Desk                  |
| Desktop Dimensions (W x D x T) | 55.1" x 24" x 0.7" (1400 x 600 x 18 mm) |
| Height Range (with desktop)    | 28.3" - 48" (720 - 1150 mm)             |
| Travel Speed                   | 1 in/sec (25 mm/sec)                    |
| Lifting Capacity               | 176 lbs (80 kg)                         |
| Noise Level                    | ≤50 decibels during motion              |
| Input Voltage                  | 100-240V AC, 50/60Hz                    |
| Base Material                  | Alloy Steel                             |

| Feature             | Detail  |
|---------------------|---|
| Top Material Type   | Engineered Wood (Medium-Density Fiberboard)                       |
| Finish Type         | Laminated, Anti-Scratch Frosted Surface                           |
| Color               | White   |
| Included Components | 2 stage columns and single motor desk frame, Cable Grommet Design |
| Assembly Required   | Yes   |

## 8. WARRANTY AND SUPPORT

---

The COUGAR Royal MOSSA 140 Electric Standing Desk comes with a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact COUGAR customer service through their official website or the contact information provided in your product documentation.

**COUGAR Official Website:** [www.cougargaming.com](http://www.cougargaming.com)