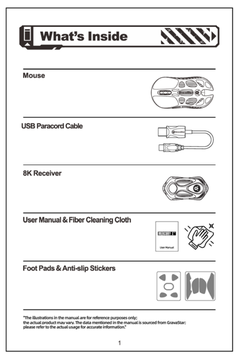
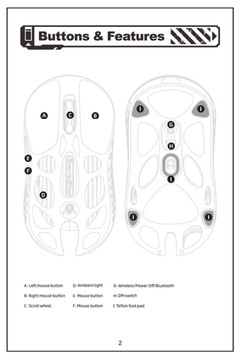
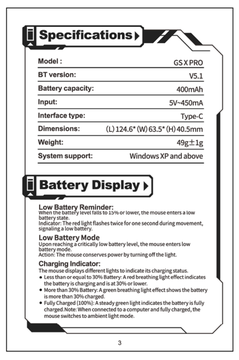
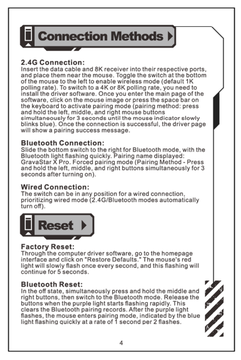
X PRO英文

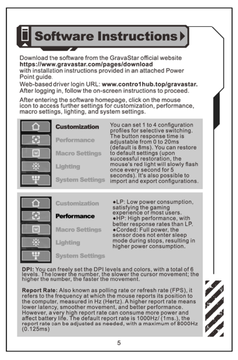
MERCURY X PRO
User Manual


What's Inside
Mouse
USB Paracord Cable
8K Receiver
User Manual & Fiber Cleaning Cloth
Foot Pads & Anti-slip Stickers
*The illustrations in the manual are for reference purposes only;
The actual product may vary. The data mentioned in the manual is sourced from Gravastar;
please refer to the actual usage for accurate information!
1


Buttons & Features
A: Left mouse button
B: Right mouse button
C: Scroll wheel
D: Ambient light
E: Mouse button
F: Mouse button
G: Wireless/Power Off/Bluetooth
H: DPI switch
I: Teflon foot pad
2


Specifications
Model : GS X PRO
BT version: V5.1
Battery capacity: 400mAh
Input: 5V~450mA
Interface type: Type-C
Dimensions: (L) 124.6* (W) 63.5* (H) 40.5mm
Weight: 49g±1g
System support: Windows XP and above
Battery Display
Low Battery Reminder:
When the battery level falls to 15% or lower, the mouse enters a low battery mode.
Indicator: The red light flashes twice for one second during movement, signaling a low battery.
Low Battery Mode
Upon reaching a critically low battery level, the mouse enters low battery mode.
Action: The mouse conserves power by turning off the light.
Charging Indicator:
The mouse displays different lights to indicate its charging status.
Less than or equal to 30% Battery: A red breathing light effect indicates the battery is charging and is at 30% or lower.
More than 30% Battery: A green breathing light effect shows the battery is more than 30% charged.
Fully Charged (100%): A steady green light indicates the battery is fully charged. Note: When connected to a computer and fully charged, the mouse switches to ambient light mode.
3


Connection Methods
2.4G Connection:
Insert the data cable and 8K receiver into their respective ports, and place them near the mouse. Toggle the switch at the bottom of the mouse to the left to enable wireless mode (default 1K polling rate). To switch to a 4K or 8K polling rate, you need to install the driver software. Once you enter the main page of the software, click on the mouse image or press the space bar on the keyboard to enter pairing mode. Alternatively, simultaneously press and hold the left, middle, and right mouse buttons simultaneously for 3 seconds until the mouse indicator slowly blinks blue). Once the connection is successful, the driver page will show a pairing success message.
Bluetooth Connection:
Slide the bottom switch to the right for Bluetooth mode, with the Bluetooth light flashing quickly. Pairing name displayed: GravaStar X Pro. Forced pairing mode (Pairing Method: - Press and hold the left, middle, and right buttons simultaneously for 3 seconds after turning on).
Wired Connection:
The switch can be in any position for a wired connection, prioritizing wired mode (2.4G/Bluetooth modes automatically turn off).
Reset
Factory Reset:
Through the computer driver software, go to the homepage interface and click on "Restore Defaults." The mouse's red light will slowly flash once every second, and this flashing will continue for 5 seconds.
Bluetooth Reset:
In the off state, simultaneously press and hold the middle and right buttons, then switch to the Bluetooth mode. Release the buttons when the purple light starts flashing rapidly. This clears the Bluetooth pairing records. After the purple light flashes, the mouse enters pairing mode, indicated by the blue light flashing quickly at a rate of 1 second per 2 flashes.
4


Software Instructions
Download the software from the GravaStar official website
Note:https://www.gravastar.com/pages/download
with installation instructions provided in an attached Power Point file.
Web-based driver login URL: www.controlhub.top/gravastar.
After logging in, follow the on-screen instructions to proceed.
After entering the software homepage, click on the mouse icon to access further settings for customization, performance, macro settings, lighting, and system settings.
Customization
Performance
Macro Settings
Lighting
System Settings
You can set 1 to 4 configuration profiles for selective switching. The button response time is adjustable from 0 to 20ms (default is 4ms). You can restore to default settings (upon successful restoration, the mouse's red light will slowly flash once every second for 5 seconds). It is also possible to import and export configurations.
Customization
Performance
Macro Settings
Lighting
System Settings
•LP: Low power consumption, satisfying the gaming experience of most users. The 1K polling rate with better response rates than LP.
•Corded: Full power, the sensor does not enter sleep mode during stops, resulting in higher power consumption.
DPI: You can freely set the DPI levels and colors, with a total of 8 levels. The default is 800/1600/3200/6400 (mouse movement; the higher the number, the faster the movement).
Report Rate: Also known as polling rate or refresh rate (FPS), it refers to the frequency at which the mouse reports its position to the computer. Higher FPS (e.g., 1000Hz) provides smoother motion, lower latency, smoother movement, and better performance. However, a very high report rate can consume more power and affect battery life. The default report rate is 1000Hz (1ms.), the report rate can be adjusted as needed, with a maximum of 8000Hz (0.125ms.)
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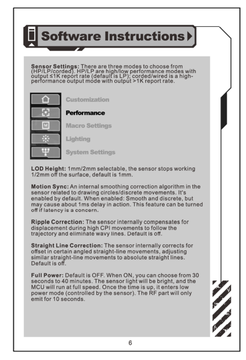
Software Instructions
Sensor Settings: There are three modes to choose from: PMW3389 Standard, PMW3389 Competitive, and Low Latency with output 8TK report rate (default is Competitive), and Low Latency is a high-performance output mode with output 1TK report rate.
Customization
Performance
Macro Settings
Lighting
System Settings
LOD Height: 1mm/2mm selectable, the sensor stops working 1/2mm off the surface, default is 1mm.
Motion Sync: An internal smoothing correction algorithm in the sensor related to drawing circles/discrete movements, it's enabled by default. When enabled: Smooth and discrete, but may cause about 1ms delay in action. This feature can be turned off if latency is a concern.
Ripple Correction: The sensor internally compensates for displacement during high CPI movements to follow the trajectory and eliminate wavy lines. Default is off.
Straight Line Correction: The sensor internally corrects for offset in certain angled straight-line movements, adjusting similar straight-line movements to absolute straight lines. Default is off.
Full Power: Default is OFF. When ON, you can choose from 30 seconds to 40 minutes. The sensor light will be bright, and the MCU will run at full speed. Once the time is up, it enters low power mode (controlled by the sensor). The RF part will only emit for 10 seconds.
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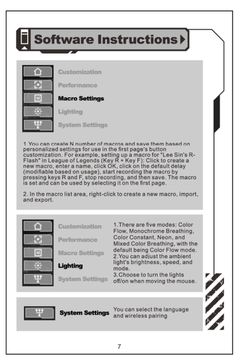
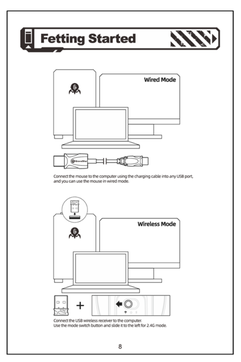
www.gravastar.com
Made in China


Software Instructions
Customization
Performance
Macro Settings
Lighting
System Settings
1. You can create N number of macros and save them based on specific requirements. The macro function offers high customization. For example, setting up a macro for "Lee Sin's Ri Flash" in League of Legends (Key R + Key F): Click to create a new macro, enter a name, click OK, click on the default delay (modifiable based on usage), start recording the macro by pressing Ctrl + Shift + F, and finally click the first save. The macro is set and can be used by selecting it on the first page.
2. In the macro list area, right-click to create a new macro, import, and export.
Customization
Performance
Macro Settings
Lighting
System Settings
1. There are five modes: Color Flow, Monochrome Breathing, Color Constant, Neon, and Mixed Color Breathing, with the default being Color Flow mode.
2. You can adjust the ambient light's brightness, speed, and mode.
3. Choose to turn the lights off/on when moving the mouse.
System Settings
You can select the language and wireless pairing.
7


Fetting Started
Wired Mode
Connect the mouse to the computer using the charging cable into any USB port, and you can use the mouse in wired mode.
Wireless Mode
Connect the USB wireless receiver to the computer.
Use the mode switch button and slide it to the left for 2.4G mode.
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Warranty
One-year warranty.
Within the warranty period of the product, if any malfunctions are due to the product's own quality, users can contact the retailer with purchase receipt to receive free repair services.
These will not be covered by warranty:
- Damage caused by self-disassembly.
- Malfunctions or damage resulting from water exposure, drops, or deliberate mechanical damage.
- Malfunctions or damage caused by force majeure events.
CMIIT ID:24J44U08C509
XXXXXXXXXXXXXX
R3D127
RoHS
FCC ID: 2ASXF-GSX-PRO
XXX-XXXXXX
9

FCC Requirement
changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ I V technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled
environment. This equipment should be installed and operated with a minimum distance of 0cm
between the radiator & your body. This transmitter must not be co-located or operating in
conjunction with any other antenna or transmitter.
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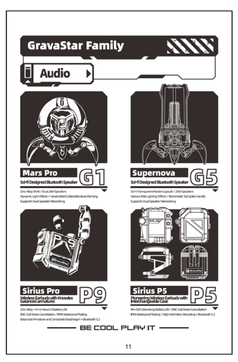
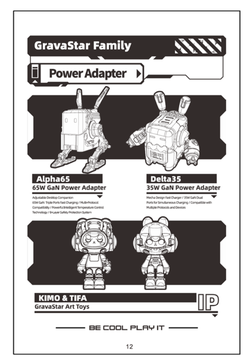

GravaStar Family
Audio
Mars Pro G1
Supported Wireless Connection
2.4G Dongle/Bluetooth/Supports Type-C Wired Connection
Mac/Win/Linux/Mobile Compatible
Supports Hyst Sensor Technology
Supports Dual Sensor Networking
Supernova G5
Supported Wireless Connection
2.4G Dongle/Bluetooth/Supports Type-C Wired Connection
Mac/Win/Linux/Mobile Compatible
Supports Hyst Sensor Technology
Supports Dual Sensor Networking
Sirius Pro P9
Supported Wireless Connection
2.4G Dongle/Bluetooth/Supports Type-C Wired Connection
Mac/Win/Linux/Mobile Compatible
Sirius P5 P5
Supported Wireless Connection
2.4G Dongle/Bluetooth/Supports Type-C Wired Connection
Mac/Win/Linux/Mobile Compatible
BE COOL PLAY IT
11


GravaStar Family
Power Adapter
Alpha65
65W GaN Power Adapter
Delta35
35W GaN Power Adapter
KIMO & TIEA
GravaStar Art Toys
BE COOL PLAY IT
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