Maxfree S6

Maxfree Laptop Screen Extender User Manual

Model: S6

INTRODUCTION

The Maxfree S6 Laptop Screen Extender is a triple portable monitor system designed to enhance your productivity by providing an expanded visual workspace. Featuring two detachable 15.6-inch FHD 1080P IPS displays, it offers a wider view and higher resolution for various multi-display modes. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Figure 1: Maxfree S6 Laptop Screen Extender in use, showing the main laptop screen flanked by two extended monitors.

PACKAGE CONTENTS

Before you begin, please verify that all items are present in your package.

- S6 Laptop Screen Extender Unit (main frame with two detachable screens)
- Storage Bag
- Package Case
- USB-C to USB-C Cable (x2)
- HDMI to Type-C Cable (x1)
- USB-A to USB-C Cable (x2)
- User Manual (this document)
- Sleeve Stand
- Single Screen Stand

Figure 2: Illustration of all components included in the Maxfree S6 package, including the main unit, cables, and accessories.

SETUP

The Maxfree S6 is designed for plug-and-play functionality, requiring no driver installation for most setups. Ensure your laptop is compatible with the screen extender.

Compatibility

This screen extender supports a wide range of devices and operating systems, including Intel, AMD, ARM, Android, Windows, Mac (except M1/M2/M3 chips), Chrome OS, Linux, Xbox, Switch, Mac M1 Pro/Max chips, and Mac M2 Pro/Max chips.
Important Note for Mac M1/M2/M3 Chip Users: If your laptop is a Mac with an M1, M2, or M3 chip, you will need to connect an H5-T cable to the "DP" port of the second screen, and then connect a USB cable to the "Type C" port of this screen for power.

Figure 3: List of devices and models that are incompatible with the Maxfree S6 screen extender.

Connection Options

The Maxfree S6 offers multiple connection methods depending on your laptop's available ports.

Option 1: Direct Full-Functionality Type-C Connection

Connect the screen extender directly to your laptop's full-functionality Type-C port using the provided USB-C to USB-C cables. This method typically provides both video and power through a single cable per screen.

Figure 4: Connection diagram for laptops with full-functionality Type-C ports.

Option 2: Non-Type-C Laptop with HDMI + Type-C Connection

For laptops without a full-functionality Type-C port, connect the screen extender using both HDMI and Type-C cables. You will need to connect one extra USB-A to USB-C cable to the same screen extender for power supply when using the HDMI cable.

Figure 5: Connection diagram for laptops requiring HDMI and Type-C for video and power.

Option 3: Resolving Connection Issues (No HDMI or Mac M1/M2/M3 Chips)

If you encounter connection issues, particularly with Mac M1/M2/M3 chips or if your laptop lacks an HDMI port, you may need an H5-T cable. For one screen, use a Type-C to Type-C cable to connect the monitor and the laptop. For the other screen, use the H5-T cable and a USB-A to Type-C cable to connect the monitor and the laptop.

Figure 6: Connection diagram for specific troubleshooting scenarios, including Mac M1/M2/M3 chips.

The list of items shown in the figure:

1. S6 * 1
2. Storage Bag * 1
3. Package Case * 1
4. USB-C to USB-C cable * 2
5. HDMI to TYPE-C cable * 1
6. USB-A to USB-C cable *2
7. User Manual * 1
8. Sleeve Stand * 1
9. Single Screen Stand * 1

Physical Setup

The Maxfree S6 features an upgraded magnetic structure for compact attachment and a wide kickstand for stability.

- Attach the two detachable screens to the main unit.
- Position the main unit securely on your laptop.
- Extend the integrated kickstand to provide stable support and alleviate pressure on your laptop's hinge.

Figure 7: Dimensions of the Maxfree S6 and its compatibility range for laptop sizes.

OPERATING INSTRUCTIONS

Display Modes and Rotation

The Maxfree S6 supports both extension and mirror modes, allowing for flexible workspace configurations. The two screens can rotate 235° horizontally and 90° vertically, enabling up to 11 display combinations including landscape, portrait, stacked, and single-screen modes.

Figure 8: Examples of screen rotation and multi-display setups possible with the Maxfree S6.

Figure 9: The Maxfree S6 enhances productivity by providing more screen space, reducing the need for constant window switching.

Screen Controls and Ports

Each screen is equipped with a multi-function button and various ports for connectivity.

- **Multi-function button:** Used to navigate and adjust display settings (e.g., brightness, contrast, color).
- **TYPE-C ports:** For video signal and power input.
- **USB-C with DP port:** Supports DisplayPort Alternate Mode for video transmission.
- **Speaker:** Integrated for audio output.

Figure 10: Labeled ports and controls on the Maxfree S6 screen.

The integrated speakers provide audio output. For optimal audio experience, users may prefer to utilize their laptop's native audio output.

Figure 11: The Maxfree S6 features built-in dual speakers for audio output.

Optimizing Power Consumption

If you experience issues with menu parameters resetting or inconsistent performance, it may be due to insufficient power supply. Increasing the power supply to the device can resolve these issues and ensure stable operation.
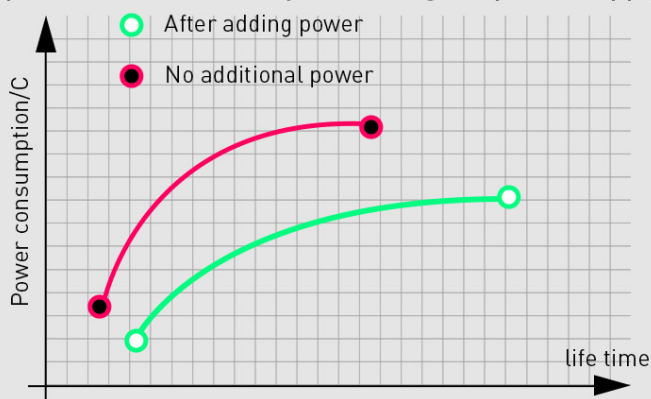

Figure 12: Graph illustrating the effect of additional power on device stability and performance.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Maxfree S6.

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screens and exterior. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, detach the screens and store the unit in the provided storage bag to protect it from dust and scratches.
- **Handling:** Always handle the screen extender with care. Avoid applying excessive force to the screens or connection points.

INCOMPATIBLE DEVICES

MacBook	Models with M1 / M2 / M3 chip,Macbook Pro 2012 and earlier,Macbook Air 2017 and earlier
Microsoft	Surface Go/Go 2,Surface Pro 6/Pro 7/Pro X,Surface Laptop Go/ 3/2/4
Lenovo	Thinkpad X1 Fold,Yoga Chromebook 15.6",Yoga 7i 14", S540 13"
HUAWEI	MateBook 13 2020 3.3",13 2021 13.3",E 2019 12"
Samsung	Galaxy Book S/Book Pro 360,Galaxy Chromebook
HP	HP G62 (2010), ENVY X360 13-ay0056AU,ENVY 13
DELL	Dell XPS 13 Early 2015,Dell VostroSeries

Figure 13: Storing the Maxfree S6 in its dedicated storage bag for protection.

TROUBLESHOOTING

If you encounter issues with your Maxfree S6, refer to the following common problems and solutions.

No Display / Black Screen

- **Check Connections:** Ensure all cables (USB-C, HDMI, USB-A) are securely connected to both the screen extender and your laptop.
- **Power Supply:** Verify that the screen extender is receiving adequate power. If using HDMI, ensure the additional USB-A to USB-C power cable is connected.
- **Laptop Compatibility:** Confirm your laptop's ports support video output (e.g., full-functionality Type-C, HDMI). Refer to your laptop's manual.
- **Mac M1/M2/M3 Chips:** Ensure the specific H5-T cable and power connection method for these chips is followed.

Incorrect Display Resolution or Scaling

- **Display Settings:** Access your operating system's display settings.

    - **Windows:** Right-click on the desktop > Display settings.
    - **macOS:** System Settings > Displays.

- **Resolution:** Set the display resolution to 1920x1080 (FHD 1080P) for optimal clarity.
- **Scaling:** Ensure the display scaling is set to 100% for the extended monitors to prevent applications from appearing too large or exceeding screen boundaries.
- **Arrange Displays:** Re-order the displays in your operating system's settings to match your physical setup (e.g., 1, 3, 2 for left, center, right).

Low Audio Volume from Extender Speakers

- **Volume Control:** Adjust the volume using the multi-function button on the screen extender.
- **System Audio Output:** Ensure your laptop's audio output is directed to the screen extender if desired. Alternatively, use your laptop's built-in speakers for a potentially louder audio experience.

Instability / Tipping Forward

- **Kickstand Adjustment:** Ensure the wide kickstand is fully extended and adjusted to provide sufficient support for the weight of the displays.
- **Surface Stability:** Place the laptop and extender on a flat, stable surface.
- **Laptop Hinge Pressure:** The kickstand is designed to alleviate pressure on the laptop hinge. Ensure it is properly deployed to bear the weight.

SPECIFICATIONS

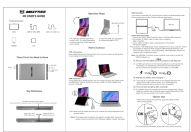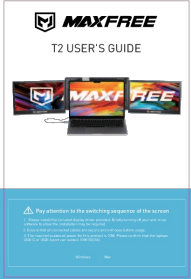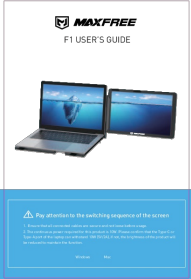| Feature	Detail
Brand	Maxfree
Model Number	S6
Screen Size	15.6 inches
Screen Resolution	1920x1080 (FHD 1080P)
Display Technology	IPS
Color Gamut	120% sRGB, 72% NTSC
Brightness	300 nits
Contrast Ratio	1000:1
Aspect Ratio	16:9
Item Weight	5.17 pounds
Product Dimensions (LxWxH)	14.2 x 8.35 x 1.77 inches
Compatible Laptop Sizes	13-17 inches
Rotation Angle	235° horizontal, 90° vertical

WARRANTY AND SUPPORT

For any questions regarding your Maxfree S6 Laptop Screen Extender, including compatibility concerns or technical assistance, please contact Maxfree customer service. They typically respond within 24 hours.

Refer to the product packaging or the official Maxfree website for the most current contact information and warranty details.

Related Documents

	Maxfree M2 User Guide: Dual Portable Monitor Setup and Operation Comprehensive user guide for the Maxfree M2 dual portable monitor, detailing setup, connection types (USB-C, HDMI), hub usage for Mac OS, troubleshooting tips, and key definitions for optimal use.
	MAXFREE T2 Portable Triple Screen User's Guide This user guide provides comprehensive instructions for setting up and using the MAXFREE T2 portable triple screen monitor. It covers installation, connection methods for various devices, display settings for Windows and macOS, OSD operations, and answers frequently asked questions.
	Maxfree F1 User's Guide: Portable Dual Screen Monitor Comprehensive user guide for the Maxfree F1 portable dual screen monitor, covering installation, connection, audio and display settings for Windows and macOS, OSD settings, and storage recommendations.
	Maxfree K3 Foldable Touchscreen Mechanical Gaming Keyboard User Guide User guide for the Maxfree K3 foldable touchscreen mechanical gaming keyboard, detailing product contents, installation steps, connection methods for various devices, touch screen settings for Windows and Mac, and essential usage tips.