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› Spedal 4K UHD Webcam User Manual

Spedal FF931

Spedal 4K UHD Webcam User Manual

Model: FF931

1. PRODUCT OVERVIEW

The Spedal 4K UHD Webcam is designed to provide high-quality video and audio for various applications, including video conferencing, streaming, online teaching, and video calling. It features advanced imaging technology, intelligent audio processing, and convenient remote control capabilities.

Package Contents

- Spedal 4K UHD Webcam
- Remote Control
- USB-A to USB-C Cable
- USB-C to USB-A Adapter
- Mini Tripod



2. SETUP GUIDE

Connecting the Webcam

1. **Mounting:** Place the webcam on top of your monitor, laptop screen, or attach it to the included mini tripod. Ensure it is stable and securely positioned.
2. **Connect to Computer:** Plug the USB-A end of the provided cable into an available USB port on your computer. If your computer only has USB-C ports, use the included USB-C to USB-A adapter.

Spedal software to cooperate with the webcam



Compatible with two systems



Windows



Mac OS



- ★ Image filters
- ★ Virtual camera
- ★ Adjustable angle
- ★ Multiple cameras
- ★ Image adjustments

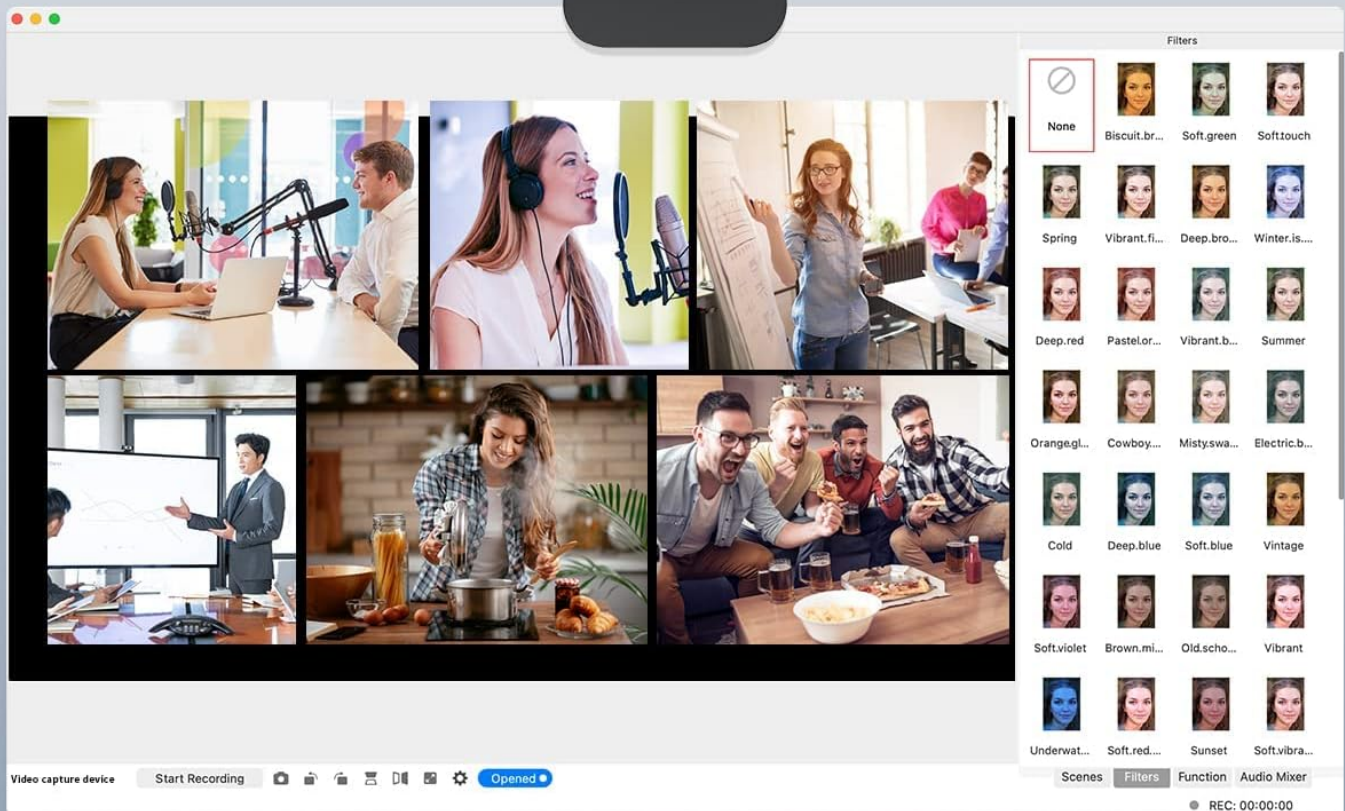


Image: The webcam includes a USB Type-C adapter for versatile connectivity with both USB-A and USB-C input ports.

Initial Setup

The Spedal 4K UHD Webcam is designed for plug-and-play functionality. Most operating systems (Windows, macOS) will automatically detect and install the necessary drivers upon connection.

- Allow a few moments for your computer to recognize the device.
- Open your preferred video conferencing or streaming application (e.g., Zoom, Skype, Microsoft Teams).
- In the application's settings, select "Spedal 4K UHD Webcam" as your video and audio input device.

3. OPERATING INSTRUCTIONS

Video Quality and Features

- **4K Ultra HD Resolution:** The webcam features an 8MP 1/3" CMOS image sensor, providing a resolution of up to 3840x2160 at 30 frames per second for sharp and clear video.
- **120° Wide Angle:** The wide field of view is ideal for group video conferences, allowing more participants to be seen without distortion.
- **Fixed Focus:** Ensures consistent clarity without the need for continuous autofocus adjustments.

4K Ultra HD W/ 8MP Webcam

Features 3840*2160 resolution at 25fps, provides razor-sharp video



120°WIDE-ANGLE VIEW & FIXED FOCUS

Suitable for video conference without distortion



Image: Illustration of the 120-degree wide-angle view, suitable for video conferences without distortion.

Audio Features

The webcam includes built-in dual stereo microphones with Automatic Noise Reduction technology. This feature helps eliminate background noise, ensuring your voice is captured clearly within a 3-meter range, making it suitable for various communication scenarios.

Built-in AI Noise Reduction Dual Microphones

Enhances microphone performance by minimizing background noise for crystal-clear online voice communication.



Image: The webcam features built-in AI noise reduction dual microphones for clear audio in various environments.

Remote Control Functions

The included remote control allows for convenient adjustment of webcam settings from a distance.

- **4x Digital Zoom:** Zoom in and out gradually (Note: Zoom functions optimally when resolution is below 4K).
- **Mute On/Off:** Quickly mute or unmute the microphone.
- **Adjusting Brightness:** Control the video brightness.
- **Adjusting Saturation:** Modify color saturation.
- **Pan:** Adjust the camera's horizontal view after zooming in.
- **Mirror & Flip:** Change the video orientation.

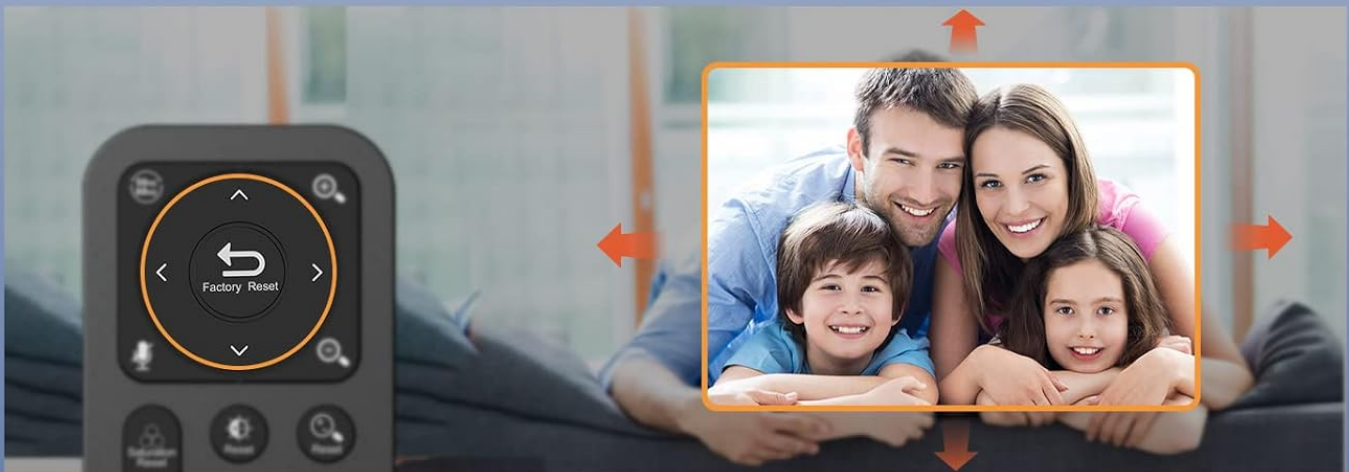
- **Factory Reset:** Restore default settings.

4X Digital Zoom w/Remote

Zoom in and out easily with the provided remote



NOTE: Zoom in/out buttons works when the resolution is below 4K



Up,down,left,right,only work after zooming in

Image: Demonstrates the 4X digital zoom capability using the remote control, allowing for closer focus.

Adjustable Light Correction

Adjust the saturation and brightness via remote to get better images and video quality

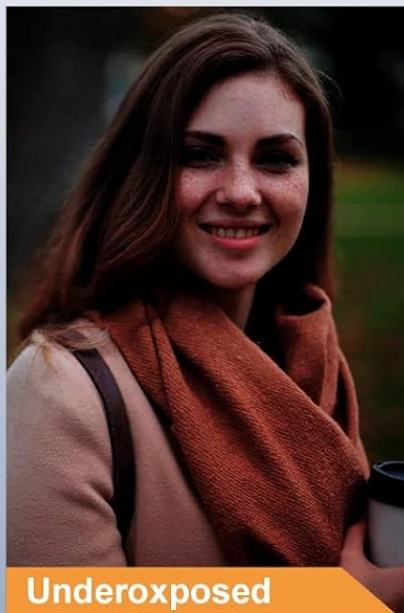


Image: Shows how adjustable light correction via the remote can improve image quality from underexposed or overexposed to perfect.



Image: Detailed diagram of the remote control buttons and their corresponding functions, including zoom, mute, brightness, and factory reset.

Spedal Software Control

For advanced customization, you can download the official Spedal software from the Spedal website. This software allows you to modify various parameters:

- Exposure
- Focus
- Resolution
- Saturation
- Contrast

- PLF (HZ)
- White Balance

The software also supports video recording and can be used with other webcam brands.

USB Type-C Adapter Included

Plug & Play. Compatible with USB-A and USB-C input ports.

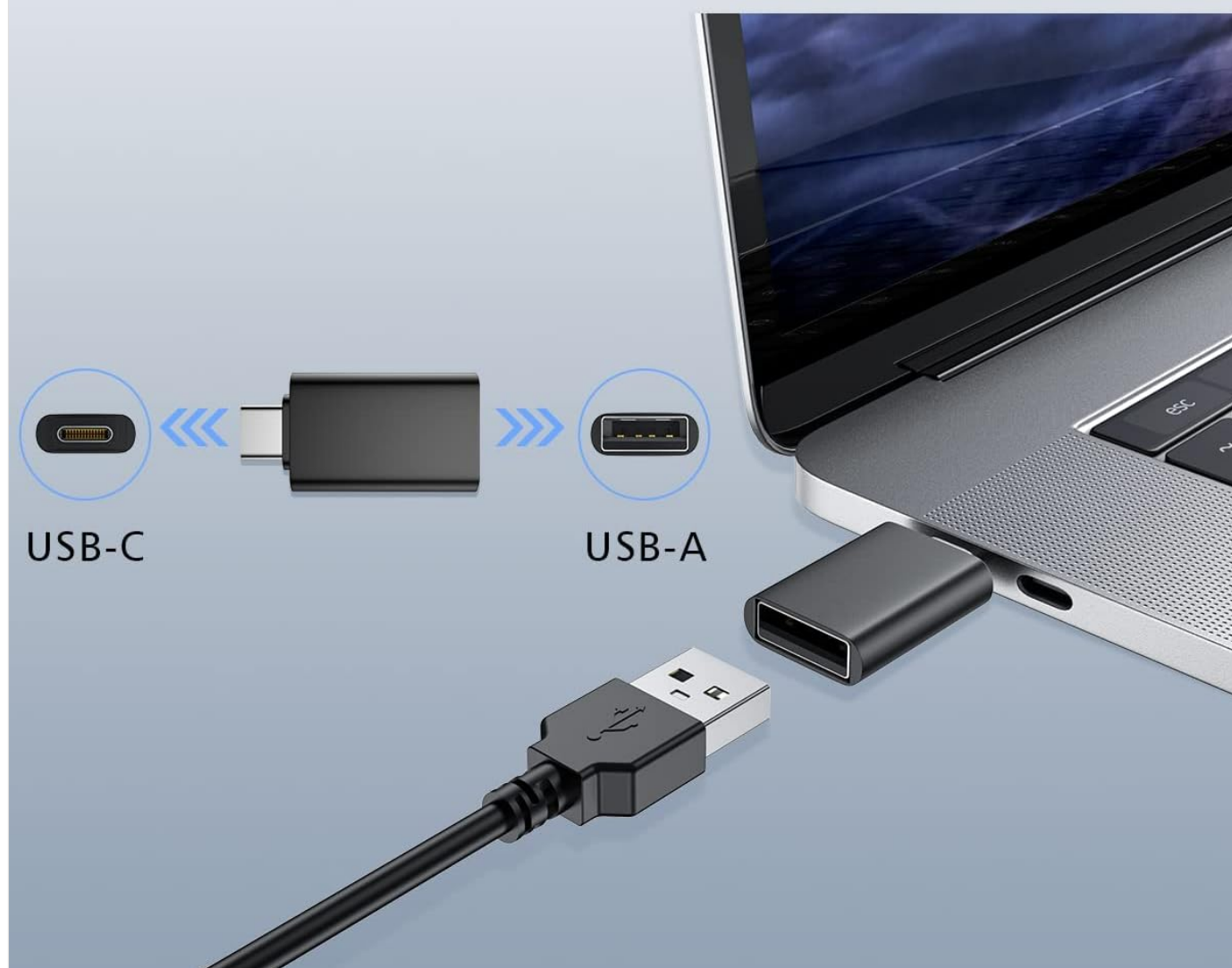


Image: Screenshot of the Spedal software interface, showing options for image filters, virtual camera, adjustable angle, multiple cameras, and image adjustments.

Usage Scenarios

The Spedal 4K UHD Webcam is versatile for various applications:

- **Conferencing:** Ideal for professional meetings with clear video and audio.

- **Streaming:** Provides high-resolution output for live broadcasts.
- **Online Teaching:** Enhances virtual classroom experiences.
- **Video Calling:** Ensures high-quality personal communication.



Image: The webcam is shown being used for distance learning, conferencing, and live streaming, highlighting its versatility.

Official Product Video

Your browser does not support the video tag.

Video: An official product video demonstrating the features and usage of the Spedal 931 4K UHD Webcam, including its plug-and-play setup, high resolution, and remote control capabilities.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Spedal 4K UHD Webcam, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the webcam lens and body. Avoid using abrasive cleaners or solvents that could damage the surface.
- **Storage:** When not in use, store the webcam in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent internal damage.

5. TROUBLESHOOTING

If you encounter issues with your Spedal 4K UHD Webcam, refer to the following common solutions:

Problem	Possible Cause	Solution
No video/audio output	Loose connection, incorrect device selection, driver issue	Ensure USB cable is securely connected. Check if the webcam is selected as the default device in your application settings. Try a different USB port. Restart your computer.
Video flickering or poor quality	Lighting conditions, software settings, cable issue	Adjust lighting in your environment. Use the Spedal software or remote control to adjust brightness, saturation, and PLF (HZ) settings. Ensure the USB cable is not damaged.
Microphone not picking up sound	Microphone muted, incorrect device selection, software issue	Ensure the microphone is not muted via the remote control or software. Verify "Spedal 4K UHD Webcam" is selected as the audio input device in your application settings. Check system sound settings.
Remote control not working	Battery low, line of sight blocked	Replace remote control batteries. Ensure there is a clear line of sight between the remote and the webcam.

6. SPECIFICATIONS

Feature	Detail
Brand	Spedal
Model Number	FF931
Video Capture Resolution	4K (3840x2160) at 30 fps
Photo Sensor Technology	CMOS (8 Megapixels)
Field of View	120° Wide Angle
Focus Type	Fixed Focus
Microphone	Built-in Dual Stereo Microphones with AI Noise Reduction
Connectivity Technology	USB (USB-A and USB-C compatible)
Item Weight	1.04 pounds
Package Dimensions	6.1 x 4.57 x 3.03 inches
Color	Black

7. WARRANTY AND SUPPORT

Spedal products are manufactured with quality and reliability in mind. For specific warranty information and terms, please refer to the documentation included with your purchase or visit the official Spedal website.

For technical support, driver downloads, or further assistance, please visit the manufacturer's support page or contact their customer service. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question