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› SEETEC P215 PRO 21.5-inch Broadcast Director Production Monitor User Manual

## SEETEC P215 PRO

# SEETEC P215 PRO 21.5-inch Broadcast Director Production Monitor User Manual

Model: P215 PRO

## 1. INTRODUCTION

This manual provides detailed instructions for the proper operation and maintenance of your SEETEC P215 PRO 21.5-inch Broadcast Director Production Monitor. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the monitor and ensure user safety:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing; refer all servicing to qualified personnel.
- Use only the specified power adapter.
- Ensure proper ventilation to prevent overheating.
- Avoid placing heavy objects on the monitor.
- Clean the monitor with a soft, dry cloth.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x SEETEC P215 PRO Monitor
- 1 x 4A Power Adapter
- 1 x Tally Kit
- 1 x V-mount Battery Plate (pre-mounted)
- 1 x Mini HDMI Cable

- 1 x HDMI Cable
- 1 x SDI Cable
- 1 x User Manual

## PACNAGE INCLUDES



P215 PRO Monitor



4A Power Adapter



Stand Feet



SDI Cable



Mini HDMI Cable



V-Battery Plate



TALLY Kit



Manual

Image: Contents of the SEETEC P215 PRO monitor package, including the monitor, power adapter, cables, and accessories.

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel



Image: Front view of the SEETEC P215 PRO monitor displaying a scenic landscape with waveform and vector scope overlays. Control buttons are visible below the screen.

The front panel features the 21.5-inch display, control buttons, and indicators. Key features include:

- **21.5-inch Full HD Display:** 1920x1080 resolution with 16.7 million colors.
- **1000nit High Brightness:** Ensures visibility in various lighting conditions, including daylight.
- **HDR Monitoring:** Provides accurate color and contrast representation.
- **Waveform Monitoring:** Built-in tools for precise signal analysis.
- **Custom 3D LUT Support:** Upload up to 32 custom LUTs for on-set color preview.

## 4.2 Rear Panel and Connectivity

# MULTIPLE INPUT AND OUTPUT OPTIONS

## SDI Support Format

720p (60/59.94/50/30/29/25/24/23.98)

1080i (60/59.94/50)

1080p (60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)

## HDMI Support Format

720p(60/59.94/50/30/29.97/25/24/23.98)

1080i (60/59.94/50)

1080p(60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)

4K UHD 3840×2160p (60/50/30/29.97/25/24/23.98Hz)

4096×2160p (60/50/30/29.97/25/24/23.98Hz)

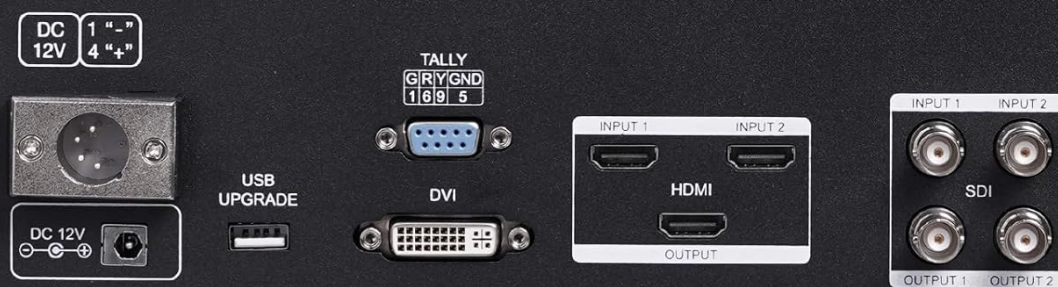


Image: Rear view of the SEETEC P215 PRO monitor showing various input and output ports, including DC 12V, USB, DVI, HDMI, and SDI connections.

The rear panel provides all necessary input and output ports:

- **Power Input:** DC 12V and XLR Power Connector.
- **USB Port:** For firmware upgrades and loading custom LUTs.
- **Video Inputs:** 2 x 3G-SDI, 2 x HDMI (supports 4K@60Hz).
- **Video Outputs:** 2 x 3G-SDI, 1 x HDMI.
- **Tally Port:** For Tally light connection.
- **V-mount Battery Plate:** For portable power solutions.

## 5. SETUP

### 5.1 Attaching the Stand Feet

1. Carefully place the monitor face down on a soft, clean surface.
2. Align the stand feet with the mounting holes on the bottom of the monitor.

3. Secure the feet using the provided screws.

## 5.2 Power Connection

The monitor can be powered using the included 4A power adapter or a V-mount battery.

- **AC Power:** Connect the 4A power adapter to the DC 12V input port on the rear panel and plug it into a power outlet.
- **Battery Power:** Ensure a V-mount battery is securely attached to the V-mount battery plate on the rear of the monitor.

## 5.3 Connecting Video Sources

Connect your camera or video source to the monitor using appropriate cables.

- **HDMI Connection:** Use an HDMI cable to connect your device's HDMI output to one of the HDMI input ports (HDMI 1 or HDMI 2) on the monitor. The monitor supports 4K@60Hz via HDMI.
- **SDI Connection:** Use an SDI cable to connect your device's SDI output to one of the SDI input ports (SDI 1 or SDI 2) on the monitor.

## 6. OPERATING INSTRUCTIONS

### 6.1 Powering On/Off

Locate the power switch on the right side of the monitor's front panel. Flip the switch to the "ON" position to power on the monitor. Flip it to "OFF" to power off.

### 6.2 Menu Navigation

The monitor features a rotary knob and function buttons for menu navigation.

- **MENU Button:** Press the MENU button to access the main menu.
- **Rotary Knob:** Rotate the knob to scroll through menu options. Press the knob to confirm a selection.
- **EXIT Button:** Press the EXIT button to go back one level in the menu or exit the menu entirely.
- **Function Buttons (F1-F4):** These buttons can be customized for quick access to frequently used features.

### 6.3 Input Selection

Use the dedicated input selection buttons (HDMI 1, HDMI 2, SDI 1, SDI 2) on the front panel to switch between connected video sources.

### 6.4 Advanced Features

The P215 PRO includes several advanced monitoring tools:

- **Waveform/Vectorscope:** Access these tools via the menu or a programmed function button to analyze video signals.
- **3D LUTs:**
  1. Load custom .cube LUT files onto a USB flash drive.
  2. Insert the USB drive into the monitor's USB port.
  3. Navigate to the "LUT" section in the menu to upload and apply your desired LUTs. The monitor supports up to 32 custom LUTs.

# CUSTOM LOAD

## 3D LUTS

Supports upload 32 custom LUTs,  
preview filming look in field shooting



Image: Screenshot of the monitor's menu showing options for loading custom 3D LUTs via a USB drive, with before and after examples of color grading.

- **HDR Monitoring:** The monitor automatically detects and displays HDR content.
- **Tally Light:** Connect the Tally Kit to the Tally port. The 3-color Tally light indicates recording status (Red for Record, Green for Preview, Yellow for Standby).

## 7. MAINTENANCE

### 7.1 Cleaning

To clean the monitor:

- Power off the monitor and disconnect it from the power source.
- Use a soft, lint-free cloth to gently wipe the screen and casing.
- For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the monitor.

### 7.2 Storage

When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme

temperatures. Use the original packaging or a protective case for transport.

## 8. TROUBLESHOOTING

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<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
No power	Power cable disconnected; Power switch off; Battery depleted.	Check power cable connection; Ensure power switch is ON; Recharge or replace battery.
No video signal	Incorrect input selected; Cable loose or faulty; Source device not outputting signal.	Select correct input; Check cable connections; Verify source device output.
Image distortion/poor quality	Incorrect resolution/frame rate; Faulty cable; Monitor settings.	Adjust source resolution/frame rate; Try a different cable; Reset monitor settings to default.
Menu button sticks out	Design characteristic.	Exercise caution when transporting or storing the monitor to prevent damage to the menu button. Consider a protective case.

## 9. SPECIFICATIONS

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Feature	Detail
Screen Size	21.5 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Image Brightness	1000nit
Aspect Ratio	16:9
Contrast Ratio	800:1
Viewing Angle	178°
Color Depth	8-bit (16.7M colors)
HDMI Input	2 (supports 4K@60Hz)
SDI Input	2 (3G-SDI)
HDMI Output	1
SDI Output	2 (3G-SDI)
USB Ports	1 (for LUTs and firmware)
Product Dimensions	4.72 x 22.05 x 15.75 inches
Item Weight	9.9 pounds
Manufacturer	SEETEC
Model Number	P215 PRO-OF-EU

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SEETEC website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official SEETEC Store: SEETEC Amazon Store