AOC AOC 24B3CF2

AOC Basic-line 24B3CF2 LED Monitor User Manual

Model: AOC 24B3CF2

INTRODUCTION

The AOC Basic-line 24B3CF2 is a 23.8-inch Full HD (1080p) LED monitor designed for enhanced productivity. It features an IPS panel for vibrant visuals and true-to-life colors, USB-C connectivity for video signal, power delivery, and data transfer, and a height-adjustable stand for ergonomic comfort. This manual provides essential information for setting up, operating, and maintaining your monitor.

Figure 1: Front view of the AOC Basic-line 24B3CF2 monitor.

Figure 2: Key features of the AOC Basic-line 24B3CF2 monitor.

SAFETY INFORMATION

- Always place the monitor on a stable, flat surface.
- Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Keep the monitor away from water and excessive moisture.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.
- Unplug the monitor from the power outlet before cleaning.

PACKAGE CONTENTS

Before proceeding with the setup, please verify that all items are present in the package:

- AOC 24B3CF2 Monitor Display
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable

- USB-C Cable
- Quick Setup Guide

SETUP

1. Assembling the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor panel. Ensure it clicks into place or is secured with screws if provided.
3. Attach the stand base to the stand neck. Tighten the thumb screw or screws at the bottom of the base.

Figure 3: Rear view of the monitor with stand assembly area.

2. Connecting the Monitor

The AOC 24B3CF2 monitor offers multiple connectivity options:

- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer and the other end to the HDMI port on the monitor.

- **USB-C Connection:** Connect one end of the USB-C cable to the USB-C port on your computer and the other end to the USB-C port on the monitor. This single connection can provide video, data, and power delivery (up to 65W) to your laptop.
- **USB Hub Functionality:** The monitor features additional USB ports. Connect the USB-C cable to enable these ports for connecting peripherals like a keyboard or mouse.

Figure 4: Available ports on the AOC 24B3CF2 monitor.

3. Power Connection

Connect the power cable to the power input on the monitor and then plug the other end into a grounded electrical outlet.

4. Powering On

Press the power button located on the monitor to turn it on. The power indicator light will illuminate.

OPERATING THE MONITOR

1. Basic Controls

The monitor features several buttons, typically located on the bottom right side or rear, for navigating the On-Screen Display (OSD) menu and adjusting basic settings.

- **Power Button:** Turns the monitor on or off.
- **Menu Button:** Opens the OSD menu.
- **Navigation Buttons (Up/Down/Left/Right):** Used to navigate through OSD options and adjust values.
- **Exit Button:** Exits the OSD menu or returns to the previous level.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to configure various display settings. To access the OSD menu, press the Menu button.

Common OSD Menu Categories:

- **Luminance:** Adjust brightness, contrast, gamma.
- **Image Setup:** Auto-adjust, H. Position, V. Position, Clock, Phase (for analog input).
- **Color Setup:** Color temperature, sRGB, User Define.
- **OSD Setup:** OSD language, OSD H. Position, OSD V. Position, OSD Timeout, Transparency.
- **Extra:** Input Select (HDMI, USB-C), Reset, DDC/CI.

3. Height Adjustment

The AOC 24B3CF2 features a height-adjustable stand. To adjust the height, gently push or pull the monitor panel up or down while holding the base firmly. This allows for optimal ergonomic positioning to reduce strain during extended use.

Figure 5: Side view illustrating the monitor's adjustable stand.

MAINTENANCE

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using benzene, thinner, ammonia, or abrasive cleaners, as they can damage the monitor's surface.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable not connected; Video cable not connected; Incorrect input source selected.	Ensure power cable is securely connected and power outlet is active. Check video cable connection (HDMI/USB-C) to both monitor and computer. Press the input select button to cycle through input sources.
Image is blurry or distorted	Incorrect resolution; Loose video cable.	Set the display resolution to the monitor's native resolution (1920x1080). Ensure video cable is securely connected.
No sound from monitor speakers (if applicable)	Volume too low; Incorrect audio output selected on computer; No audio signal via video cable.	Adjust monitor volume via OSD. Select the monitor as the audio output device in your computer's sound settings. Ensure the video cable (HDMI/USB-C) supports audio transmission. Note: This monitor's speakers may have limited audio quality.
USB ports not working	USB-C cable not connected or not fully functional; USB drivers not installed.	Ensure the USB-C cable is properly connected and supports data transfer. Check your computer's device manager for any USB driver issues.

SPECIFICATIONS

Below are the technical specifications for the AOC Basic-line 24B3CF2 monitor:

Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2013 DER KOMMISSION zur
Energieverbrauchskennzeichnung von elektronischen Displays

	Parameter	Parameter oder Wert und Genauigkeit			Einheit
1.	Name oder Warenzeichen des Lieferanten	AOC			
	Anschrift des Lieferanten	-			
2.	Modellkennung	24B3CF2			
3.	Energieeffizienzklasse bei Standard-Dynamikumfang (SDR)	E			
4.	Leistungsaufnahme im Ein-Zustand bei SDR			18,0	W
5.	Energieeffizienzklasse bei hohem Dynamikumfang (HDR)	E			
6.	Leistungsaufnahme im Ein-Zustand bei hohem Dynamikumfang (HDR), falls vorhanden			18,0	W
7.	Leistungsaufnahme im Aus-Zustand, falls zutreffend			0,3	W
8.	Leistungsaufnahme im Bereitschaftszustand, falls zutreffend			0,5	W
9.	Leistungsaufnahme im vernetzten Bereitschaftsbetrieb, falls zutreffend		Nicht zutreffend		W
10.	Art des elektronischen Displays		Monitor		
11.	Seitenverhältnis	16	:	9	
12.	Bildschirmauflösung	1 920	x	1 080	pixels
13.	Bildschirmdiagonale			60,5	cm
14.	Bildschirmdiagonale			24	Zoll
15.	Sichtbare Bildschirmfläche			15,6	dm²
16.	Verwendete Panel-Technologie		LED LCD		
17.	Automatische Helligkeitsregelung (ABC) vorhanden		Nein		
18.	Spracherkennungssensor vorhanden		Nein		
19.	Anwesenheitssensor vorhanden		Nein		
20.	Bildwiederholfrequenz (Standard)			60	Hz
21.	Mindestens garantierte Software- und Firmware-Aktualisierungen (ab dem Datum der Beendigung des Inverkehrbringens)			8	Jahre
22.	Mindestens garantierte Verfügbarkeit von Ersatzteilen (ab dem Datum der Beendigung des Inverkehrbringens)			7	Jahre
23.	Mindestens garantierte Produktunterstützung			8	Jahre
	Mindestlaufzeit der vom Lieferanten angebotenen allgemeinen Garantie			3	Jahre
24.	Art der Stromversorgung (Netzteil)	Intern			
25.	Externes Netzteil (nicht genormt, in der Verkaufsverpackung enthalten)				
	i	-			
	ii	Eingangsspannung			-	V

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	iii	Ausgangsspannung			-	V
26.	Genormtes externes Netzteil (oder geeignetes Netzteil, falls nicht in der Verkaufsverpackung enthalten)					
	i	-			
	ii	Benötigte Ausgangsspannung			-	V
	iii	Benötigte (Mindest-)Stromstärke			-	A
	iv	Benötigte Stromfrequenz			-	Hz

Model placed on the Union market from 30/11/2023

EPREL registration number: 1840166

https://eprel.ec.europa.eu/qr/1840166

Supplier: AOC International (Europe) B.V. (Manufacturer)   Website: https://eu.aoc.com

Customer care service:

Name: Website:

Email: Phone:

Address:

Figure 6: Physical dimensions of the monitor.

Feature	Detail
Model Name	AOC 24B3CF2
Screen Size	24 Inches (23.8 inches / 60.5 cm)
Resolution	1920 x 1080 (Full HD 1080p)
Panel Type	IPS

Feature	Detail
Aspect Ratio	16:9
Response Time	1 Millisecond (MPRT)
Refresh Rate	100 Hz (Max)
Image Contrast Ratio	1000:1
Viewing Angle	178 Degrees (Horizontal/Vertical)
Connectivity	HDMI, USB Type-C (with 65W Power Delivery), 2x USB-A
Power Consumption (SDR)	18.0 W
Power Consumption (HDR)	18.0 W
Standby Power	0.3 W
Off Mode Power	0.5 W
Dimensions (W x H x D)	55 x 47 x 23 cm (approx.)
Weight	4.56 kg
Language Support	English, French, German, Spanish

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays

	Parameter	Parameter or value and precision			Unit
1.	Supplier's name or trademark.	AOC			
	Supplier's address.	-			
2.	Model identifier	24B3CF2			
3.	Energy Efficiency Class for Standard Dynamic Range (SDR)	E			
4.	On mode power demand in SDR			18,0	W
5.	Energy Efficiency Class for High Dynamic Range (HDR)	E			
6.	On mode power demand in HDR, if implemented			18,0	W
7.	Off mode, power demand, if applicable			0,3	W
8.	Standby mode power demand, if applicable			0,5	W
9.	Networked standby mode power demand, if applicable			n.a.	W
10.	Electronic display category			Monitor	
11.	Size ratio	16	:	9	
12.	Screen resolution	1 920	x	1 080	pixels
13.	Screen diagonal			60,5	cm
14.	Screen diagonal			24	inches
15.	Visible screen area			15,6	dm²
16.	Panel technology used			LED LCD	
17.	Automatic Brightness Control (ABC) available			No	
18.	Voice recognition sensor available			No	
19.	Room presence sensor available			No	
20.	Image refresh frequency rate (default)			60	Hz
21.	Minimum guaranteed availability of software and firmware updates (from the date of end of the placement on the market)			8	Years
22.	Minimum guaranteed availability of spare parts (from the date of end of the placement on the market)			7	Years
23.	Minimum guaranteed product support			8	Years
	Minimum duration of the general guarantee offered by the supplier			3	Years
24.	Power supply type	Internal			
25.	External power supply (non standardized and included in the product box)				
	i	-			
	ii	Input voltage		-	V
	iii	Output voltage		-	V
26.	External standardised power supply (or suitable one if not included in the product box)				

			Unit
i	-		
ii	Required output voltage	-	V
iii	Required delivered current (minimum)	-	A
iv	Required current frequency	-	Hz

Model placed on the Union market from 30/11/2023

EPREL registration number: 1840166

https://eprel.ec.europa.eu/qr/1840166

Supplier: AOC International (Europe) B.V. (Manufacturer) **Website:** https://eu.aoc.com

Customer care service:

Name: **Website:**

Email: **Phone:**

Address:

Figure 7: Product Information Sheet (English).

For more detailed energy information, visit the EPREL database.

Fiche d'information sur le produit

RÈGLEMENT DÉLÉGUÉ (UE) 2019/2013 DE LA COMMISSION en ce qui concerne l'étiquetage énergétique des dispositifs d'affichage électronique

	Paramètre	Paramètre ou valeur et précision			Unité
1.	Nom ou marque commerciale du fournisseur.	AOC			
	Adresse du fournisseur.	-			
2.	Référence du modèle	24B3CF2			
3.	Classe d'efficacité énergétique pour la gamme dynamique standard (SDR)	E			
4.	Puissance appelée en mode marche en SDR			18,0	W
5.	Classe d'efficacité énergétique pour la haute gamme dynamique (HDR)	E			
6.	Puissance appelée en mode marche pour la haute gamme dynamique (HDR), le cas échéant			18,0	W
7.	Puissance appelée en mode arrêt, le cas échéant			0,3	W
8.	Puissance appelée en mode veille, le cas échéant			0,5	W
9.	Puissance appelée en mode veille avec maintien de la connexion au réseau, le cas échéant			s.o.	W
10.	Catégorie de dispositif d'affichage électronique			Moniteur	
11.	Rapport de taille	16	:	9	
12.	Résolution d'écran	1 920	x	1 080	pixels
13.	Diagonale de l'écran			60,5	cm
14.	Diagonale de l'écran			24	pouces
15.	Surface visible de l'écran			15,6	dm²
16.	Technologie d'affichage utilisée			LED LCD	
17.	Réglage automatique de la luminosité (ABC) disponible			Non	
18.	Capteur de reconnaissance vocale disponible			Non	
19.	Capteur de présence disponible			Non	
20.	Taux de fréquence de rafraîchissement de l'image (par défaut)			60	Hz
21.	Disponibilité minimale garantie des mises à jour du logiciel et du micrologiciel (à compter de la date de fin de mise sur le marché)			8	Années
22.	Disponibilité minimale garantie des pièces de rechange (à compter de la date de fin de commercialisation)			7	Années
23.	Assistance produit minimale garantie			8	Années
	Durée minimale de la garantie générale offerte par le fournisseur			3	Années
24.	Type d'alimentation	Interne			
25.	Alimentation externe (incluse dans l'emballage du produit)				
	i	-			

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26.					
	ii	Tension d'entrée		-	V
	iii	Tension de sortie		-	V
26.	Alimentation externe normalisée (ou appropriée si non incluse dans l'emballage du produit)				
	i	-			
	ii	Tension de sortie requise		-	V
	iii	Intensité du courant à fournir (minimale)		-	A
	iv	Fréquence du courant requise		-	Hz

Model placed on the Union market from 30/11/2023

EPREL registration number: 1840166

https://eprel.ec.europa.eu/qr/1840166

Supplier: AOC International (Europe) B.V. (Manufacturer)   Website: https://eu.aoc.com

Customer care service:

Name: Website:

Email: Phone:

Address:

Figure 8: EU Energy Label.

WARRANTY AND SUPPORT

AOC provides a general guarantee for this product. The minimum guaranteed availability of software and firmware

updates is 8 years from the date of placement on the market. The minimum guaranteed availability of spare parts is also 8 years from the date of placement on the market. Minimum guaranteed product support is 8 years.

For technical support, warranty claims, or service inquiries, please contact AOC customer service. Refer to the contact information provided in your product's packaging or visit the official AOC website for your region.

Official AOC Website: https://eu.aoc.com

Related Documents - AOC 24B3CF2

[Manuel de l'utilisateur AOC CU34E4CW - Guide complet](#)
Manuel de l'utilisateur pour le moniteur AOC CU34E4CW. Ce guide couvre l'installation, les réglages, le dépannage, les spécifications et plus encore pour votre moniteur AOC.

[AOC CQ32G4E Gaming Monitor User Manual - Setup, Features, and Troubleshooting](#)
Comprehensive user manual for the AOC CQ32G4E gaming monitor. Covers setup, installation, features like Adaptive-Sync and HDR, troubleshooting, and technical specifications. Get the most out of your AOC gaming display.

[دليل المستخدم لشاشة AOC AGON PRO CS24A](#)
دليل مستخدم مفصل لشاشة الألعاب AOC AGON PRO CS24A، يغطي الإعداد والميزات والمواصفات وإعدادات HDR، AMD FreeSync Premium واستكشاف الأخطاء وإصلاحها. يتضمن معلومات حول وظيفة الألعاب.

[AOC U32V11N Monitor User Manual: Setup, Features, and Troubleshooting](#)
Comprehensive user manual for the AOC U32V11N gaming monitor. Covers setup, installation, safety, OSD settings, HDR, troubleshooting, and specifications. Learn how to optimize your viewing experience.

[AOC CS24A User Manual: Setup, Features, and Specifications](#)
Comprehensive user manual for the AOC CS24A monitor, covering setup, safety, features like AMD FreeSync Premium and HDR, OSD settings, troubleshooting, and technical specifications.

[AOC AG276QKD2 OLED Monitor User Manual](#)
Comprehensive user manual for the AOC AG276QKD2 OLED Monitor, covering setup, operation, features like Adaptive-Sync and HDR, troubleshooting, and specifications. Learn how to connect, adjust, and maintain your display for optimal performance.