

[Manuals.plus](#) /

› [UPERFECT](#) /

› UPERFECT 18.5 Inch 120Hz Portable Monitor User Manual

UPERFECT B0G143NVPX

UPERFECT 18.5 Inch 120Hz Portable Monitor User Manual

Model: B0G143NVPX

1. INTRODUCTION

Thank you for choosing the UPERFECT 18.5 Inch 120Hz Portable Monitor. This manual provides essential information for the safe and efficient use of your new portable display. Please read these instructions carefully before operating the device and retain them for future reference.



Image 1.1: UPERFECT 18.5 Inch 120Hz Portable Monitor. This image displays the monitor from a front-angle view, showcasing its slim design and screen.

2. SAFETY INFORMATION

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid placing the monitor near heat sources or in direct sunlight.
- Use only the power adapter and cables provided or recommended by UPERFECT.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Keep the monitor away from strong magnetic fields.
- Clean the screen with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact UPERFECT customer support.

- UPERFECT 18.5 Inch 120Hz Portable Monitor
- Protective Case/Stand
- USB-C to USB-C Cable
- Mini HDMI to HDMI Cable
- USB-A to USB-C Power Cable
- Power Adapter
- User Manual

Long Hours, Eye Strain?

Paper-Like • Flicker-Free • Fatigue-Free

A 62% reduction in visual fatigue. DC dimming and soft optical diffusion ensure comfort during long hours.



DC Dimming

Precise brightness control for smooth, stable visuals at any light level.



Flicker-Free

Eliminates screen flicker for stable, comfortable viewing over long hours.

Image 3.1: Monitor and accessories. This image shows the portable monitor alongside its protective case, USB-C, Mini HDMI, and power cables.

4. MONITOR FEATURES

The UPERFECT 18.5 Inch 120Hz Portable Monitor is designed for versatility and high performance, offering a range of features for various applications.

- **18.5-inch Full HD (1920x1080) Display:** Provides a large, clear viewing area.
- **120Hz Refresh Rate:** Ensures smooth visuals, ideal for gaming and fast-paced content.
- **Matte Screen:** Reduces glare and reflections for comfortable viewing.

- **USB-C and Mini HDMI Connectivity:** Offers broad compatibility with various devices.
- **Metal Case:** Durable and premium build quality.
- **VESA Compatible:** Allows for flexible mounting options (75x75mm).
- **NxtLED™ Technology:** Advanced display technology for enhanced color and reduced flicker.
- **TrueSight Care™:** Hardware-level low blue light and 145% sRGB gamut for eye comfort and accurate colors.
- **Omni Visible™:** Improved sunlight readability with 300% better glare reduction.
- **178° Wide Viewing Angle:** Consistent image quality from various perspectives.
- **1ms MPRT & FreeSync:** Reduces motion blur and screen tearing for a fluid experience.
- **600 Lux Brightness & 2000:1 Contrast Ratio:** Delivers vibrant and detailed images.

Produktinformationsblatt					
DELEGIERTE VERORDNUNG (EU) 2019/2013 DER KOMMISSION in Bezug auf die Energieverbrauchskennzeichnung von elektronischen Displays					
	Parameter	Parameter oder Wert und Präzision			Einheiten
1.	Name oder Warenzeichen des Lieferanten.	UPERFECT			
	Adresse des Lieferanten.	eVatmaster Consulting GmbH, Bettinastr. 30 60325 Frankfurt am Main, DE			
2.	Modellkennung	M185E01/M185F01/ M185K01/M185G01/ M185J01			
3.	Energieeffizienzklasse für Standard-Dynamikbereich (SDR)	A			
4.	Leistungsbedarf im Ein-Modus in SDR	6,0			W
5.	Energieeffizienzklasse für High Dynamic Range (HDR)	n.a.			
6.	Leistungsbedarf im On-Modus in HDR, falls implementiert	n.a.			W
7.	Aus-Modus, Strombedarf, falls zutreffend	0,3			W
8.	Leistungsbedarf im Standby-Modus, falls zutreffend	0,5			W
9.	Strombedarf im vernetzten Standby-Modus, falls zutreffend	n.a.			W
10.	Kategorie elektronische Anzeige	Monitor			
11.	Größenverhältnis	16	:	9	
12.	Bildschirmauflösung	1920	x	1080	Pixel
13.	Bildschirmdiagonale	47,0			cm
14.	Bildschirmdiagonale	19			Zoll
15.	Sichtbarer Bildschirmbereich	9,4			dm²
16.	Panel-Technologie verwendet	LCD			
17.	Automatische Helligkeitsregelung (ABC) verfügbar	Nein			
18.	Spracherkennung Sensor verfügbar	Nein			
19.	Raum Präsenzsensor verfügbar	Nein			
20.	Bild Aktualisierungsfrequenz (Standard)	60			Hz
21.	Mindest Garantierte Verfügbarkeit von Software- und Firmware-Updates (ab dem Datum des Endes des Inverkehrbringens)	-			Jahre
22.	Mindest Garantierte Verfügbarkeit von Ersatzteilen (ab dem Datum des Endes des Inverkehrbringens)	-			Jahre
23.	Mindest Garantierter Produktsupport	-			Jahre
	Mindestdauer der vom Lieferanten angebotenen allgemeinen Garantie	-			Jahre
24.	Stromversorgung Typ	Extern			
25.	Externe Stromversorgung (nicht genormt und in der Produktverpackung enthalten)				

i	-	
ii Eingangsspannung	230	V
iii Ausgangsspannung	12,0	V
26. Externes genormtes Netzteil (oder passendes falls nicht im Lieferumfang enthalten)		
i	-	
ii Erforderliche Ausgangsspannung	-	V
iii Erforderlicher abgegebener Strom (Minimum)	-	A
iv Erforderliche Stromfrequenz	-	Hz

Image 4.1: NxtLED™ Display Revolution. This diagram illustrates the layers of NxtLED technology, including backlight innovation, optical matrix, soft light film, and glass, designed for enhanced display performance.

Hoja de información del producto				
REGLAMENTO DELEGADO (UE) 2019/2013 DE LA COMISIÓN en materia de etiquetado energético de pantallas electrónicas				
	Parámetro	Parámetro o valor y precisión		
1.	Nombre o marca del proveedor.	UPERFECT		
	Dirección del proveedor.	eVatmaster Consulting GmbH, Bettinastr. 30 60325 Frankfurt am Main, DE		
2.	Identificador de modelo	M185E01/M185F01/ M185K01/M185G01/ M185J01		
3.	Clase de eficiencia energética para rango dinámico estándar (SDR)	A		
4.	Demanda de energía en modo encendido en SDR	6,0		
5.	Clase de eficiencia energética para alto rango dinámico (HDR)	n.a.		
6.	Demanda de energía en modo encendido en HDR, si está implementado	n.a.		
7.	Modo apagado, demanda de energía, si corresponde	0,3		
8.	Demanda de energía en modo de espera, si corresponde	0,5		
9.	Demanda de energía en modo de espera en red, si corresponde	n.a.		
10.	Categoría de pantalla electrónica	Monitor		
11.	Relación de tamaño	16	:	9
12.	Resolución de la pantalla	1920	x	1080
13.	Diagonal de la pantalla	47,0		
14.	Diagonal de la pantalla	19		
15.	Área de pantalla visible	9,4		
16.	Tecnología de paneles utilizada	LCD		
17.	Control automático de brillo (ABC) disponible	No		
18.	Sensor de reconocimiento de voz disponible	No		
19.	Sensor de presencia en la habitación disponible	No		
20.	Frecuencia de actualización de imagen (predeterminada)	60		

21.	Disponibilidad mínima garantizada de actualizaciones de software y firmware (a partir de la fecha de finalización de la comercialización)	-	Años
22.	Disponibilidad mínima garantizada de repuestos (a partir de la fecha de finalización de la comercialización)	-	Años
23.	Soporte de producto mínimo garantizado	-	Años
	Duración mínima de la garantía general ofrecida por el proveedor	-	Años
24.	Tipo de fuente de alimentación	Externo	
25.	Fuente de alimentación externa (no estandarizada e incluida en la caja del producto)		
	i	-	
	ii Voltaje de entrada	230	V
	iii Tensión de salida	12,0	V
	Fuente de alimentación externa estandarizada (o una adecuada si no está incluida en la caja del producto)		
	i	-	
26.	ii Voltaje de salida requerido	-	V
	iii Corriente entregada requerida (mínima)	-	A
	iv Frecuencia actual requerida	-	Hz

Image 4.2: Eye Comfort Features. This image highlights the monitor's Paper-Like, Flicker-Free, and Fatigue-Free attributes, showing a user comfortably working with the display.

Fiche d'informations sur le produit					
RÈGLEMENT DÉLÉGUÉ (UE) 2019/2013 DE LA COMMISSION relatif à l'étiquetage énergétique des affichages électroniques					
	Paramètre	Paramètre ou valeur et précision			Unité
1.	Nom ou marque du fournisseur.	UPERFECT			
	Adresse du fournisseur.	eVatmaster Consulting GmbH, Bettinastr. 30 60325 Frankfurt am Main, DE			
2.	Identifiant du modèle	M185E01/M185F01/ M185K01/M185G01/ M185J01			
3.	Classe d'efficacité énergétique pour la plage dynamique standard (SDR)	A			
4.	Demande de puissance en mode marche en SDR	6,0			W
5.	Classe d'efficacité énergétique pour une plage dynamique élevée (HDR)	n.a.			
6.	Demande de puissance en mode marche en HDR, si implémenté	n.a.			W
7.	Demande de puissance en mode arrêt, le cas échéant	0,3			W
8.	Demande de puissance en mode veille, le cas échéant	0,5			W
9.	Demande de puissance en mode veille du réseau, le cas échéant	n.a.			W
10.	Catégorie d'affichage électronique	Moniteur			
11.	Rapport de taille	16	:	9	
12.	Résolution d'écran	1920	x	1080	pixels
13.	Diagonale de l'écran	47,0			cm
14.	Diagonale de l'écran	19			pouces

15.	Zone d'écran visible	9,4	dm²
16.	Technologie de panneau utilisée	LCD	
17.	Contrôle automatique de la luminosité (ABC) disponible	Non	
18.	Capteur de reconnaissance vocale disponible	Non	
19.	Capteur de présence de pièce disponible	Non	
20.	Fréquence de rafraîchissement de l'image (par défaut)	60	Hz
21.	Disponibilité minimale garantie des mises à jour des logiciels et firmwares (à compter de la date de fin de mise sur le marché)	-	Ans
22.	Disponibilité minimale garantie des pièces détachées (à compter de la date de fin de mise sur le marché)	-	Ans
23.	Support produit minimum garanti	-	Ans
	Durée minimale de la garantie générale offerte par le fournisseur	-	Ans
24.	Type d'alimentation	External	
25.	Alimentation externe (non standardisée et incluse dans la boîte du produit)		
	i	-	
	ii Tension d'entrée	230	V
	iii Tension de sortie	12,0	V
	Alimentation externe standardisée (ou adaptée si elle n'est pas incluse dans la boîte du produit)		
	i	-	
26.	ii Tension de sortie requise	-	V
	iii Courant délivré requis (minimum)	-	A
	iv Fréquence actuelle requise	-	Hz

Image 4.3: TrueSight Care™ for Eye Health and Color Accuracy. This image demonstrates the monitor's low blue light and accurate color reproduction capabilities, showing a split screen comparison of image editing.





UPERFECT

M185E01/M185F01/M185K01/M185G01/M185J01



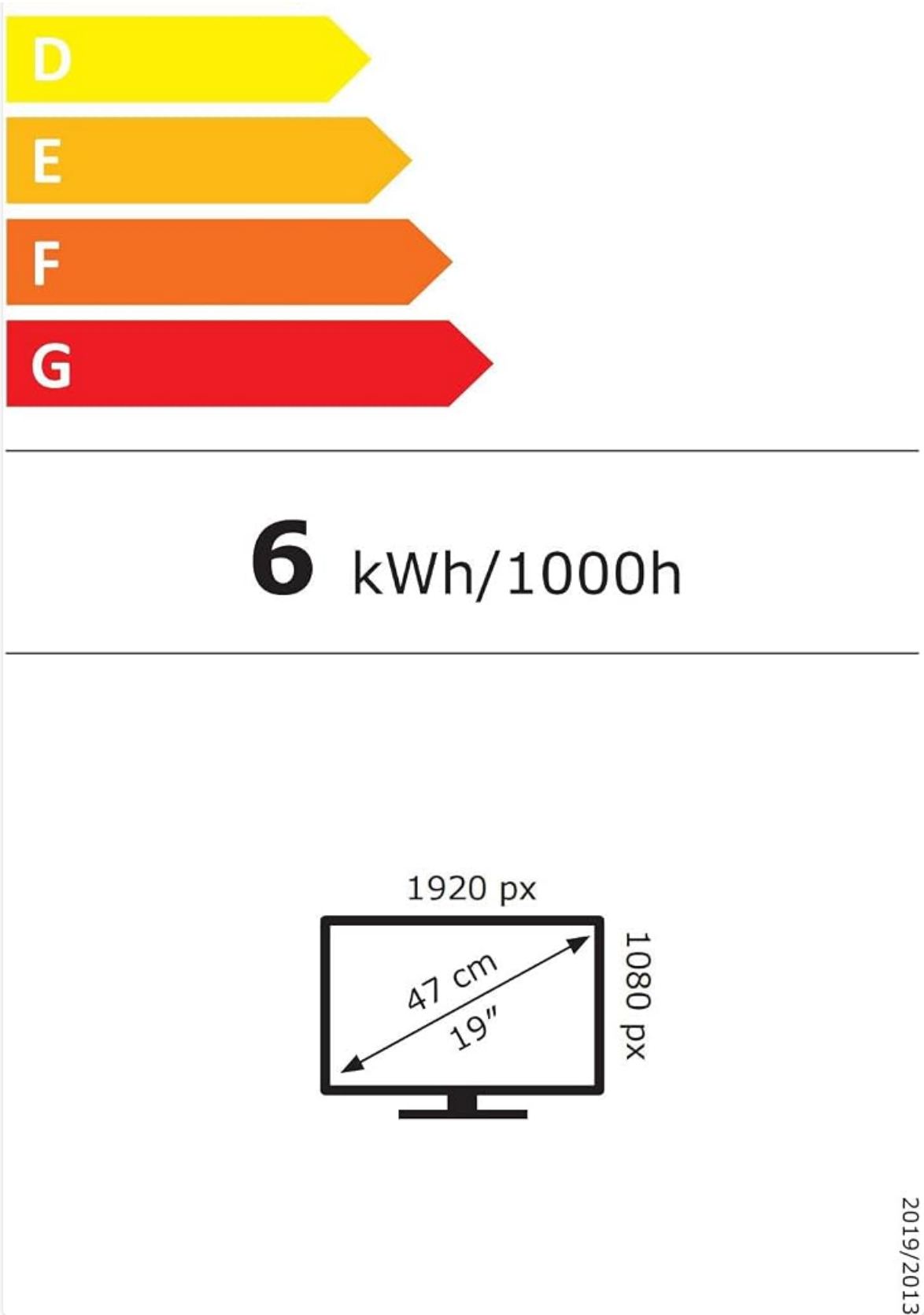



Image 4.4: Omni Visible™ Sunlight Readability. This image illustrates the monitor's enhanced visibility in bright light conditions, showcasing a vertical monitor display next to a standard monitor.

Scheda informativa sul prodotto			
REGOLAMENTO DELEGATO (UE) 2019/2013 DELLA COMMISSIONE per quanto riguarda l'etichettatura energetica degli display elettronici			
	Parametro	Parametro o valore e precisione	Unità
1.	Nome o marchio del fornitore.	UPERFECT	
		eVatmaster Consulting	

	Indirizzo del fornitore.	GmbH, Bettinastr. 30 60325 Frankfurt am Main, DE			
2.	Identificatore del modello	M185E01/M185F01/ M185K01/M185G01/ M185J01			
3.	Classe di efficienza energetica per gamma dinamica standard (SDR)	A			
4.	Richiesta di potenza in modalità On in SDR	6,0			W
5.	Classe di efficienza energetica per High Dynamic Range (HDR)	n.a.			
6.	Richiesta di potenza in modalità On in HDR, se implementata	n.a.			W
7.	Richiesta di potenza in modalità off, se applicabile	0,3			W
8.	Richiesta di energia in modalità standby, se applicabile	0,5			W
9.	Richiesta di energia in modalità standby in rete, se applicabile	n.a.			W
10.	Categoria display elettronico	Tenere sotto controllo			
11.	Rapporto dimensionale	16	:	9	
12.	Risoluzione dello schermo	1920	x	1080	pixel
13.	Diagonale dello schermo	47,0			cm
14.	Diagonale dello schermo	19			pollici
15.	Area dello schermo visibile	9,4			dm²
16.	Tecnologia del pannello utilizzata	LCD			
17.	Disponibile il controllo automatico della luminosità (ABC)	NO			
18.	Disponibile sensore di riconoscimento vocale	NO			
19.	Disponibile sensore di presenza ambiente	NO			
20.	Frequenza di aggiornamento dell'immagine (predefinita)	60			Hz
21.	Disponibilità minima garantita degli aggiornamenti software e firmware (dalla data di fine immissione sul mercato)	-			Anni
22.	Disponibilità minima garantita dei pezzi di ricambio (dalla data di fine immissione sul mercato)	-			Anni
23.	Assistenza minima garantita sul prodotto	-			Anni
	Durata minima della garanzia generale offerta dal fornitore	-			Anni
24.	Tipo di alimentazione	Esterno			
25.	Alimentatore esterno (non standardizzato e incluso nella confezione del prodotto)				
	i	-			
	ii Tensione di ingresso	230			V
	iii Tensione di uscita	12,0			V
	Alimentatore esterno standardizzato (o idoneo se non incluso nella confezione del prodotto)				
	i	-			
26.					
	ii Tensione di uscita richiesta	-			V
	iii Corrente erogata richiesta (minima)	-			A
	iv Frequenza attuale richiesta	-			Hz

Image 4.5: 178° Wide Viewing Angle. This image demonstrates the monitor's wide viewing angles, showing three monitors displaying the same content from different perspectives.

etiketgeving van elektronische displays

	Parameter	Parameter of waarde en precisie			Eenheid
1.	Naam of handelsmerk van de leverancier	UPERFECT			
	Adres van de leverancier	eVatmaster Consulting GmbH, Bettinastr. 30 60325 Frankfurt am Main, DE			
2.	Model-ID	M185E01/M185F01/ M185K01/M185G01/ M185J01			
3.	Energie-efficiëntieklasse voor standaard dynamisch bereik (SDR)	A			
4.	Stroomverbruik in stand in SDR	6,0			W
5.	Energie-efficiëntieklasse voor hoog dynamisch bereik (HDR)	n.a.			
6.	Stroomverbruik in de Aan-modus in HDR, indien geïmplementeerd	n.a.			W
7.	Stroomverbruik in de uitgeschakelde modus, indien van toepassing	0,3			W
8.	Stroomverbruik in stand-bymodus, indien van toepassing	0,5			W
9.	Stroomverbruik via netwerk in stand-bymodus, indien van toepassing	n.a.			W
10.	Categorie elektronische weergave	Monitor			
11.	Grootte verhouding	16	:	9	
12.	Schermmresolutie	1920	x	1080	pixels
13.	Schermdiagonaal	47,0			cm
14.	Schermdiagonaal	19			inches
15.	Zichtbaar schermgebied	9,4			dm²
16.	Paneeltechnologie gebruikt	LCD			
17.	Automatische helderheidsregeling (ABC) beschikbaar	Nee			
18.	Spraakherkenningssensor beschikbaar	Nee			
19.	Ruimteaanwezigheidssensor beschikbaar	Nee			
20.	Frequentie van beeldvernieuwing (standaard)	60			Hz
21.	Minimale gegarandeerde beschikbaarheid van software- en firmware-updates (vanaf de datum van einde van het op de markt brengen)	-			Jaren
22.	Minimale gegarandeerde beschikbaarheid van reserveonderdelen (vanaf de datum van einde van het op de markt brengen)	-			Jaren
23.	Minimale gegarandeerde productondersteuning	-			Jaren
	Minimale duur van de algemene garantie aangeboden door de leverancier	-			Jaren
24.	Type voeding	Extern			
25.	Externe voeding (niet gestandaardiseerd en meegeleverd in de productdoos)				
	i	-			
	ii Ingangsspanning	230			V
	iii Uitgangsspanning	12,0			V
	Externe gestandaardiseerde voeding (of een geschikte voeding als deze niet in de productdoos is meegeleverd)				
	i	-			

26.	ii Vereiste uitgangsspanning	-	V
	iii Benodigde geleverde stroom (minimaal)	-	A
	iv Vereiste stroomfrequentie	-	Hz

Image 4.6: Performance Features. This image highlights key performance specifications such as 120Hz refresh rate, 145% sRGB, HDR, 1ms MPRT, FreeSync, 8-bit color, 600 Lux brightness, and 2000:1 contrast ratio.

5. SETUP

5.1 Connecting to a Device

The monitor supports both USB-C and Mini HDMI connections for video input and power.

- **USB-C Connection:** For devices with a full-featured USB-C port (supporting DisplayPort Alternate Mode and power delivery), connect the monitor using the provided USB-C to USB-C cable. This single cable can transmit video, audio, and power.
- **Mini HDMI Connection:** For devices with an HDMI output, use the provided Mini HDMI to HDMI cable for video and audio. In this setup, the monitor will require external power via the USB-C power port using the USB-A to USB-C power cable and power adapter.

5.2 Powering On

After connecting the monitor to your device and ensuring power is supplied (either via USB-C or external power adapter), the monitor should automatically detect the input and power on. If not, press the power button located on the side of the monitor.

5.3 VESA Mounting

The monitor features VESA 75x75mm mounting holes, allowing it to be attached to compatible monitor arms or wall mounts. Ensure the mount can support the weight of the monitor and follow the mount manufacturer's instructions for installation.



Monitor Case

16.65x9.84x0.71 inches

Versatile Viewing

The bracket supports 180° opening up.



3-Sided Narrow Border

0.23" Narrow border



VESA Mountable

75x75mm design can be used for bracket installation and wall mounting.



2.79lbs
0.3inch



Image 5.1: VESA Mounting Option. This image shows the rear of the monitor, highlighting the 75x75mm VESA mounting holes for bracket installation.

6. OPERATING THE MONITOR

6.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Typically, buttons on the side or back of the monitor are used to navigate the menu. Refer to the physical buttons on your monitor for specific controls (e.g., Menu, Up, Down, Exit/Enter).

6.2 Input Source Selection

The monitor can automatically detect the active input source. If it does not, or if you wish to switch between connected devices, access the OSD menu and select the desired input source (e.g., USB-C, HDMI).

6.3 Display Settings

Within the OSD menu, you can adjust settings such as:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Aspect Ratio:** Choose between 16:9, 4:3, or other available options.
- **Refresh Rate:** Confirm or set the desired refresh rate (up to 120Hz).
- **HDR Mode:** Enable or disable High Dynamic Range for compatible content.
- **Low Blue Light:** Adjust settings to reduce blue light emission for eye comfort.

7. MAINTENANCE

7.1 Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution. Never spray liquid directly onto the screen.

7.2 General Care

- Avoid touching the screen with sharp objects.
- When transporting the monitor, use the provided protective case to prevent scratches and damage.
- Store the monitor in a cool, dry place when not in use.

8. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:

- **No Signal / Black Screen:**
 - Ensure all cables (USB-C, HDMI, power) are securely connected.
 - Verify the input source selected in the OSD menu matches your connection.
 - If using HDMI, ensure the monitor is receiving adequate power from the external adapter.
 - Try disconnecting and reconnecting the video cable.
 - Test with a different cable or device if possible.
- **Flickering or Unstable Image:**
 - Check cable connections.
 - Ensure the refresh rate setting on your device and monitor are compatible.
 - Reduce the display resolution if the issue persists.
- **Automatic Source Connection Issues:**
 - Some devices may require manual input selection via the OSD menu.
 - If using USB-C, ensure your device's USB-C port supports DisplayPort Alternate Mode and power delivery.
 - Try disconnecting and reconnecting the USB-C cable if the monitor fails to detect the signal automatically.
- **No Sound:**
 - Check the volume settings on both the monitor and your connected device.
 - Ensure the audio output on your device is set to the monitor.

9. SPECIFICATIONS

Feature	Specification
Brand	UPERFECT
Model	B0G143NVPX
Screen Size	18.5 inches
Resolution	FHD 1920 x 1080p
Aspect Ratio	16:9
Screen Surface	Matte
Refresh Rate	120 hertz
Display Type	LCD
Item Dimensions (D x W x H)	9.45"D x 15.35"W x 0.39"H
Connectivity Technology	HDMI, USB Type C
Hardware Connectivity	Mini HDMI, USB Type C
Additional Features	Anti Glare Screen, Portable, VESA Compatible

9.1 Energy Information

For detailed energy consumption data and product information sheet, please refer to the EPREL database.



Image 9.1: EU Energy Label. This label indicates the energy efficiency class and power consumption of the UPERFECT monitor.
(Note: The image URL provided for the energy label is identical to the main product image URL in the source data.)

EPREL Database Link: <https://eprel.ec.europa.eu/qr/1524708>

10. WARRANTY AND SUPPORT

UPERFECT products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official UPERFECT website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact UPERFECT customer service. You can typically find contact information on the UPERFECT website or through your purchase platform.

Supplier Address: evamaster Consulting GmbH, Bettinastr. 30, 60325 Frankfurt am Main, DE

