

USER MANUAL

ENGLISH

PORTABLE DUAL MONITOR



MISURA



monitor 10.1" **3M101B**

compatible with
laptops 12" – 13"
(with a minimum height
of 178 mm for the laptop's
own screen)

monitor 12" **3M1200S**

compatible with
13.3" – 16.1" laptops
(with a minimum height
of 210 mm for the
laptop's own screen)

monitor 13.3" **3M1303D**

compatible with
laptops 14" – 17"
(with a minimum height
of 218 mm for the
laptop's own screen)

monitor 14" **3M1400S**

compatible with
15" – 18" laptops
(with a minimum height
of 230 mm for the
laptop's own screen)

monitor 15" **3M1500S**

compatible with
15.5" – 18" laptops
(with a minimum height
of 235 mm for the
laptop's own screen)

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The warranty for the product or service becomes void if: (1) the product is repaired, modified or altered without the written permission of MISURA or (2) the serial number of the product is illegible or missing.

The technical data and information in this manual are provided for information only, are subject to change at any time without notice, and should not be construed as a commitment by MISURA.

MISURA is not responsible for any errors or inaccuracies that may appear in this manual, including the products and software described in this manual.

SAFETY INFORMATION

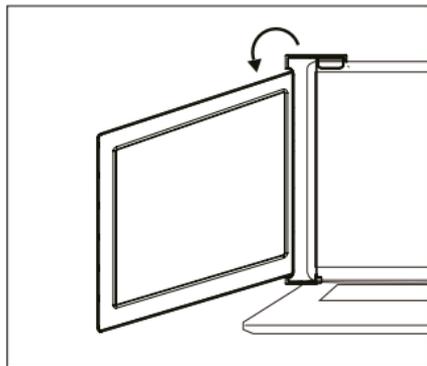
- Read all supplied documentation carefully before preparing this portable USB-C monitor for use.
- To reduce the risk of fire or electric shock, do not expose this portable USB-C monitor to rain or moisture.
- Do not attempt to disassemble the cover of this portable USB-C monitor.
- Before using this portable USB-C monitor, make sure that all cables are connected properly.
- Avoid extremely dusty environments, changes in temperature and humidity. Do not place the portable USB-C monitor in areas where there is a risk of moisture/splashing.
- Do not allow objects or liquids to enter the holes / cutouts on the cover of the portable USB-C monitor.
- In the event of technical problems with the portable USB-C monitor, contact a qualified service technician or dealer.
- Do not dispose of this product in a fire.
- Do not use this monitor near heating devices or in places subject to high temperatures.
- Keep this monitor away from sharp objects.

NOTICE

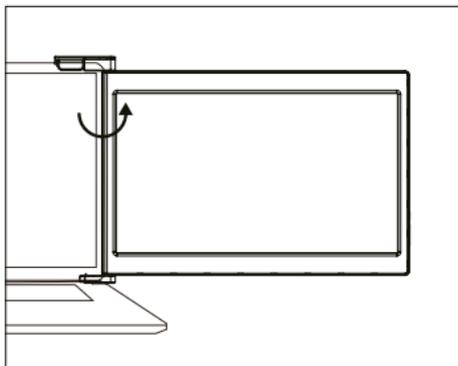
Please handle dual screen with care and do not press the screens to avoid damage.
Do not exceed its maximum turning angle showing as below:

TURNING ANGLE OF SCREENS:

Left screen (0° – 235°)



Right screen (0° – 180°)



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OVERVIEW OF COMPONENTS

1



2× USB-C to USB-C
(90-degree) Cables



VIDEO & POWER



2× Mini HDMI
to HDMI Cables



VIDEO ONLY



2× USB-C
to USB-A Cables



POWER ONLY

1× Hook and loop
(for fasten
the cables)

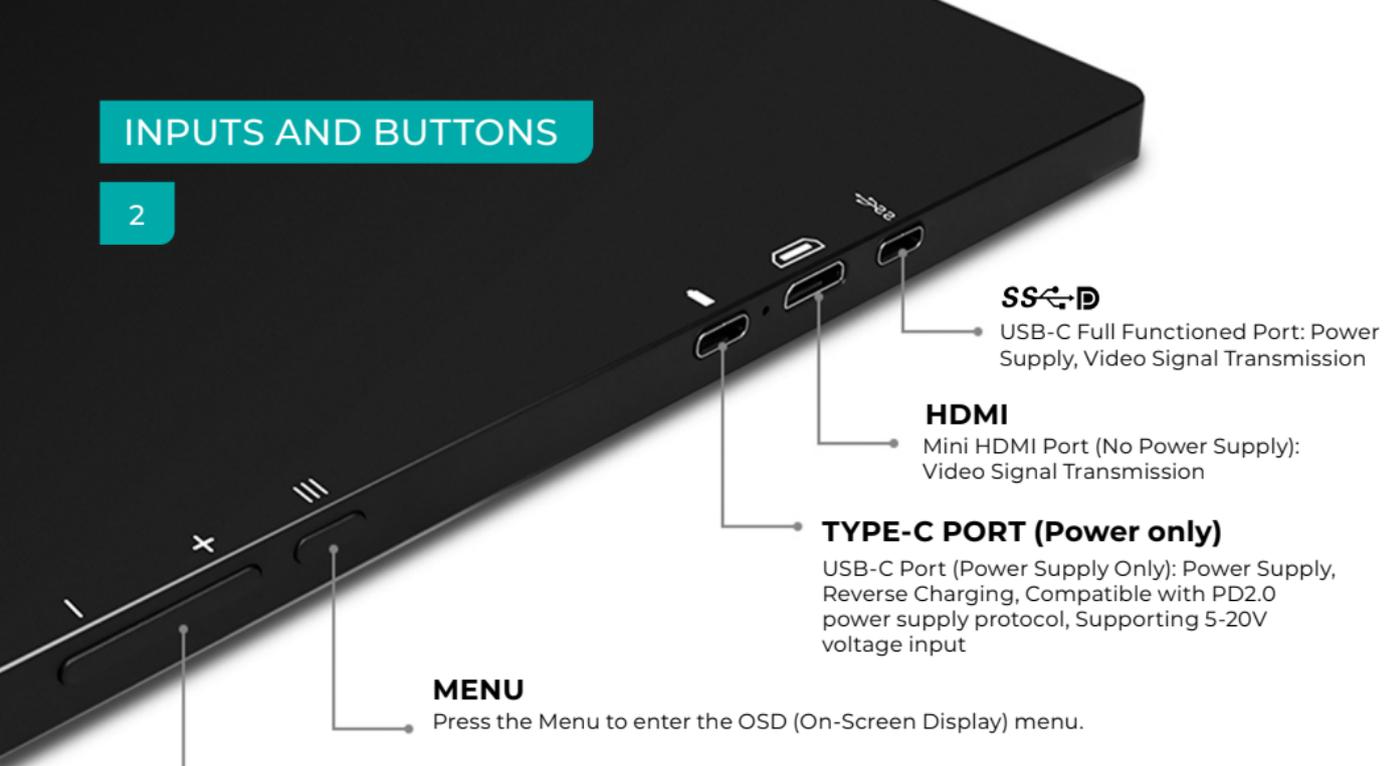


6× Protective caps



INPUTS AND BUTTONS

2



SSD

USB-C Full Functioned Port: Power Supply, Video Signal Transmission

HDMI

Mini HDMI Port (No Power Supply): Video Signal Transmission

TYPE-C PORT (Power only)

USB-C Port (Power Supply Only): Power Supply, Reverse Charging, Compatible with PD2.0 power supply protocol, Supporting 5-20V voltage input

MENU

Press the Menu to enter the OSD (On-Screen Display) menu.

BRIGHTNESS +/-

Increase the brightness;

Enter the Menu, and press it to turn to the next selection; Increase the value.

Decrease the brightness;

Return to the previous page; Decrease the value.

CABLE SELECTION

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To determine which cables you will need, first identify the ports on your laptop using the images on the right, or refer to the laptop's user guide.

If your laptop has two Thunderbolt3 / USB-C with DisplayPorts, the simplest way to use MISURA monitors is with the two USB-C to USB-C cables provided.

If your laptop has no Thunderbolt3 / USB-C with DisplayPorts you will need to use one USB-A to USB-C cable and one HDMI to Mini-HDMI cable for each screen.

If your laptop does not have an HDMI port, you can use any of the other video outputs shown on the right with a simple HDMI adapter.

* Some laptops have USB-C ports that do not support DisplayPort via USB-C. Read the laptop user guide.



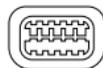
HDMI



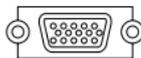
DisplayPort



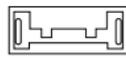
Mini-DisplayPort



Mini-DVI



VGA



**USB 3.0
(with HDMI adapter)**



USB-A

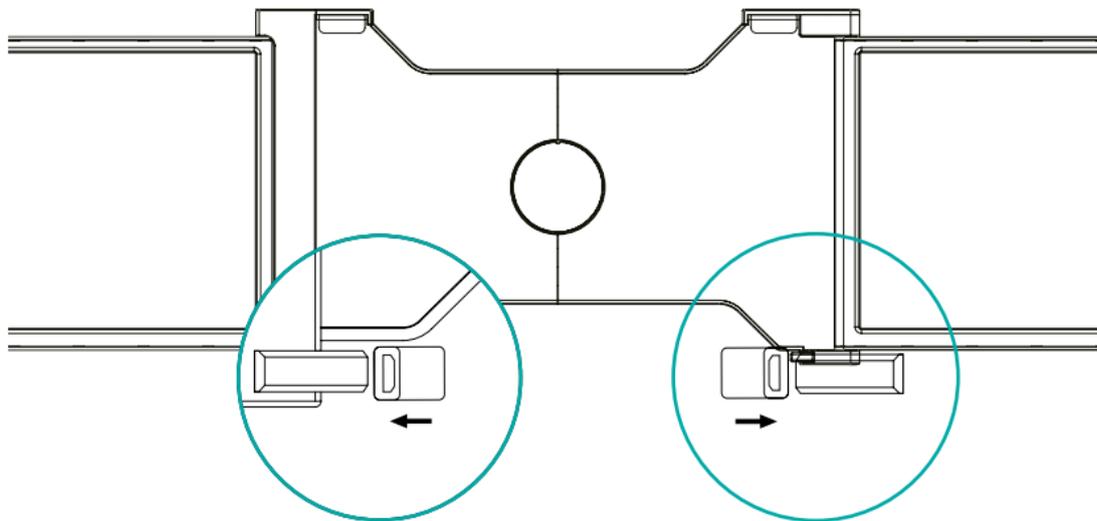


**Thunderbolt 3 /
USB-C with Display
Portadapter)**

PROTECTIVE CAP

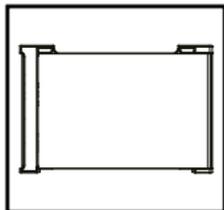
4

Using the protective cap if your laptop is an ultra-thin style (laptop screen thickness $\leq 6\text{mm}$), it helps to reduce the shaking.

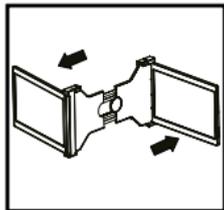


ASSEMBLY

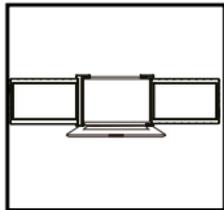
5



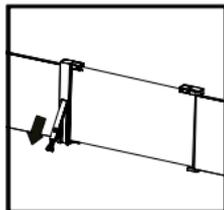
- 1.** Take the dual monitor out of the box.



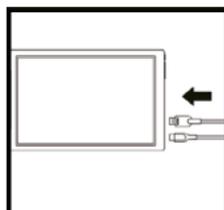
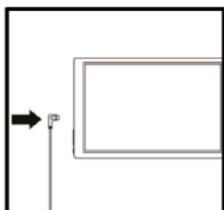
- 2.** Open the two screens in the directions described in the figure.



- 3.** Place the holder over the back of the screen and clamp it well to cover the edges and fits on the laptop screen.



- 4.** Lift the stand and pull the end of the stand to extend the stand. Press and hold the button to retract the stand.



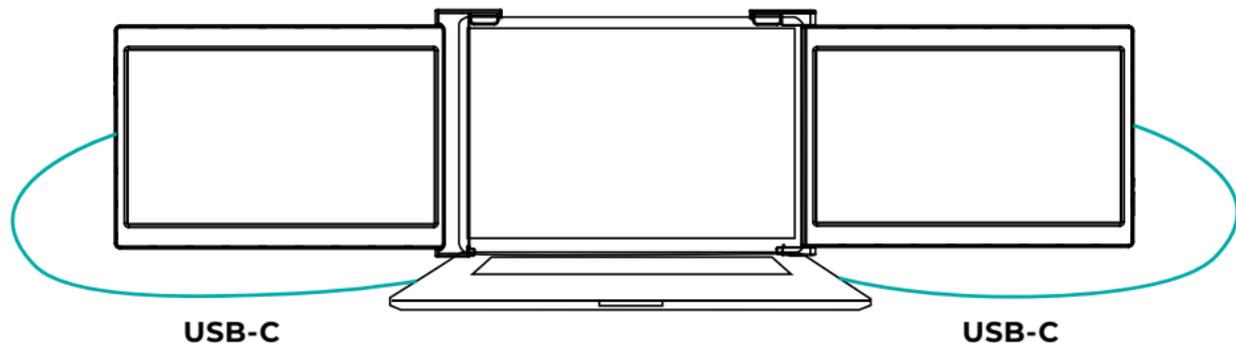
- 5.** Use the necessary cables to connect the screens to the laptop. See „Inputs and Buttons“ on page 2.

CONNECTION METHODS

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1. Two USB-C or Thunderbolt 3/4 Ports

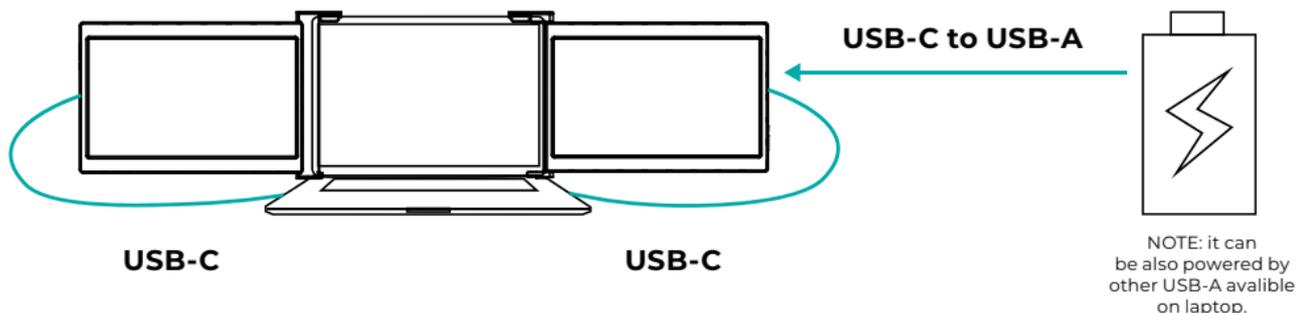
If there are 2 full-functioned Type-C or 2 Thunderbolt 3/4 ports on the laptop, use two included Type-C cables to connect the laptop to the MISURA monitors.



Notes:

Use the protective cap if your laptop is an ultra-thin style (laptop screen thickness $\leq 6\text{mm}$). It helps to reduce the shaking.

Some USB-C ports may not be able to transmit currents above 5V/2A, please connect an external power supply to better use the monitor.



Notes:

- 1 | Make sure the USB-C of your laptop is a Full-functioned USB-C port (support both video & data transmission).
- 2 | Make sure 5V/2A or above power can be supported through USB-C port. An external power supply of 5V/2A or above is needed for normal use (adjust brightness above 50).

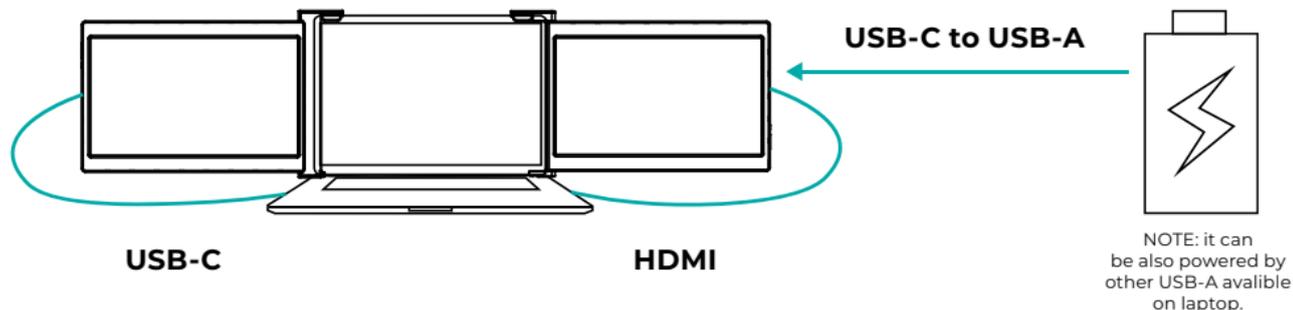
CONNECTION METHODS

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2. One Full Functioned Type-C and HDMI Port Connection

If there's one full functioned Type-C port and one HDMI port on the laptop:

- 1 | Use the included full functioned Type-C cable to connect one side of the monitor and the laptop.
- 2 | Meanwhile, use the HDMI cable and an extra power supply (USB-C to USB-A cord) to connect the other side of the monitor and the laptop.



Notes:

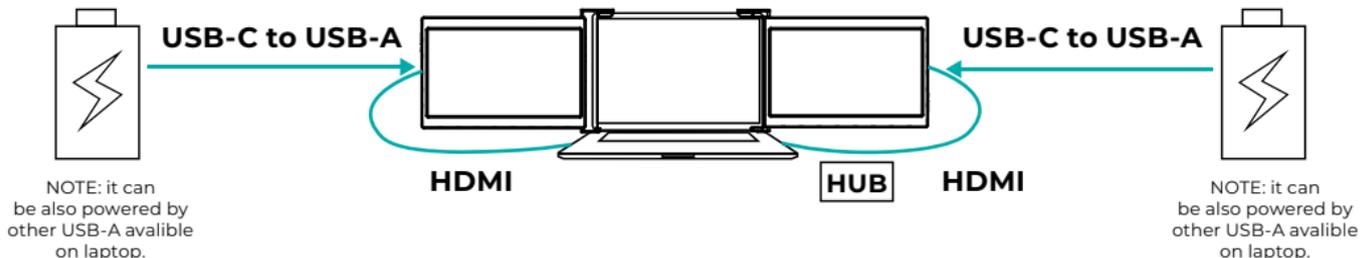
The HDMI port does not provide power, so the monitor must be plugged into the power supply (5V/2A or above).

3. Other Connection Type (Extra Adapter Needed)

If you lack enough HDMI port for connection:

- 1 | Find a suitable HDMI hub for your laptop.
- 2 | First: Connect one side of your monitor to laptop with a HDMI and a USB-C to USB-A cord.
Second: Connect the HDMI hub to your laptop.

Finally, connect the other side of your monitor with another HDMI and USB-C to USB-A cord



Notes:

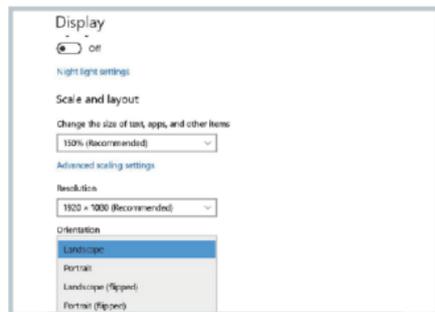
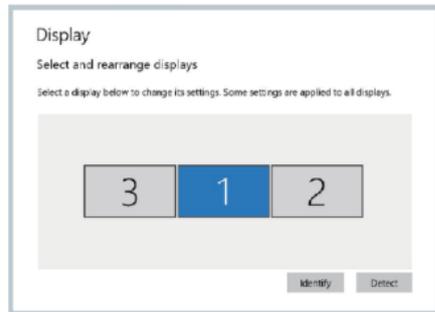
The HDMI port does not provide power, so the monitor must be plugged into the power supply (5V/2A or above).

DISPLAY CONFIGURATION – PC / WINDOWS

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1. Go to Display Settings
(Start >  > Settings  > System > Display
2. Click and drag screens to configuration shown
3. If you need to set different display modes for multiple screens, please click 1/2/3 (click the „Identify“ button down the screen to find the corresponding screen) and select the one, then enter into the „Multiple displays“ menu to set
4. If any of the screens are upside down, click on the screen in the display menu. Then click on the “Orientation” dropdown menu and select “Landscape (flipped)”
5. To increase the zoom, click the “Change the size of text, apps, and other items” dropdown and select “150 %”

* Keeping three displays sync can be configured in setting of graphic card.
If there is any issue please consult local distributor.



Resolution recommended for 10.1": 1920 × 1200

DISPLAY CONFIGURATION – MAC

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1. Open „System Preferences“ 
2. Select “Displays” from the menu
3. Click “Display Settings” from display menu (Fig. 1)
4. Click monitor name to set Mirror or Extended display (Fig. 2)
5. Click any display screen in the interface shown in Fig. 3 to adjust the screen position.
6. To increase the zoom, click the “Scaled” radio button.

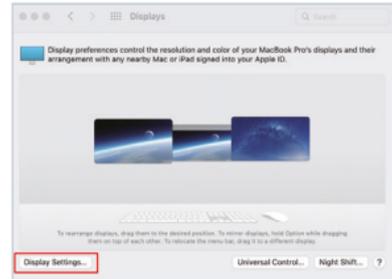


Fig. 1

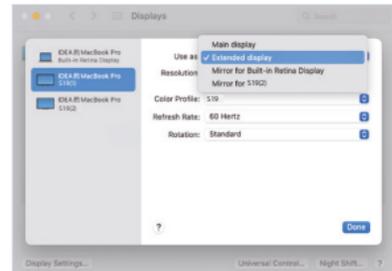


Fig. 2

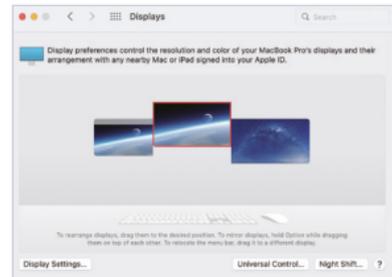


Fig. 3

INTRODUCTION TO OSD FUNCTIONS

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1. Press the „≡„ Menu button to activate the OSD menu
2. Press the „+„ button to select your setting
3. Press the Menu „≡„ button to confirm
4. Press the „-„ button to return to the previous page



OSD SETTINGS

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BRIGHTNESS

BRIGHTNESS The setting range is from 0 to 100

CONTRAST The setting range is from 0 to 100

BLACK LEVEL The setting range is from 0 to 100

SHARPNESS The setting range is from 0 to 100



IMAGE

ECO: Default display settings for various modes (Standard / Game / Movie / Text / FPS / RTS modes)

DCR: Select ON or OFF to enable or disable the dynamic contrast ratio feature

ASPECT: Adjusts the aspect ratio to 4:3 / 16: 9 / WIDE

OSD SETTINGS

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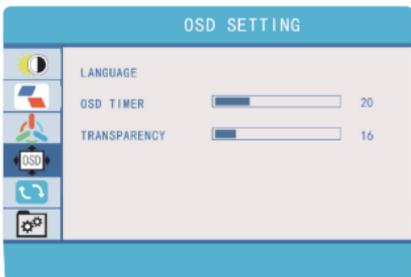
COLOR TEMPERATURE

COLOR TEMP Allows you to adjust each individual RGB color or select a default Warm or Cool level

RED The setting range is from 0 to 100

GREEN The setting range is from 0 to 100

BLUE The setting range is from 0 to 100



OSD SETTINGS

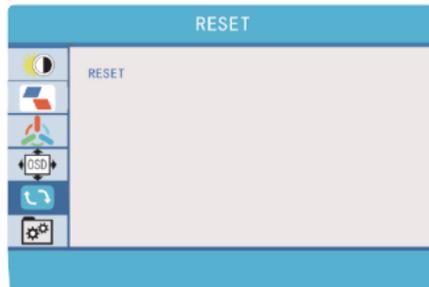
LANGUAGE Select the OSD language. *You can choose from:* English, French, German, Simplified Chinese, Italian, Spanish, Portuguese, Turkish, Polish, Dutch, Japanese, Korean

OSD TIMER Sets the time limit for the monitor setting menu (10–60 seconds)

TRANSPARENCY Adjusts the transparency of the monitor settings menu

OSD SETTINGS

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RESET

RESET

Selects RESET to return all settings to the factory default mode



MISC.

SIGNAL SOURCE

It contains two signal sources, USB-C and HDMI

LOW BLUE LIGHT

Reduces the blue light content on the display

HDR MODE

Enables HDR (High Dynamic Range) when connected to a compatible device. Contains three modes (off / auto / 2084)

TECHNICAL SPECIFICATIONS

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Screen size	10.1 inch	12 inch	13.3 inch	14 inch	15 inch
Adaptive for laptop panel	Length (left to right) 225 – 328mm Breadth (top to bottom) > 178mm	Length (left to right) 255 – 372mm Breadth (top to bottom) > 210mm	Length (left to right) 308 – 427mm Breadth (top to bottom) > 218mm	Length (left to right) 305 – 425mm Breadth (top to bottom) > 230mm	Length (left to right) 325 – 450mm Breadth (top to bottom) > 235mm
	Thickness < 7mm	Thickness < 7mm	Thickness < 8.2mm	Thickness < 8mm	Thickness < 8mm
Resolution	1920×1200	1920×1080			
Panel Type	IPS				
Contrast	1000:1				
Power Normal/ Standby	≤8W / ≤0.5W				
Brightness	350 cd/m ²	230 cd/m ²	230 cd/m ²	250 cd/m ²	250 cd/m ²
View angle	H:85°, V:85° (CR>10)				
Pitch	0.1128mm(H) × 0.1128mm (V)	45.7um(H)×137.1um(V)	0.1529mm(H) × 0.1529mm (V)	0.1335mm(H) × 0.1335mm (V)	0.1529mm(H) × 0.1529mm (V)
Aspect ratio	16:10	16:09			
Backlight type	W-LED				
Power	5V 2A (Per screen)				
HDR	HDR 10				
Mini HDMI	1920×1200@60HZ	1920×1080@60HZ			
Type-C 3.1/ Thunderbolt 3/4	1920×1200@60HZ	1920×1080@60HZ			
Type-C	Only for power			1920×1080@60HZ	Only for power
Language	English, French, German, Simplified Chinese, Italian, Spanish, Portuguese, Turkish, Polish, Nederlands, Japanese, Korean				
Dimension	286×2182×25mm	318×215×25 mm	373×219×25.3 mm	371×231×25.3 mm	395×245×25.3 mm
Tri-screen weight	837 g	1.17 kg	1.39 kg	1.42 kg	1.63 kg

CLEANING AND MAINTENANCE

- Turn off the monitor and unplug the cable before cleaning. Clean the surface of the monitor with a smooth cloth that does not release fibres. Resistant stains can be removed with a cloth dampened with a mild detergent designed for cleaning monitors. Do not use a detergent containing alcohol or acetone. Use only a detergent designed for LCD monitors. Do not spray detergent directly on the surface of the display, as it may enter the monitor and cause an electric shock.

THE FOLLOWING SYMPTOMS ARE NORMAL, NOT A DEFECT

- Depending on the desktop background, the brightness of different parts of the screen may differ slightly.
- If you display the same image for several hours, it may „burn“ into the screen and persist. The display will gradually but slowly „recover“ or turn it off for a few hours.

IF THE DISPLAY IS BLACK, FLASHING, OR NOT WORKING AT ALL, CONTACT THE SERVICE OR DEALER FOR REQUEST FOR SERVICING. DO NOT ATTEMPT TO SERVICE IT YOURSELF!

Declaration of conformity according to the EMC Directive 2014/30 / EC on the harmonization of legal regulations of Member States related to electromagnetic compatibility.

Manufacturer / importer:

MISURA Store s.r.o.
K Pošte 429/2
252 67 Tuchoverice

Person responsible for completing the technical documentation:

Ing. Jirí Mihel – executive director of the company

Description and identification of machinery:

Title: portable USB monitor
Type: 3M101B, 3M1200S, 3M1303D, 3M1400S, 3M1500S

The device described above has been tested in accordance with the above standards and found to comply with the EMC 2014/30/ES. The observations and test results given in this certificate are only relevant for the test sample.

The product complies with the following European Community regulations:

Directive EN 55032: 2015 of the European Parliament and of the Council
- Electromagnetic compatibility of multimedia equipment – Emission requirements.
Directive EN 55035: 2017 of the European Parliament and of the Council
- Electromagnetic compatibility of multimedia devices – Immunity requirements.

HARMONIZED STANDARDS USED:

IEC 62321-3-1:2013, IEC 62321-5:2013, IEC 62321-4:2013+AMD1:2017,
IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-6:2015, IEC 62321-8:2017



