

user's manual
instrukcja obsługi



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NVM-217LCD
NVM-219LCD

NOVUS[®]

user's manual



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1. Important Safeguards and warnings:**SAFETY PRECAUTIONS:**

1. Operate this unit only from the type of power source indicated on the label.
2. Do not block or cover ventilation openings on the back or bottom of the monitor cabinet.
3. Do not place this monitor near a radiator or heating vent.
4. Do not push objects of any kind through cabinet openings. This may result in fire or electrical shock.
5. Before adding attachments always ask a service technician to perform routine safety tests to determine that equipment is on safe operating condition. Ground potential tests should be part of the routine safety check made by the service technician.
6. Do not place monitor on an unstable cart, stand, or shelf where it may fall and injure personnel or damage equipment.
7. Route power cords so that they cannot be walked upon or tripped over. Do not allow anything to rest on the power cord.
8. Do not install monitor in wet areas, or where it may be exposed to rain or water. Do not spill liquid of any kind on the unit.
9. Unplug the power cord from the unit before cleaning the display. Use only a damp cloth. Do not use alcohol, spirits, or ammonia to clean the display.
10. Refer all servicing to qualified service personnel.
REMOVAL OF BACK COVER BY UNAUTHORIZED PERSONNEL MAY EXPOSE THE USER TO DANGEROUS VOLTAGES OR OTHER HAZARDS.
11. Unplug the unit immediately and notify the service technician:
 - If liquid has been spilled into the display or the display has been exposed to rain or water.
 - If the unit has been dropped or the cabinet damaged.
 - If fuses continue to blow.
 - If the power cord is damaged or frayed.
 - If a distinct change from normal operation is apparent.

When replacement parts are required, be sure that the service technician uses components specified by the manufacturer which have the same characteristics as the original parts.

UNAUTHORIZED SUBSTITUTIONS MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER HAZARDS.

Upon completion of any service or repairs, ask the technician to perform safety checks to determine that the equipment is in safe operating condition.

WARNING

**SERIOUS SHOCK HAZARDS EXIST WITHIN THE COVERS OF THIS MONITOR.
DO NOT OPEN THE COVERS UNDER ANY CIRCUMSTANCES,
THERE ARE NO USER SERVICEABLE COMPONENTS INSIDE.**

Notice: Data included in the following user's manual is up to date at the time of printing. Novus Security Sp z o.o. holds exclusive rights to modify this manual. The producer reserves the rights for device specification modification and change in the design without prior notice.

WARNINGS

EMC (89/336/EEC) and LVD (73/23/EEC) Directives

CE Marking

Our products are manufactured to comply with requirements of following directives and national regulations implementing the directives:



Electromagnetic compatibility EMC 89/336/EEC with further amendments.

Low voltage LVD 73/23/EEC with further amendment. The Directive applies to electrical equipment designed for use with a voltage rating of between 50VAC and 1000VAC as well as 75VDC and 1500VDC.

WEEE Directive 2002/96/EC

Information on Disposal for Users of Waste Electrical and Electronic Equipment



This appliance is marked according to the European Directive on Waste Electrical and Electronic Equipment (2002/96/EC) and further amendments. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. It shall be handed over to the applicable collection point for the waste electrical and electronic equipment for recycling purpose.

For more information about recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

RoHS Directive 2002/95/EC



Concerning for human health protection and friendly environment, we assure that our products falling under RoHS Directive regulations, regarding the restriction of the use of hazardous substances in electrical and electronic equipment, were designed and manufactured in compliance with mentioned regulation. Simultaneously, we claim that our products were tested and do not contain hazardous substances exceeding limits which could have negative impact on human health or natural environment.

Information

Any changes or modifications not expressly approved by the Manufacturer can void the user's authority to operate the equipment.

The device, as a part of professional CCTV system used for surveillance and control, is not designed for self installation in households by individuals without technical knowledge.

The manufacturer is not responsible for defects and damages resulted from improper or inconsistent with user's manual installation of the device in the system.

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SPECIFICATION

2. Specifications:

- High resolution TFT color monitor.
- Diameter 17", 19".
- Multilanguage OSD.
- Video connectors: S-Video, CVBS.
- Automatic detection of signal format (NTSC / PAL).
- Audio input.
- Two internal speakers.
- 100~240 V AC Power Supply.

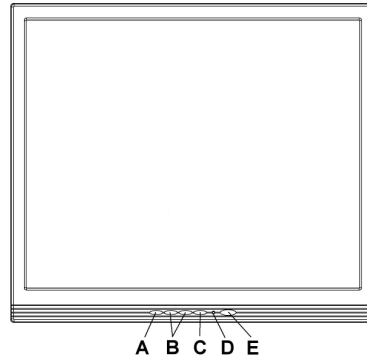
Model		NVM-217LCD	NVM-219LCD
Panel type		17" TFT color LCD panel	17" TFT color LCD panel
Resolution		500 TVL	500 TVL
Diagonal size		431 (mm)	480 (mm)
Viewable size		337.9 x 270.3 (mm)	376.3 x 301.6 (mm)
Dot pitch		0.264 x 0.264 (mm)	0.294 x 0.294 (mm)
Viewing angle		70°/70°/65°/65°	70°/70°/75°/60°
Kontrast ratio		500:1	550:1
Brightness		300 cd/m ²	270 cd/m ²
Display color		16.2 mln	16.2 mln
Response time		12 ms	8 ms
Connectors	Video input	1 BNC for CVBS input	1 BNC for CVBS input
		1 mini-din 4pin S-Video	1 mini-din 4pin S-Video
Audio	Audio input	wejście mono 1Vp-p/1kHz	wejście mono 1Vp-p/1kHz
	Speaker	2 x 1.0 W	2 x 1.0 W
Set-up		Multilanguage	
TV System		automatic detection PAL/NTSC	
Power supply		100-240VAC	
Power consumption		29 W	38 W
Casing		black plastic	
Dimensions (mm)		374 (wys) x 372 (szer) x 190 (gł)	420 (wys) x 431.5 (szer) x 190 (gł)
Weight		3.8 kg	5.0 kg

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FRONT PANELS AND CONNECTORS

3. Front panel and connectors

Front panel:



A) Select input / exit button

Press the button A to display the input signal which are selected on the screen.

Press the button A to exit OSD menu.

B) UP(+), DOWN(-) buttons

Press UP(+) / DOWN(-) buttons to move the cursor to wanted parameter to be set up in OSD main menu.

Press UP (+)/ DOWN(-) buttons to adjust the value of selected parameter in sub OSD menu.

C) MENU button

Press the MENU button to show the main OSD menu.

As a confirmation key during the OSD operation.

D) Power LED identification

- Green - power on
- Black - power off
- Orange - stand by
- Flash orange - sleep mode
-

E) POWER button

Press the button to turn on or turn off the monitor.

F) KEY-LOCK function

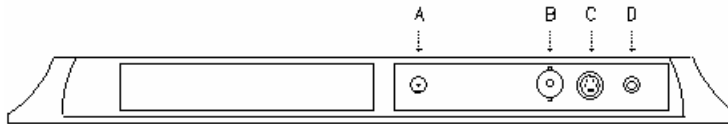
Key lock- Push A+C+E button for10sec .Then the OSD Show “Key Locked”

Key unlocked- Push A+C+E button for 10sec .Then the OSD Show “Key Unlocked”

FRONT PANELS AND CONNECTORS

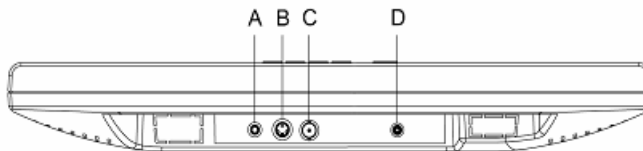
Connectors

NVM-217LCD”



- A) DC 12V input
- B) CVBS input
- C) S-VIDEO input
- D) AUDIO input

NVM-219LCD



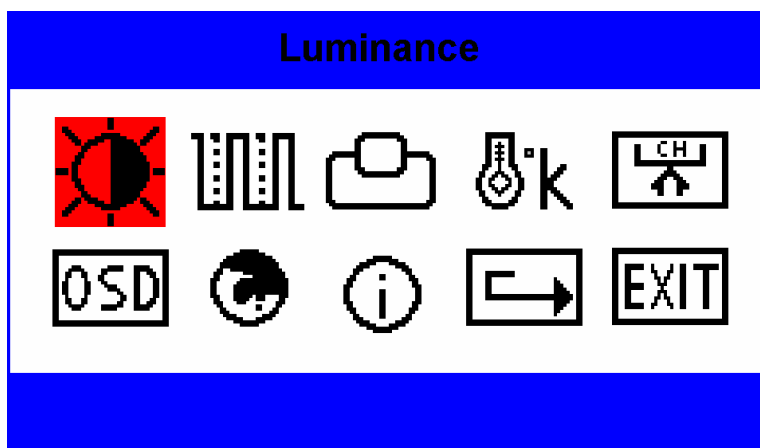
- A) AUDIO input
- B) S-VIDEO input
- C) BNC input
- D) DC 12V input

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ON SCREEN DISPLAY

4. On screen display

Press Up(+), Down(-) buttons to select an icon, Press MENU button to change the values in the sub menu, then press A button to exit OSD menu.



Luminance: Adjust the contrast & brightness value.



Image Setup: Not available.



Image position: Not available.



Color Temp: Set the Tint Saturation and Sharpness value.



Input Select: Input source select.



OSD Setup: Adjust the OSD window position and display time.



Language: Select the language to be used in OSD.[ENGLISH / FRENCH / ITALIAN / GERMAN / SPANISH]



Information: Monitor information.



Reset: Factory Recall.



EXIT : Exit OSD menu.

5. Notes

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