



LOREX[®]
VIEW YOUR WORLD™

23.6" TFT LED MONITOR

Instruction Manual

English Version 1.0



RETAIL



INDUSTRY



BUSINESS



HOME



OUTDOOR

www.lorextechnology.com

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VANTAGE

L24LE10B

Thank you for purchasing this Lorex product.

This manual refers to the following models:

- L24LE10B

To learn more about this product and to learn about our complete range of accessory products, please visit our website at:

www.lorextechnology.com



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER. NO USER SERVICABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products' enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF THE PLUG TO THE WIDE SLOT AND FULLY INSERT.

NEED HELP?

CONTACT US FIRST



DO NOT RETURN THIS PRODUCT TO THE STORE

Please make sure to register your product at www.lorextechnology.com to receive product updates and technical support.

2 Easy Ways to Contact Us



Online:

Product Support is available 24/7 including product information, user manuals, quick start up guides and FAQ's at **www.lorextechnology.com/support**

For all other matters, visit **www.lorextechnology.com**



By Phone:

North America:

Customer Service (for warranty matters): **1-888-425-6739** (1-888-42-LOREX)

Tech Support (for technical/installation issues): **1-877-755-6739** (1-877-75-LOREX)

Mexico: **001-800-514-6739**

International: **+800-425-6739-0** (Example: From the UK, dial 00 instead of +)



NECESITA AYUDA

COMUNÍQUESE PRIMERO CON NOSOTROS

NO DEVUELVA ESTE PRODUCTO A LA TIENDA

Cerciórese de por favor colocar su producto en www.lorexctv.com/registration para recibir actualizaciones y la información del producto

**2 maneras sencillas de comunicarse
con nosotros:**

En Línea:

Apoyo al producto disponible 24/7 incluyendo información del producto, manuales para el usuario, guías de inicio rápido y preguntas más frecuentes en

www.lorextechnology.com/support

Para todo lo demás, visite

www.lorextechnology.com

Por Teléfono:

Norte América:

Atención al cliente (en materia de garantía):

1-888-425-6739 (1-888-42-LOREX)

Soporte técnico (para asuntos técnicos/la instalación):

1-877-755-6739 (1-877-75-LOREX)

Mexico: **001-800-514-6739**

Internacional: **+800-425-6739-0**

(Ejemplo: Desde el Reino Unido, marque el 00 en lugar del +)

VOUS AVEZ BESOIN D'AIDE?

CONTACTEZ-NOUS D'ABORD

NE RETOURNEZ PAS CE PRODUIT AU MAGASIN

Veuillez veiller à enregistrer votre produit à www.lorexctv.com/registration pour recevoir des mises à jour et l'information de produit

2 façons faciles de nous contacter:

En Ligne:

Le support des produits est disponible 24 heures sur 24, 7 jours sur 7, y compris les informations sur les produits, les guides de l'utilisateur, les guides de démarrage rapide et les foires à questions

www.lorextechnology.com/support

Pour toutes les autres questions, visitez

www.lorextechnology.com

Par Téléphone:

L'Amérique du Nord:

Service à la clientèle (pour les questions de garantie):

1-888-425-6739 (1-888-42-LOREX)

Support technique (pour les questions techniques et l'installation):

1-877-755-6739 (1-877-75-LOREX)

Mexico: **001-800-514-6739**

International: **+800-425-6739-0**

(Exemple: À partir du Royaume-Uni, composez 00 au lieu de +)

BEFORE YOU START

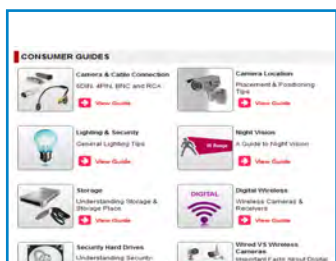
Please make sure to register your product at www.lorextechnology.com to receive product updates and technical support

THIS PRODUCT MAY REQUIRE PROFESSIONAL INSTALLATION

LOREX IS COMMITTED TO FULFILLING YOUR SECURITY NEEDS



- We have developed user friendly products and documentation. Please read the Quick Start Guide and User Manual before you install this product.



- Consumer Guides and Video Tutorials are available on our web site at www.lorextechnology.com/support



- If you require further installation assistance, please visit www.lorextechnology.com/installation or contact a professional installer.



- Please note that once the components of this product have been unsealed, you cannot return this product directly to the store without the original packaging.



AVANT DE COMMENCER

Veuillez veiller à enregistrer votre produit à www.lorexcctv.com/registration pour recevoir des mises à jour et l'information de produit et le support technique

CE PRODUIT POURRAIT EXIGER UNE INSTALLATION PROFESSIONNELLE

LOREX S'ENGAGE À SATISFAIRE VOS BESOINS SÉCURITAIRES

- Veuillez lire le guide de démarrage rapide et le mode d'emploi avant d'installer ce produit
- Les guides du consommateur et les séances de tutorat vidéo sont disponibles sur l'Internet en visitant www.lorextechnology.com/support
- Si vous avez besoin de l'aide pour l'installation, veuillez visiter www.lorextechnology.com/installation ou contactez un spécialiste en installation
- Veuillez constater qu'une fois que les composantes de ce produit ont été retirées de l'emballage, vous ne pourrez plus retourner ce produit directement au magasin

ANTES DE EMPEZAR

Cerciórese de por favor colocar su producto en www.lorexcctv.com/registration para recibir actualizaciones y la información del producto y soporte técnico

ESTE PRODUCTO PUEDE EXIGIR UNA INSTALACIÓN PROFESIONAL

LOREX SE COMPROMETE A SATISFACER SUS NECESIDADES EN SEGURIDAD

- Favor de leer la guía de instalación rápida y la guía del usuario antes de instalar este product.
- Puede conseguir las guías del consumidor y los cursos en enseñanza video sobre el Internet visitando www.lorexcctv.com/support
- Si necesita ayuda para la instalación, visite www.lorextechnology.com/installation o contacte un especialista en instalaciones
- Favor de notar que una vez que los componentes de este producto han sido removidos del embalaje, no podrá devolver este producto directamente a la tienda



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VOIR VOTRE MONDE^{MD}
VER SUMUNDO[™]

VANTAGE

Important Safeguards

In addition to the careful attention devoted to quality standards in the manufacture process of your product, safety is a major factor in the design of every instrument. However, safety is your responsibility too. This sheet lists important information that will help to ensure your enjoyment and proper use of the product and accessory equipment. Please read them carefully before operating and using your product.

General Precautions

1. All warnings and instructions in this manual should be followed.
2. Remove the plug from the outlet before cleaning. Do not use liquid aerosol detergents. Use a water-dampened cloth for cleaning.
3. Do not use this product in humid or wet places.
4. Keep this product away from magnetic objects, motors, and transformers.
5. Keep enough space around the product for ventilation. Slots and openings in the storage cabinet should not be blocked.
6. It is highly recommended to connect the product to a surge protector to protect from damage caused by electrical surges. It is also recommended to connect the product to an uninterruptible power supply (UPS), which has an internal battery that will keep the product running in the event of a power outage.

Installation

1. **Read and Follow Instructions** - All the safety and operating instructions should be read before the product is operated. Follow all operating instructions.

2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.

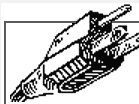
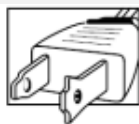
3. **Heed Warnings** - Comply with all warnings on the product and in the operating instructions.

4. **Polarization** - Do not defeat the safety purpose of the polarized or grounding-type plug.

A polarized plug has two blades with one wider than the other.

A grounding type plug has two blades and a third grounding prong.

The wide blade or the third prong are provided for your safety.



If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

5. **Power Sources** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your location, consult your video dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

6. **Overloading** - Do not overload wall outlets or extension cords as this can result in the risk of fire or electric shock. Overloaded AC outlets, extension cords, frayed power cords, damaged or cracked wire insulation, and broken plugs are dangerous. They may result in a shock or fire hazard. Periodically examine the cord, and if its appearance indicates damage or deteriorated insulation, have it replaced by your service technician.

7. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

8. **Surge Protectors** - It is highly recommended that the product be connected to a surge protector. Doing so will protect the product from damage caused by power surges. Surge protectors should bear the UL listing mark or CSA certification mark.

9. **Uninterruptible Power Supplies (UPS)** - Because this product is designed for continuous, 24/7 operation, it is recommended that you connect the product to an uninterruptible power supply. An uninterruptible power supply has an internal battery that will keep the product running in the event of a power outage. Uninterruptible power supplies should bear the UL listing mark or CSA certification mark.

Caution: Maintain electrical safety. Power line operated equipment or accessories connected to this product should bear the UL listing mark or CSA certification mark on the accessory itself and should not be modified so as to defeat the safety features. This will help avoid any potential hazard from electrical shock or fire. If in doubt, contact qualified service personnel.

Installation (Continued)

10. **Ventilation** - Slots and openings in the case are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided and the product manufacturer's instructions have been followed.
11. **Attachments** - Do not use attachments unless recommended by the product manufacturer as they may cause a hazard.
12. **Water and Moisture** - Do not use this product near water — for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, near a swimming pool and the like.
13. **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
14. **Accessories** - Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious damage to the product. Use this product only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and use a mounting accessory recommended by the manufacturer.
15. **Camera Extension Cables** - Check the rating of your extension cable(s) to verify compliance with your local authority regulations prior to installation.
16. **Mounting** - The cameras provided with this system should be mounted only as instructed in this guide or the instructions that came with your cameras, using the provided mounting brackets.
17. **Camera Installation** - Cameras are not intended for submersion in water. Not all cameras can be installed outdoors. Check your camera environmental rating to confirm if they can be installed outdoors. When installing cameras outdoors, installation in a sheltered area is required.



Service

1. **Servicing** - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
2. **Conditions Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged.
 - B. If liquid has been spilled or objects have fallen into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product has been dropped or the cabinet has been damaged.
 - E. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - F. When the product exhibits a distinct change in performance. This indicates a need for service.
7. **Replacement Parts** - When replacement parts are required, have the service technician verify that the replacements used have the same safety characteristics as the original parts. Use of replacements specified by the product manufacturer can prevent fire, electric shock, or other hazards.
8. **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks recommended by the manufacturer to determine that the product is in safe operating condition.

Use

1. **Cleaning** - Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
2. **Product and Cart Combination** - When product is installed on a cart, product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
3. **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or "short-out" parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
4. **Lightning** - For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power line surges.

NOTICES

FCC/IC Notice:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment on and off), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio or television technician for assistance

Modification:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

Toute modification non approuvée explicitement par le fournisseur de licence de l'appareil peut entraîner l'annulation du droit de l'utilisateur à utiliser l'appareil.

RoHS:

This product is fully compliant with the European Union Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment ("RoHS") Directive (2002/95/EC). The RoHS directive prohibits the sale of electronic equipment containing certain hazardous substances such as lead, cadmium, mercury, and hexavalent chromium, PBB, and PBDE in the European Union.

It is imperative that the user follows the guidelines in this manual to avoid improper usage, which may result in damage to the product, electrical shock and fire hazard injury.

In order to improve the feature functions and quality of this product, the specifications are subject to change without notice from time to time.









	Product Information		Specification Sheets
	User Manuals		Software Upgrades
	Quick Start Guides		Firmware Upgrades

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1. Getting Started

The system comes with the following components:



1 X MONITOR



1 X MONITOR STAND



1 X MONITOR STAND SCREW



1 X POWER ADAPTER



1 X HDMI CABLE



1 X VGA CABLE



INSTRUCTION MANUAL

CHECK YOUR PACKAGE TO CONFIRM THAT YOU HAVE RECEIVED THE COMPLETE SYSTEM, INCLUDING ALL COMPONENTS SHOWN ABOVE.

2. Installing the Monitor Stand

ATTENTION: Install the monitor stand before using the monitor.

To install the monitor stand:

- 1 Lay the monitor face on a clean, soft surface.



- 2 Align the monitor stand to the base of the monitor.

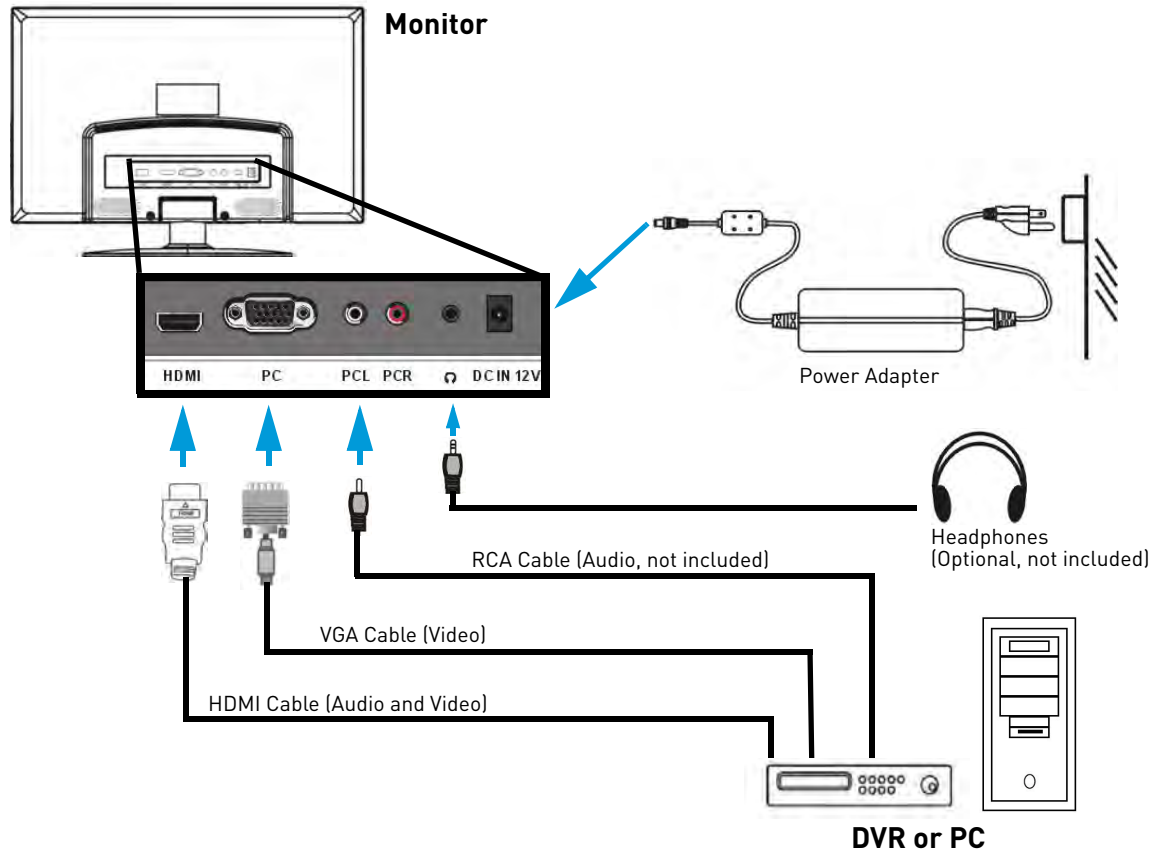


- 3 Tighten the monitor stand screw clockwise to secure the monitor stand.



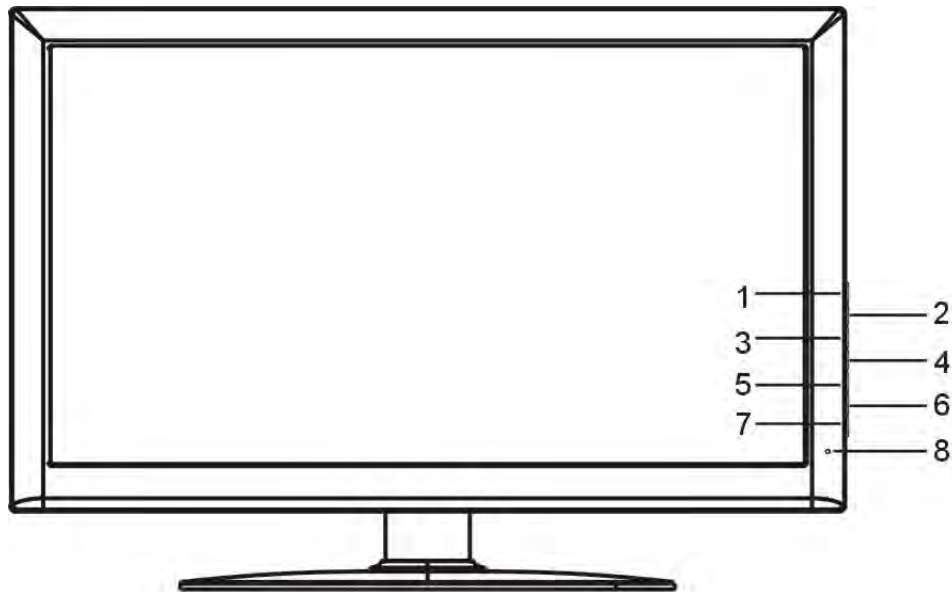
NOTE: The monitor stand screw comes attached to the monitor stand.

3. Connecting the Monitor



- 1 Connect an HDMI cable from the **HDMI** port on the monitor to an HDMI port on your DVR or PC to enable high-definition video and audio; **OR** connect a VGA cable from the **PC** port on the monitor to a VGA port on your DVR or PC.
 - If you are using a VGA cable, to enable the built-in speakers, you will need to connect an RCA cable (not included) from the **PCL** port on the monitor to an Audio Out port on your DVR.
- 2 Connect the power adapter to the **DC IN 12V** port on the monitor. Connect the other end to a surge protector or power outlet.
- 3 Press the **POWER** button on the side of the monitor to power on the monitor.
- 4 Power on your DVR or PC.

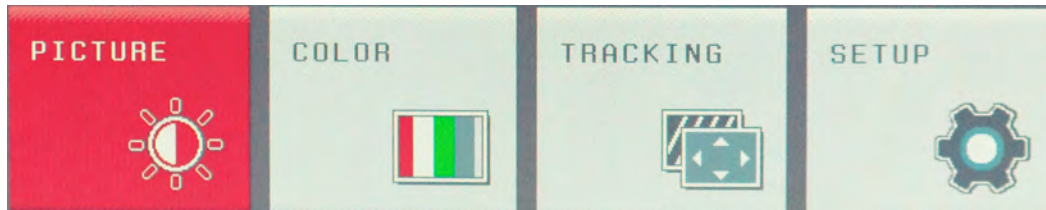
4. Monitor Overview



- 1 AUTO button:** Press to automatically adjust the screen display settings. In the Menu, press to return to previous menu or exit the Menu.
- 2 UP button:** In the Menu, press to scroll up / left.
- 3 DOWN button:** In the Menu, press to scroll down / right.
- 4 + button:** Press to increase the volume of the built-in speakers. In the Menu, press to increase the selected setting.
- 5 - button:** Press to decrease the volume of the built-in speakers. In the Menu, press to decrease the selected setting.
- 6 MENU button:** Press to enter the Menu and to select sub-menus and setting options.
- 7 POWER button:** Press to turn the monitor on and off.
- 8 Power indicator:** Glows green when the monitor is on. Glows red when the monitor is in standby mode.

5. Using the Menu

Press the **MENU** button to open the Menu. The Menu opens to the sub-menu selection screen.



Sub-menu selection screen

- Press **UP** and **DOWN** to scroll through sub-menus and setting options.
- Press **MENU** to select sub-menus and setting options.
- Press **+** and **-** to adjust selected settings.
- Press **AUTO** to return to the previous sub-menu or exit the Menu.

5.1 Picture

Brightness

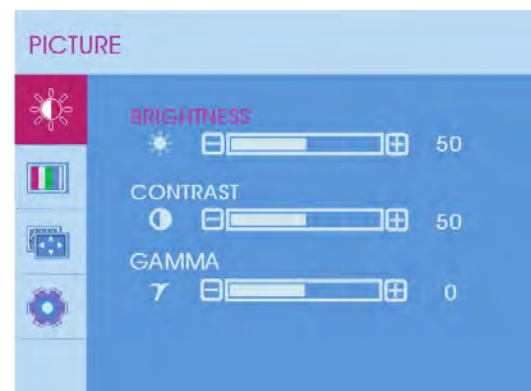
Press **+/-** to adjust the brightness of the display.

Contrast

Press **+/-** to adjust the contrast of the display.

Gamma

Press **+/-** to adjust the Gamma setting. The Gamma setting can be adjusted from -50 to 50.



5.2 Color

Preset

Press **+/-** to select preset RGB color settings.

Red

Press **+/-** to adjust the red level.

Green

Press **+/-** to adjust the green level.

Blue

Press **+/-** to adjust the blue level.



5.3 Tracking

Horizontal

When the monitor is connected using VGA, press **+** to move the screen display area to the right or **-** to move left.

Vertical

When the monitor is connected using VGA, press **+** to move the screen display area up or **-** to move down.

Clock

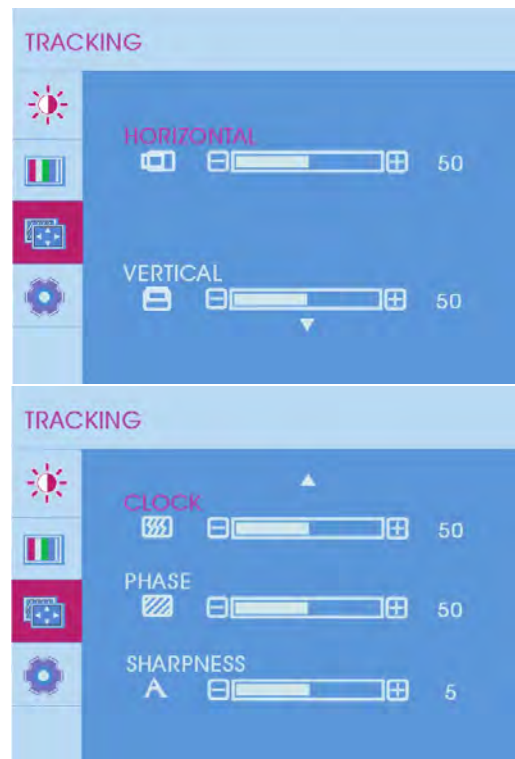
Press **+/-** to adjust the Clock setting.

Phase

Press **+/-** to adjust the Phase setting.

Sharpness

Press **+/-** to adjust the display sharpness. Sharpness can be adjusted from 0 to 10.



5.4 Setup

Language

Press **UP** and **DOWN** to select the language used in the Menu. The language updates immediately when selected.

OSD Position - Horizontal

Press **+** to move the Menu to the right or **-** to move left.

OSD Position - Vertical

Press **+** to move the Menu up or **-** to move down.

White Balance

Press **+/-** to turn the White Balance setting on or off.

DCR

Press **+/-** to turn the Dynamic Contrast Ratio setting on or off.

4:3 or Wide

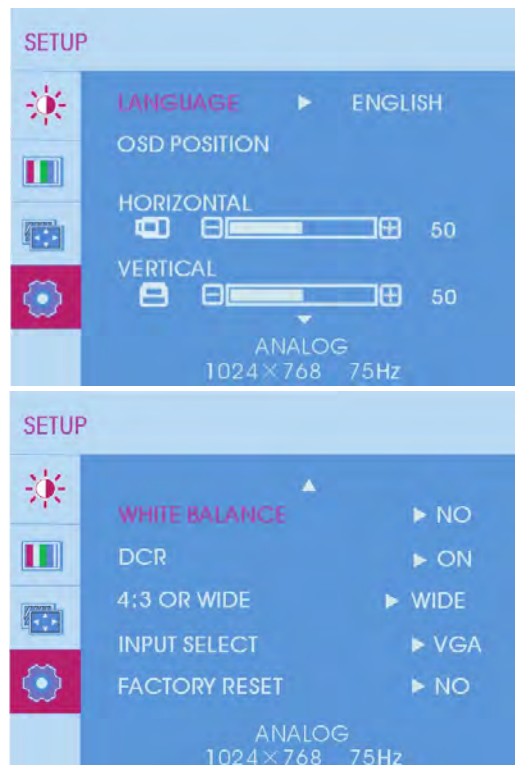
Press **+/-** to select a widescreen or 4:3 aspect ratio.

Input Select

Press **+/-** to select HDMI or VGA inputs.

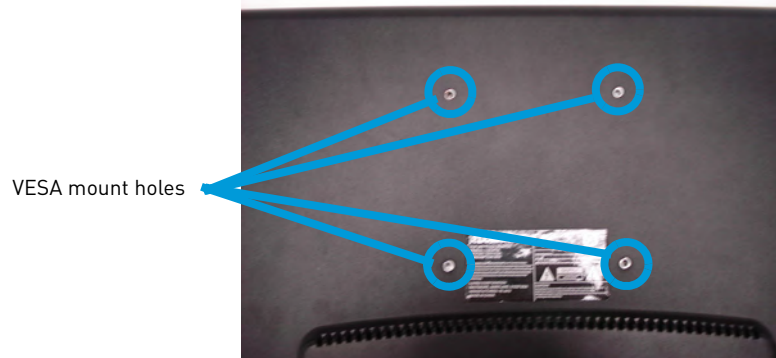
Factory Reset

Press **+** or **-** to reset the monitor to factory default settings. The settings change immediately.



6. Using the VESA Mount Holes

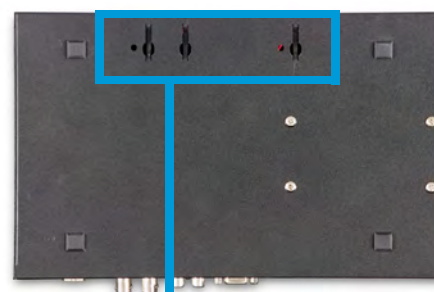
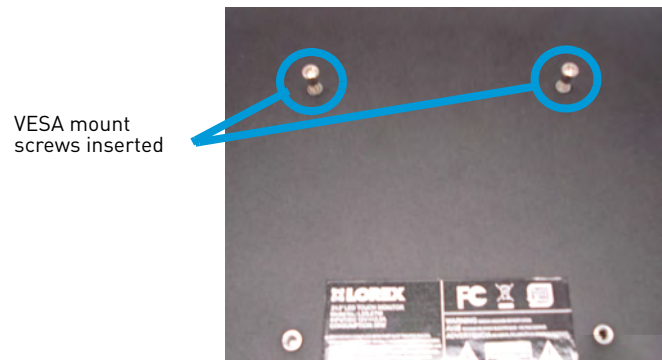
This monitor features mounting holes for a 100mm x 100mm VESA mount and an independent stand. This allows you to mount a Lorex VESA-mountable DVR to the back of the monitor or to mount the monitor to a wall or ceiling using a compatible mounting bracket (not included).



NOTE: VESA mounting bracket and VESA mount screws are not included with the monitor. If you purchase a separate mounting bracket for wall or ceiling mounting, check the documentation for your mounting bracket for installation instructions.

To mount your DVR to the back of the monitor using the VESA mount holes:

- 1 Disconnect all cables from the DVR and monitor.
- 2 Insert the VESA mount screws into the two top VESA mount holes on the monitor. Make sure the screws are only 3/4 of the way in; this will allow sufficient clearance to hang the DVR.
- 3 With the front panel of the DVR facing up, align two of the VESA mount holes on the DVR and slide down into place.



Example of VESA mount holes on Edge Series DVR



DVR mounted to monitor

7. Maintenance

- Be sure to press POWER to power off the monitor and disconnect the power adapter before cleaning or moving the monitor.
- Wipe the monitor with a dry, soft cloth.
- If the monitor screen is very dirty, wipe clean with a cloth that has been dipped in a diluted soap-and-water solution and wrung out thoroughly. Then wipe again with a dry cloth.
- **Do not** use alcohol, benzine, thinner, cleaning fluid, or other chemicals to clean the monitor.
- **Do not** use compressed air to remove dust from the monitor.
- When removing the monitor base, lay the monitor face down on a soft area to prevent it from getting scratched or damaged.

8. Technical Specifications

Display	23.6" TFT LED
Resolution	H: 1920 V: 1080
Dots Distance	0.27675(H) X 0.27675(V) mm
Visible Range	531.36(H) X 298.89(V) mm
Power Source	12V DC
Power Requirement	3.5A
Power Consumption	up to 42W
Operation Temperature	23° ~ 113°F -5° ~ 45°C
Dimensions (including stand)	22.6" (L) x 15.4" (W) X 7.5" (D) 575mm (L) x 393mm (W) X 190mm (D)
Weight (approx.)	8.7lbs / 3.9kg

As our products are subject to continuous improvement, Lorex Technology Inc. and its subsidiaries reserve the right to modify product design, specifications, and prices without notice and without incurring any obligation. E&OE

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