

INF7011

Hardware Guide



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Declaration of Conformity

Manufacturer: InFocus Corporation, 13190 SW 68th Parkway, Portland, Oregon 97223-8368 USA

Trademarks

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FCC Warning

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

Operation of the equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Changes or modifications not expressly approved by InFocus Corporation may void authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

INFORMATION FOR RADIO FREQUENCY DEVICES ONLY:

This device complies with part 15 of the FCC Rules / RSS-210. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

INFORMATION POUR LES DISPOSITIFS DE FRÉQUENCE RADIO SEULEMENT :

Cet appareil est conforme à l'article 15 des réglementations de la FCC / CNR-210. Le fonctionnement est subordonné aux deux conditions suivantes : (1) ce appareil ne doit pas provoquer d'interférences nuisibles, et (2) ce appareil doit accepter toute interférence reçue, y compris des interférences qui peuvent provoquer un fonctionnement non désiré.

INFORMATION FOR OPTICAL POINTING DEVICES ONLY:

This product has been tested to comply with International Standard IEC 60825-1: (1993), incld. Amd. 2(2001). This product uses LEDs that are inherently Class 1.

INFORMATION POUR LES DISPOSITIFS DE POINTAGE OPTIQUE SEULEMENT :

Ce produit a été testé pour se conformer à la norme IEC 60825-1 : (1993), y comp. Amd. 2 (2001). Ce produit utilise des DEL qui sont, par nature, de classe 1.

Dongle Label:



RG-0918

IC : 8150A-RG0918

CMIIT ID:2009DJ2362

FCC ID: E8HRG-0918

This document applies to regulatory model: INF7021

Input ratings: AC 100-240V, 7.5A, 50-60Hz

InFocus reserves the right to alter product offerings and specifications at any time without notice.

Safety Considerations



Please read and follow all safety instructions provided below and on the monitor before connecting the monitor to a power source. Failure to comply with safety instructions may result in fire, electrical shock, or personal injury and may damage or impair protection provided by the equipment. Please save all safety instructions.

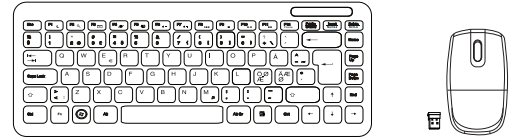
- This monitor is very heavy and should be moved and installed by at least two individuals. Do not attempt to move or install the monitor yourself, otherwise injury and/or damage may occur.
- When moving the monitor, always hold the monitor firmly using the handles and side or bottom bezels. Do not hold the top bezel.
- When moving the monitor carton, do not tilt or invert the carton. Always keep it in an upright orientation.
- Disconnect all accessories and cables before moving the monitor.
- If the monitor is installed against the wall, maintain a distance of at least 1.98" (5cm) between the monitor and the wall to provide adequate ventilation.
- Refer to this guide for proper startup and shutdown procedures.
- Follow all warnings and cautions in this manual and on the monitor.
- Locate the monitor at least 4' (1.2m) away from heating and cooling vents.
- Do not block ventilation openings. Locate the monitor in a well-ventilated area without obstructions to intake or exhaust vents.
- Do not install or use the monitor near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
- Do not place the monitor in direct sunlight, humid, greasy or dusty places or in places where the monitor may come into contact with rain, smoke or steam.
- The monitor should not be used with the power cord near water, for instance, near a bathtub, washbowl, kitchen sink or swimming pool, etc.
- Do not use any components of the monitor near water. Warning: To reduce the risk of fire or electric shock, do not expose this equipment or any component of this equipment to rain or moisture.
- Do not drop the monitor.
- Do not spill liquid on the monitor. Spilled liquid may damage the monitor.
- **WARNING:** This apparatus must be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the machine may cause injury or death.
- The power outlet used to power this monitor should be readily accessible for fast disconnection in case of emergency.
- No naked flame source, such as lighted candles, should be placed on the apparatus.
- Use the power cord provided. Connect the power cord to a receptacle with a protective safety (earth) ground terminal. A surge-protected power strip is recommended. Do not overload wall outlets.
- It is recommended that the Class 1 monitor be grounded.
- Do not install the monitor in places subject to mechanical vibration.
- Do not place the monitor on an unstable surface, which could result in serious personal injuries and monitor damage. When mounting the monitor to a stand, be sure to following the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- When disconnecting the power cord, hold the plug, not the cord.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the monitor.

- Unplug the monitor if you are not going to use it for an extensive period of time.
- Unplug the monitor if you need to clean it with the included microfiber cleaning cloth. The screen may be wiped with the cleaning cloth when the power is off. Never use alcohol, solvents or ammonia-based liquids on this monitor.
- Wash hands after handling the cables supplied with this monitor.
- The monitor remote control, mouse and keyboard use batteries. Make sure the batteries' polarity (+/-) is aligned correctly. Dispose of used batteries in accordance with local disposal laws.
- Only use properly rated wall and stand mounting hardware that meet this product's specifications and follow the manufacturer installation instructions. The warranty does not cover any damage caused by use of improperly rated mounting hardware or from improper installation.
- Refer all service to qualified service personnel. Do not remove the cover or back. Servicing your own monitor can be dangerous to you and will void the warranty.
- Only use replacement parts specified by InFocus. Unauthorized substitutions may result in fire, electrical shock or injury and may void the warranty.
- When mounting the monitor to a wall, metric 8 (12mm) screws must be used. In addition, the mounting interface should comply with the UL1678 standard in North America. The mounting means should be strong enough to bear the weight of the monitor (approximately 114.2 lbs/51.8 kg without the stand).
- Follow these instructions to help ensure image quality over the life of the monitor. Failure to follow these instructions may affect the warranty.
- Lithium Battery (in PC Box) Caution: There is a risk of explosion if the battery is replaced by an incorrect type. The battery should only be replaced with an identical or equivalent type of battery as recommended by the manufacturer. Dispose of used batteries in accordance with local disposal laws.

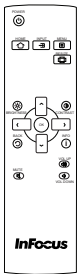
What's Included



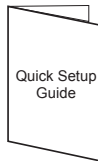
1920 x 1080 monitor



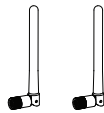
Wireless Keyboard & Mouse*
(Batteries not included)



Remote control
(batteries not included)



Documentation



Antennas



Power cords
(varies per country)



Stylus



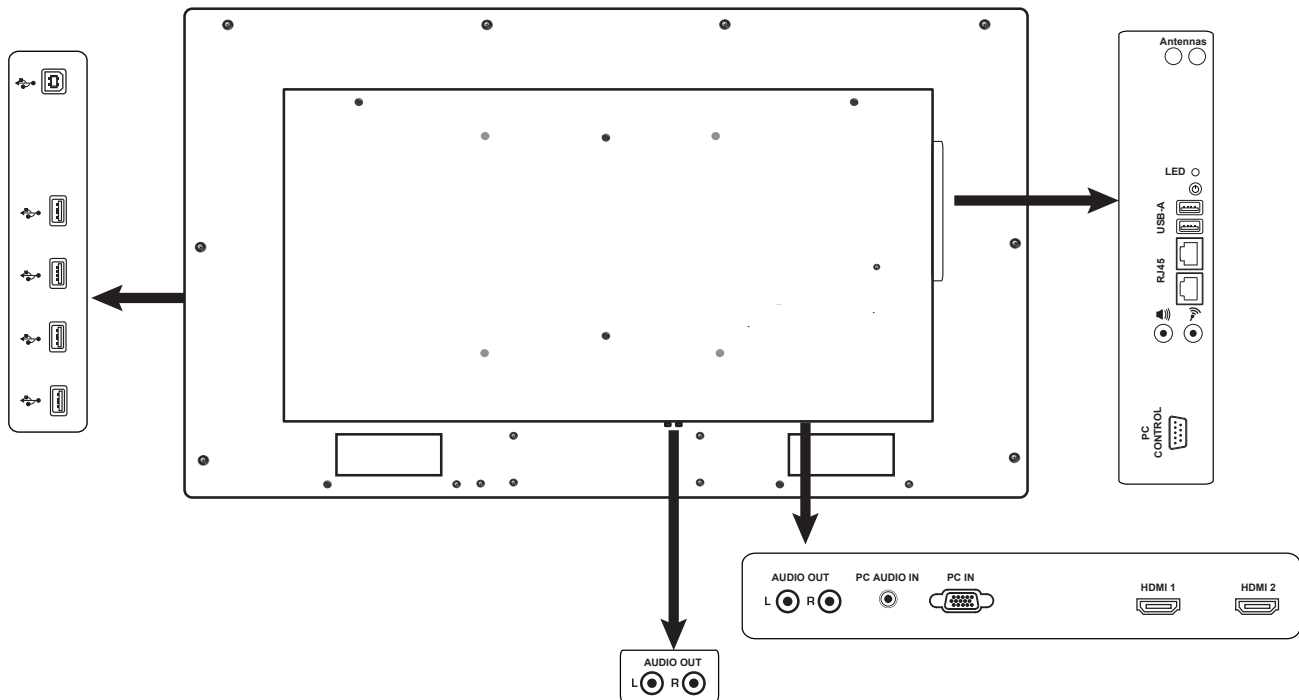
Thumb screws

*Not included for all countries. For setup purposes, a keyboard and mouse are recommended. For additional accessory options, such as stands, feet, carts and wall mounts, see the InFocus website (www.infocus.com/store) or your local dealer.

Setup

Connecting to Other Devices

A full range of digital and analog video inputs and audio source devices can be connected to the connection panels on the back and side of the monitor. Available jacks include: HDMI® In (2), VGA In (1), PC Control (1), Microphone In (1), Audio Out 3.5mm (1), Audio In 3.5mm (1), Audio Out RCA (2 – R/L), RJ45 (2), USB-B (1) and USB-A (6).



Connecting AC Power

- 1) Connect one end of the AC power cord to the AC In jack on the back of the monitor.
- 2) Connect the other end of the AC power cord to an AC outlet.
- 3) Press the power switch. (The LED on the front of the monitor turns on.)

NOTES:

- Your monitor should only be operated from the power source indicated on the label.
- Always unplug the AC power cord from the power outlet when you are not using your monitor for an extended period of time.

Turning the Monitor On/Off

- 1) Verify that the power cord is connected to a power outlet and that the power switch is ON.
- 2) Press the Power button on the remote or the right side of the monitor. (The LED on the front of the monitor turns off.)

NOTES:

If the monitor becomes locked and does not respond to normal power down procedures, the monitor can be powered down by pressing and holding the PC box Power button (located on the back of the monitor) for 7-8 seconds.

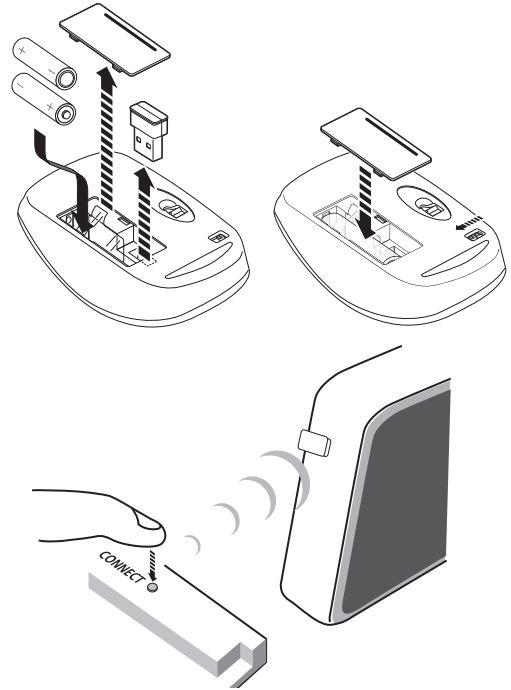
By default, the monitor will time out at 10 minutes and go into system standby after 20 minutes of inactivity. Power settings for the monitor can be changed in Windows Control Panel > Hardware and Sound > Power Options.

Setting up the Wireless Mouse and Keyboard

NOTE: The wireless mouse and keyboard is not included as a standard accessory for some countries. For initial setup and/or configuration, it may be easier to use a mouse and keyboard. Any standard wired or wireless mouse or keyboard can be connected through the monitor's USB ports.

Wireless Mouse

- 1) Turn the mouse over and remove the battery cover.
- 2) Remove the USB dongle from its holder in the battery compartment of the mouse.
- 3) Plug it into a free USB-A port on the Bezel Connector Panel of the monitor. You may be asked to go online to find the necessary drivers. If you are warned that the drivers have not been tested for compatibility, tap Continue installation to finish.
- 4) Insert two (2) AAA batteries (not included) into the mouse by aligning the + and – end of the batteries as indicated and sliding them in place.
- 5) Replace the cover and switch the mouse ON using the slide switch next to the battery bay.



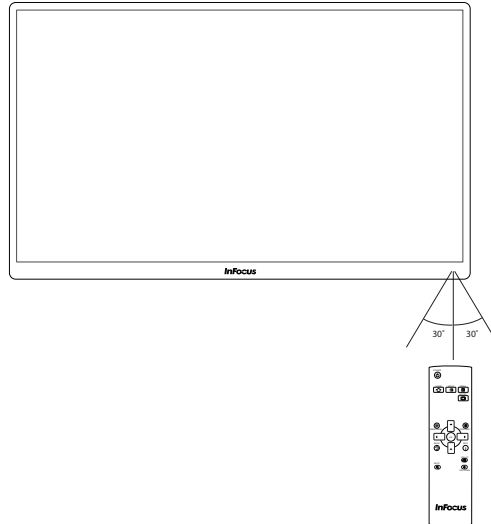
Wireless Keyboard

- 1) Turn the keyboard over and open the battery cover.
- 2) Insert two (2) AAA batteries (not included) into the keyboard, by aligning the + and – ends of the batteries and sliding them in place.
- 3) Replace the cover.
- 4) Press the CONNECT button and hold it for one second to allow the keyboard to bind with the dongle.

Using the Remote

The remote uses two (2) AAA batteries (not included). Install the batteries by removing the cover from the remote's back, aligning the + and – ends of the batteries, sliding them in place and replacing the cover.

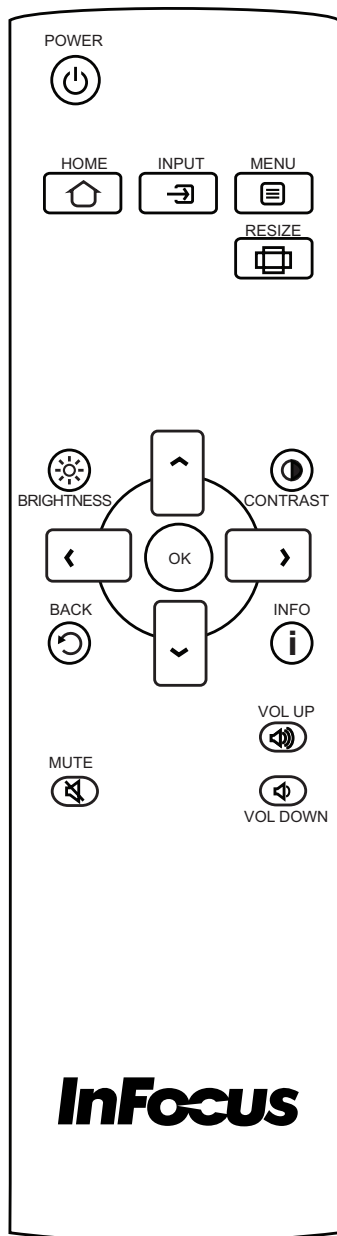
To operate, point the remote at the monitor sensor at the bottom right-hand corner of the monitor. The range of optimum operation is about 26' (8m) and within a horizontal and vertical angle of 30 degrees.



CAUTION:

- When disposing of the batteries, be sure to do so in an environmentally proper manner.
- If the remote control gets wet, wipe it dry immediately.
- Avoid excessive heat and humidity.
- Ensure the batteries' polarity (+/-) is properly aligned.
- Do not mix new and old batteries or different types of batteries together.
- Replace the batteries as soon as they run out.
- Remove batteries from the remote control when storing or not in use for a prolonged period.

The remote has the following buttons:



POWER



Power: Switches the power on or puts the monitor into Standby.

HOME



Home: Changes the active source back to the embedded PC.

INPUT



Input: Toggles the Input Source menu on and off, which allows the user to change sources. Options include: HDMI1, HDMI2, PC, and VGA.

MENU



Menu: Turns the OSD menu on and off.

RESIZE



Resize: Switches between screen modes. Modes vary based on the source.

BRIGHTNESS



Brightness: Opens the Brightness OSD menu. Use the right and left arrow buttons to adjust.

CONTRAST



Contrast: Opens the Contrast OSD menu. Use the right and left arrow buttons to adjust.

BACK



Back: Returns the user to the previous menu.

< > ^ v OK

Left, Right, Up, Down Arrows and OK: Use these buttons to navigate through and make changes to the Onscreen Menu features.

INFO



Info: Displays source information.

VOL UP



Vol up: Increases the audio volume.

< ^ > v

Vol down: Decreases the audio volume.

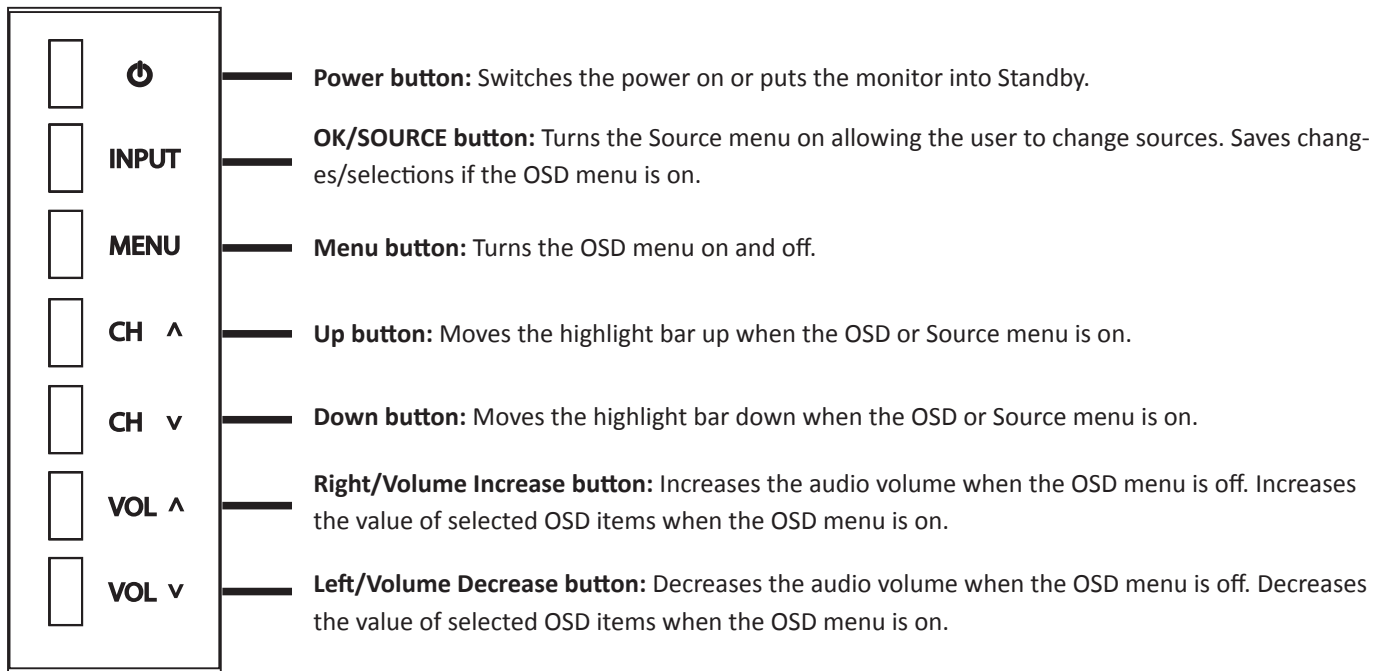
MUTE



Mute: Switches the audio on or off.

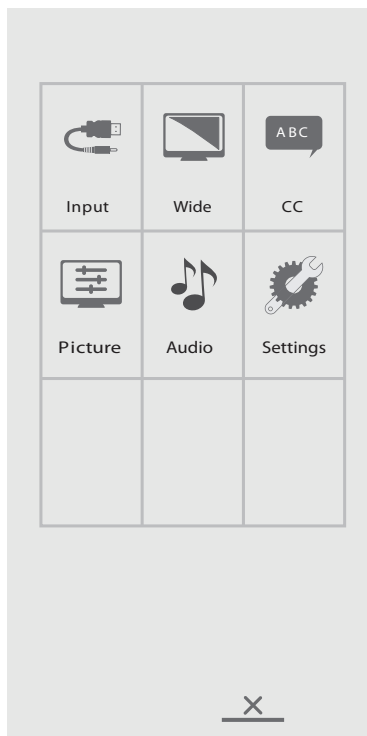
Using the Keypad

The keypad, located on the left-hand side of the monitor, has the following buttons:



OSD (On-Screen Display) Menu System

The OSD provides the user the ability to control the monitor display. To access the OSD, press the **Menu** button on the remote or the keypad located on the left-hand side of the monitor.



Use the up and down arrows on the remote or keypad to scroll through the menu options and press **OK** to enter the highlighted menu. Use the up and down arrows and **OK** button to select the item you would like to adjust. Left and right arrow buttons are used to make adjustments.

When your adjustments are complete, press the **Back** button to go to a different menu or press the **Menu** button to exit the OSD menu entirely.

The following pages describe each of the OSD menus in detail.

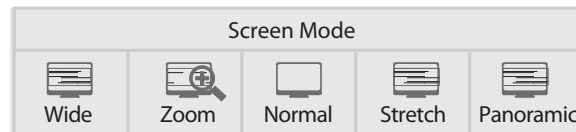
Input Menu

External devices can be connected to the monitor. To use an external device, you must change the input source in the Input Source Selection menu. Use the up and down arrow buttons to highlight the desired source and press **OK**.



Wide Menu

The monitor can display images in five different modes: Wide, Zoom, Panoramic, Normal, and Stretch. Each mode displays the picture differently. Use the left and right arrows to highlight the desired display mode and press **OK**.



Normal: preserves the content's original aspect ratio. Since the 4:3 aspect ratio is not large enough to fill the monitor's screen, black bars are added to the left and right of the display image.

Wide: stretches a 4:3 aspect ratio picture to the edges of the screen. Since the picture is being stretched, the display image may appear distorted. If the program is already formatted for widescreen viewing (1.85:1 or 2.35:1), then the image will be letterboxed (black bars will appear on the top and bottom of the displayed image).

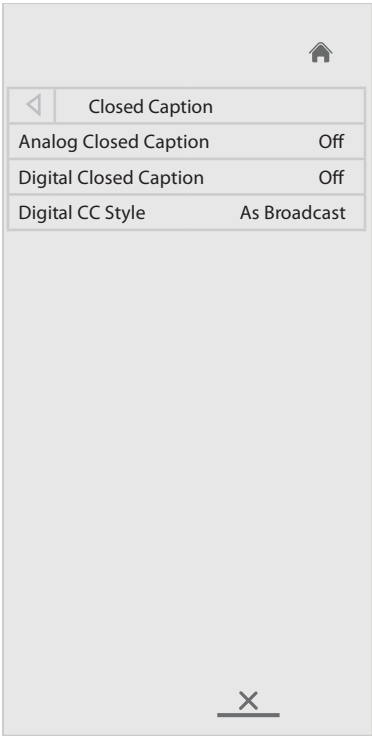
Zoom: expands images with black bars to fit the screen.

Panoramic: expands the display image to fill the screen. Images may appear wider than intended. If you are watching widescreen (1.85:1 or 2.35:1) content, the image will be letterboxed (black bars will appear on the top and bottom of the displayed image). This option is only available when the monitor is displaying a 480i/480p source.

Stretch: expands the display image to fill the screen. Images may appear wider than intended. If you are watching widescreen (1.85:1 or 2.35:1) content, the image will be letterboxed (black bars will appear on the top and bottom of the displayed image). This option is only available when the monitor is displaying a 720p/1080i/1080p source.

CC (Closed Captioning) Menu

If you are watching a program that is being broadcast with closed captions, you can use this menu to display and change the look of the closed captioning. Use the up and down arrows to highlight the option you wish to change, then use the left and right arrow buttons to make your selections, and press **OK**.



Analog Closed Caption: turns closed captioning on and off for analog (NTSC) video sources.

Digital Closed Caption: turns closed captioning on and off for digital (ATSC) video sources.

Digital CC Style: opens the Digital CC Style submenu which allows you to adjust the style, size, color, and opacity of the closed captioning and the background window.



Caption Style: allows the user to customize the closed captions or keep them as they have been broadcast. Options include: Custom and As Broadcast.

Text Size: adjusts the closed captioning text size. Options include: As Broadcast, Small, Standard, and Large.

Color: adjusts the font color of the closed captioning text. This option is only available when Caption Style is set to Custom. As Broadcast, Black, White, Green, Blue, Red, Cyan, Yellow, and Magenta.

Opacity: adjusts the opacity of the closed captioning text. This option is only available when Caption Style is set to Custom. Options include: As Broadcast, Solid, Translucent, Transparent, and Flashing.

BG Color: adjusts the background color of the closed captioning text. This option is only available when Caption Style is set to Custom. As Broadcast, As Broadcast, Black, White, Green, Blue, Red, Cyan, Yellow, and Magenta.

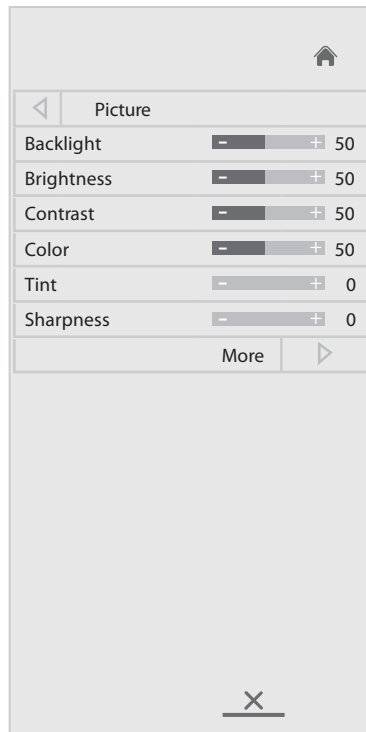
BG Opacity: adjusts the background opacity of the closed captioning text. This option is only available when Caption Style is set to Custom. Options include: As Broadcast, Solid, Translucent, Transparent, and Flashing.

Window Color: adjusts the window color of the closed captioning text. This option is only available when Caption Style is set to Custom. Options include: As Broadcast, Black, White, Green, Blue, Red, Cyan, Yellow, and Magenta.

Window Opacity: adjusts the window opacity of the closed captioning text. This option is only available when Caption Style is set to Custom. Options include: As Broadcast, Solid, Translucent, Transparent, and Flashing.

Picture Menu

Use this menu to adjust the look of your displayed image. Use the up and down arrows to highlight the option you wish to change, then use the left and right arrow buttons to make your selections, and press **OK**.



Backlight: adjusts the LED panel brightness. This affects the overall brilliance of the picture.

Brightness: changes the intensity of the image.

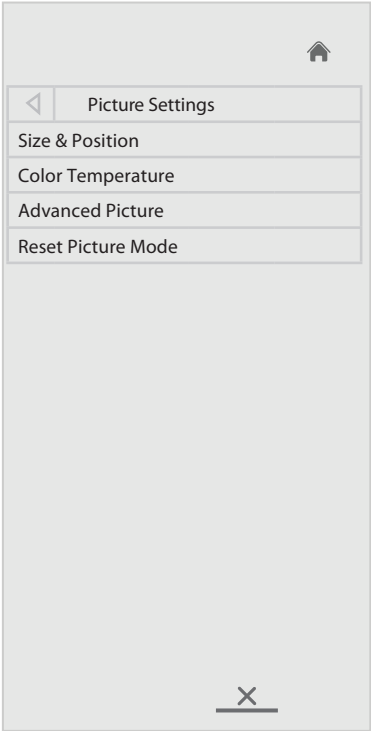
Contrast: controls the degree of difference between the lightest and darkest parts of the picture and changes the amount of black and white in the image.

Color: adjusts the image from black and white to fully saturated color.

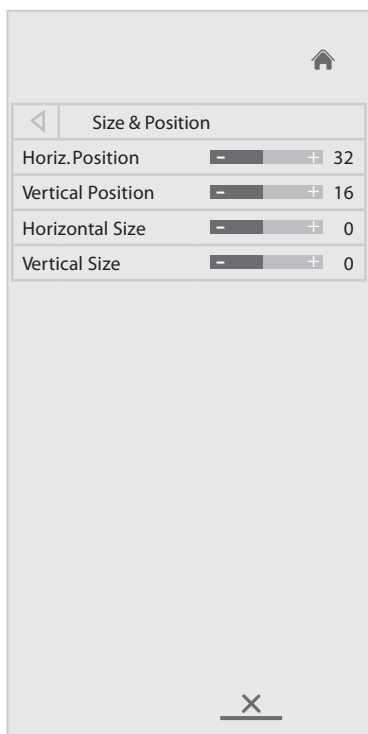
Tint: adjusts the red-green color balance in the image of NTSC video images.

Sharpness: changes the clarity of the edges of a video image.

More: opens the Picture Settings submenu and allows you to adjust the size and position, color temperature (warmth), and other advanced picture settings.



Size & Position: opens the Size & Position submenu which allows you to adjust the size and position of the source image on the displayed area.



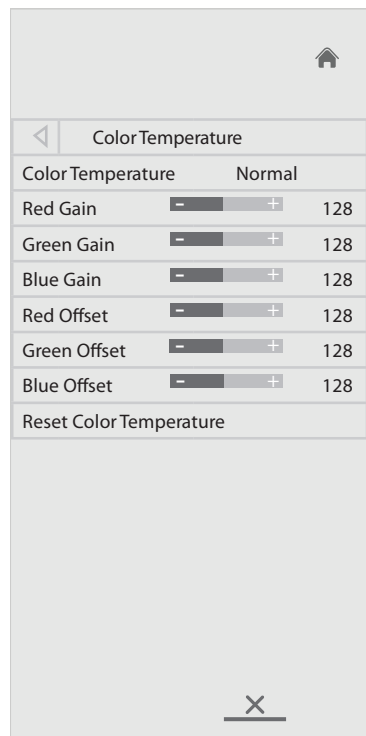
Horiz. Position: adjusts the horizontal (left/right) position of the display image.

Vertical Position: adjusts the vertical (up/down) position of the display image.

Horizontal Size: adjusts the width of the display image.

Vertical Size: adjusts the height of the display image.

Color Temperature: opens the Color Temperature submenu which allows you to adjust the relative warmth (reddish tones) and coolness (bluish tones) of the image.



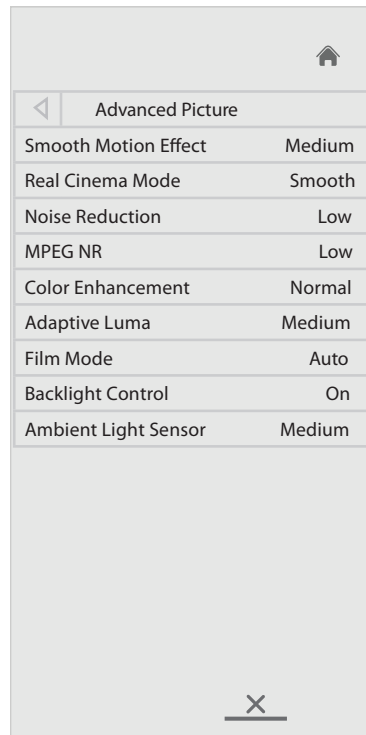
Color Temperature: provides different predefined color temperature modes to choose from. Options include: Cool, Computer, Normal (for television viewing), and Custom.

Red/Green/Blue Gain: adjusts the LED panel brightness. This affects the overall brilliance of the picture.

Red/Green/Blue Offset: changes the intensity of the image.

Reset Color Temperature: allows you to reset the color temperature settings to factory default levels.

Advanced Picture: opens the Advanced Picture submenu which allows you to adjust many advanced features. Use the up and down arrows to highlight the option you wish to change, press **OK**, then use the left and right arrow buttons to make your selections, and press **OK**.



Smooth Motion Effect: Activates Smooth Motion™ motion estimation/motion compensation, which suppresses motion judder, or stuttering of the image when a camera moves across a scene horizontally. Options include: Off, Low, Medium, and High.

Real Cinema Mode: Allows selection of the type of compensation used for the Smooth Motion™ effect. This setting is only available when Smooth Motion Effect is enabled (i.e. not Off). Options include: Off, Precision, and Smooth.

Noise Reduction: Diminishes artifacts in the image caused by the digitizing of image motion content. Options include: Off, Low, Medium, and High.

MPEG NR: Reduces pixilation and distortion for .mpeg files. Options include: Off, Low, Middle, or High.

Color Enhancement: Reduces oversaturation of some colors and improves flesh tones. Options include: Off, Normal, Rich Color, Grn/Flesh, and Grn/Blue.

Adaptive Luma: Adjusts the average brightness of the picture to compensate for large areas of brightness. Options include: Off, Low, Medium, Strong, and Extend.

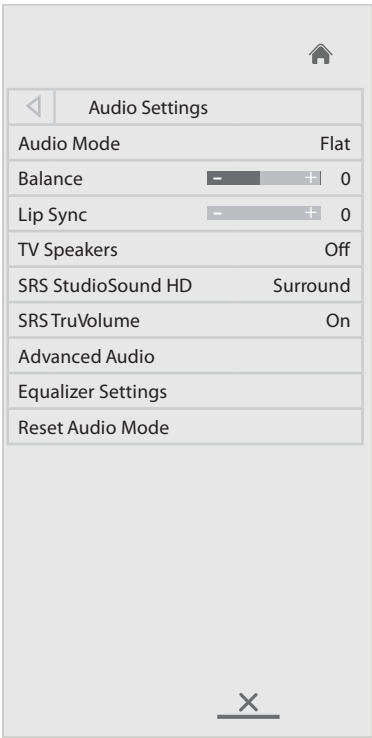
Film Mode: Optimizes the picture for watching film. Options include: Auto and Off.

Backlight Control: Options include: Off, DCR (Dynamic Contrast Ratio), or OPC.

Ambient Light Sensor: The ambient light sensor detects the light levels in the room and automatically adjusts the backlight for the best picture. Options include: Off, Low, Medium, and High.

Audio Settings Menu

The Audio Settings menu allows you to adjust audio settings of the monitor. Use the up and down arrows to highlight the option you wish to change, press **OK**, then use the left and right arrow buttons to make your selections, and press **OK**.



Audio Mode: adjusts the preset audio modes. This setting is only available when SRS StudioSound HD is set to Standard. Options include: Flat, Jazz, Classical, Pop and Rock.

Balance: adjusts the balance between the left and right audio speakers.

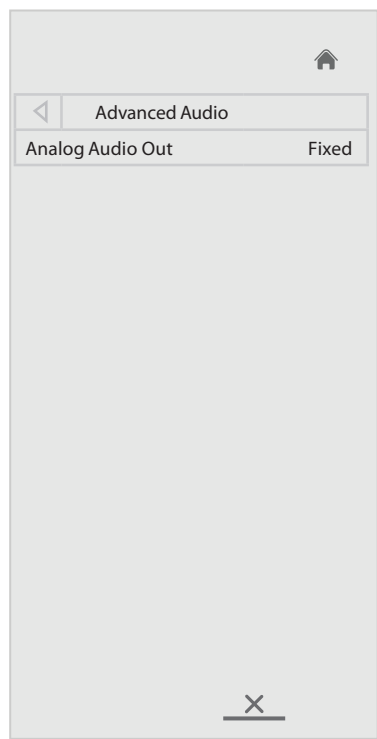
Lip Sync: adjusts the synchronization between the display image and the accompanying audio track.

TV Speakers: turns the built-in monitor speakers on and off.

SRS StudioSound HD: StudioSound HD™ is a feature-rich surround sound solution which delivers an immersive surround sound experience from the monitor's internal speakers. Additionally, StudioSound HD™ completes the entertainment experience by maintaining a steady volume while watching programming and movies, providing deep, rich bass, and delivering crisp details and clear, intelligible dialog. Options include: Surround and Standard.

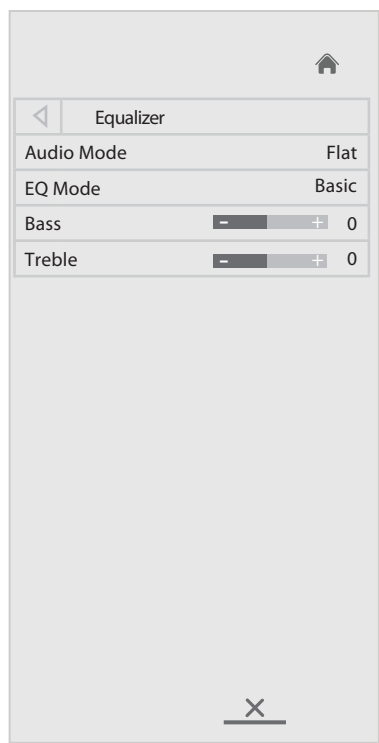
SRS TruVolume: TruVolume® intelligently normalizes volume fluctuations due to television commercials or channel changes. Options include: On and Off.

Advanced Audio: opens the Advanced Audio submenu and allows you to adjust the Analog Audio Out volume.



Analog Audio Out: sets the volume control properties for the analog RCA connectors when connected to a home theater audio system. Select **Variable** to control the external speakers' volume from the monitor's volume controls, or select **Fixed** to control the external speakers' volume from your home theater system controls.

Equalizer Settings: opens the Equalizer submenu and allows you to adjust the boost or attenuation of the different frequencies.



Audio Mode: adjusts the preset audio modes. This setting is only available when SRS StudioSound HD is set to Standard. Options include: Flat, Jazz, Classical, Pop and Rock.

EQ Mode: adjusts the bass and treble settings. Options include: Basic and Advanced (for fine tuning).

Bass: adjusts the bass audio settings.

Treble: adjusts the treble audio settings.

Reset Audio Mode: allows you to reset the audio settings to factory default levels.

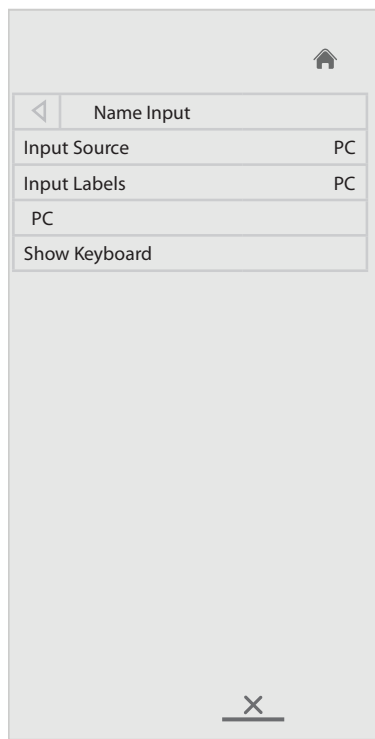
Settings Menu

The Settings menu allows you to change the input source, adjust tuner settings, name the source inputs, setup parental controls, change the OSD (On-Screen Display) language, set the time, adjust the broadcast interactivity setting, adjust CED settings and adjust the indicator LED settings. Use the up and down arrows to highlight the option you wish to change, press **OK**, then use the left and right arrow buttons to make your selections, and press **OK**.



Input Source: allows you to select the desired source input. Use the left and right arrow buttons to make your selection and press **OK**. Options include: HDMI-1, HDMI-2, PC, and VGA.

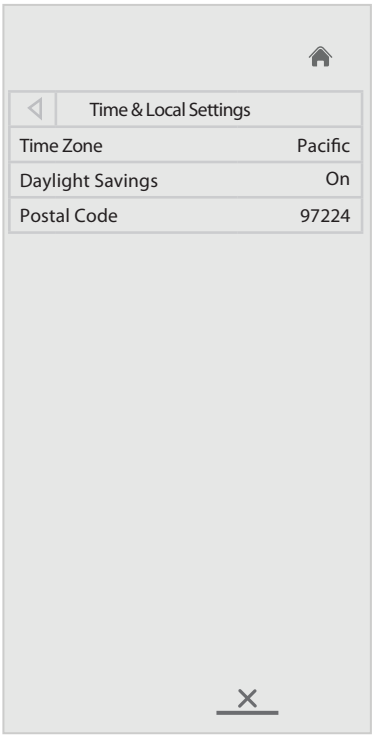
Name Input: opens the Name Input submenu and allows you to customize the source input names.



- Input Source:** allows you to select the input source you wish to rename. Note: You must select the desired input source before changing the Input Label or using Show Keyboard to enter a custom name. Options include: HDMI-1, HDMI-2, PC, and VGA.
- Input Labels:** allows you to choose a preset input label for the selected Input Source.
- Show Keyboard:** displays the on-screen keyboard and allows you to enter a custom name for the selected Input Source.

Menu Language: allows you to change the OSD (on-screen display) language. Use the left and right arrows to make your selection and press **OK**. Options include: English, French, and Spanish.

Time & Local Settings: opens the Time & Local Settings submenu and allows you to select the correct time zone for your area.

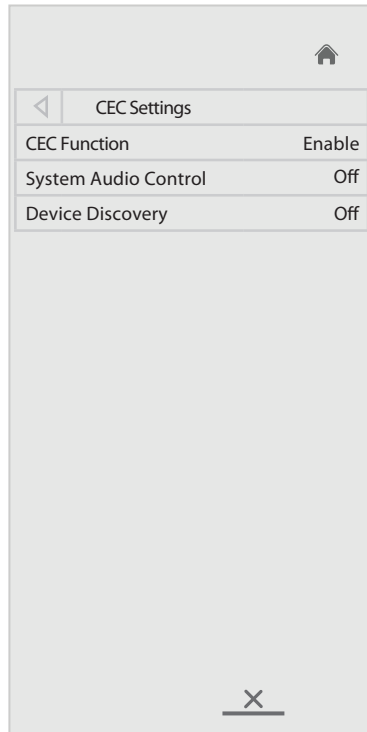


Time Zone: allows you to choose the time zone applicable to your area.

Daylight Savings: allows you to choose whether Daylight savings is applicable in your area. Choose **On** if daylight savings is in effect in your area, or **Off** if it is not. Options include: On and Off.

Postal Code: allows you to enter your ZIP code using the keypad on the remote. The ZIP code information is often used by VIA Apps to give you the most accurate location-based information, such as weather or news.

CEC Settings: opens the CEC Settings submenu and allows you to control the HDMI-connected devices with the included remote without any additional programming.



CEC Function: allows you to adjust the System Audio Control and Device Discovery options. Options include: Enable and Disable.

System Audio Control: allows you to control your device's audio using the monitor's remote control.

Device Discovery: If your device is connected and supports CEC, allows you to connect to your device automatically by turning Device Discovery **On** and pressing **OK**. Options include: On and Off.

Power Indicator: allows you to turn the power indicator on the front of the monitor on or off.

Troubleshooting

Symptom	Possible Solutions
No power	<ul style="list-style-type: none"> Verify the power cord is properly connected to the power outlet and to the monitor. Verify the power switch is ON and that the Power button on the remote or keypad has been turned on (the front LED should be white). Plug another electrical device to the power outlet to verify that the outlet is supplying the proper voltage.
The monitor shuts down suddenly	<ul style="list-style-type: none"> Verify that a source is active. The monitor may have overheated. Remove any objects blocking the vents. Review the Windows power settings of the monitor.
No image	<ul style="list-style-type: none"> If attempting to display an external source, see “No image from external source” below. Verify that the monitor is turned on (the front LED should be white). Verify that the monitor's PC is turned on (the PC LED on the back of the monitor should be solid green).
No image from external source	<ul style="list-style-type: none"> Verify that the source is correct by reviewing the Settings>Input Source menu. that connections between the source and the monitor have been made correctly. Verify that the cables are in good condition. Verify the correct input source is selected and that the input signal is compatible with the monitor.
The colors on the monitor do not look right	<ul style="list-style-type: none"> Adjust the Color and Tint settings in the Picture menu. Reset the picture settings. Verify that connections between the source and the monitor have been made correctly. Verify that the cables are in good condition.
No touchpad activity with external computer	<ul style="list-style-type: none"> Verify that the USB B to USB type A cable is plugged from the laptop into the monitor correctly. Verify that the laptop's operating system is Windows® 7. (The monitor touchpad does not support any other operating systems.)
Touchpad functions are not functioning consistently	<ul style="list-style-type: none"> Remove all objects placed on the lip of the monitor and/or within 2" of the touchpad screen. Power the device off and back on after a few seconds. Re-booting the device helps the touchpad to re-synchronize.
Remote is not working	<ul style="list-style-type: none"> Make sure the batteries are installed in the proper orientation and are not dead. Verify the remote is turned on (the button is on the bottom of the remote). Verify you are pointing the remote at the table and are within 26' (8m) and 30 degrees (horz/vert) of the sensor. Verify that the IR Control setting in the Advanced Option OSD menu is set to Normal.
Keypad and/or mouse is not working	<ul style="list-style-type: none"> Make sure the batteries are installed in the proper orientation and are not dead. Press the Connect button on the bottom of the keypad. Verify the USB adapter is installed into the monitor's USB port. Verify that the Keyboard Control setting in the Advanced Option OSD menu is set to Unlock.

Audio noise	<ul style="list-style-type: none"> Noise can occur when infrared communication equipment (for example, infrared cordless headphones) is used near the monitor. Move the infrared communication equipment away from the monitor to eliminate the noise.
No sound	<ul style="list-style-type: none"> If using a sound bar, verify that the sound bar is connected properly and that the sound bar power switch is turned on. If a sound bar or an external sound system is not being used, verify that the Speaker setting in the OSD Audio menu is set to Internal. If using an external source, such as S-video, verify that an audio cable is correctly installed between the device and the monitor. Using the remote, verify the volume is turned up enough and not muted. If playing a video, verify the playback has not been paused and that the video's audio has not been muted. An HDMI® 1.3 (or higher) source and source device is required to hear audio via the HDMI cable.

LED Indicators

Front LED (near IR sensor)	PC LED (back of the monitor)	Solution
Off	Off	<ul style="list-style-type: none"> The monitor is powered off. Press the Power button on the remote or keypad. If that does not work: 1) verify the power cord is properly connected to the power outlet and to the monitor; 2) verify that the power switch on the back of the unit is turned on; 3) plug another electrical device to the power outlet to verify that the outlet is supplying the proper voltage.
Off	Blinking Green	<ul style="list-style-type: none"> The monitor is in standby mode. Press the Power button on the remote or keypad.
White	Green	<ul style="list-style-type: none"> The monitor is powered on.
Orange	n/a	<ul style="list-style-type: none"> Contact InFocus Support at www.infocus.com/support,

For Additional Troubleshooting Support, please contact:

InFocus Corporation
 Technical Support
 6am-5pm PST
 877-388-8385
www.infocus.com/support

Specifications

To read the latest product specifications, be sure to visit our support website at www.infocus.com/support, as specifications are subject to change.

Size (viewable)	69.51" (cm diagonal)
Dimensions (without stand)	62.60 x 36.50 x 2.40"
Weight (without stand)	72.20 lbs.
Monitor Type	E-LED
Refresh Rate	120 Hz
Maximum Resolution	1920 x 1080
Pixel Pitch	0.802mm x 0.802mm
Dynamic Contrast Ratio	1M:1
Response Time	6ms
Brightness	350 nits
Viewing Angle	176° (H)/176° (V)
Inputs	HDMI® In (2), VGA In (1), PC Control (1), Audio In 3.5mm (1), Microphone In (1), RJ45 (2), USB-B (1) and USB-A (6).
Outputs	Audio Out 3.5mm (1), and Audio Out RCA (2 – R/L).
Wireless Network	802.11n
OSD Language	English, Spanish, French
Ambient Light Sensor	Yes
Certifications	FCC Class A, HDMI 1.4
Voltage Range	120 VAC @ 60Hz
Power Consumption	210W
Standby Power	<1W

Keyboard

Dimension	321 x 142 x 25.4mm
Weight	~350g excluding batteries
Batteries	Two (2) AAA alkaline
Operating Voltage	2.0V~3.2VDC
Power Consumption	Operation Mode: 10mA; Sleep Mode: <60uA
Battery Life	800 working hours continuous operation
Operating Distance	10M without signal disturbance and no direction limit

Mouse

Dimension	59.2 x 103.6 x 34.8mm
Weight	~68g excluding batteries
Batteries	Two (2) AAA alkaline
Operating Voltage	2.0V~3.2VDC
Power Consumption	<8.5mA @3V
Battery Life	150 working hours continuous operation
Operating Distance	10M without signal disturbance and no direction limit

Limited Warranty

InFocus Limited Warranty For InFocus Branded Hardware Products Only

LIMITED WARRANTY. InFocus's warranty obligations for the hardware products are limited to the terms set forth herein. InFocus warrants the InFocus-branded hardware products against defects in materials and workmanship under normal use for a period outlined in the Limited Warranty Periods section below from the date of retail purchase by the original end-user purchaser ("Warranty Period"). The Warranty Period starts on the date of purchase. Your dated sales or delivery receipt, showing the date of purchase of the product, is your proof of the purchase date. You may be required to provide proof of purchase and proof that the product was purchased new as a condition of receiving warranty service. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, InFocus will either (1) repair the hardware defect at no charge, using new parts or refurbished parts that are equivalent to new in performance and reliability, (2) exchange the product with a product that is new or refurbished that is equivalent to new in performance and reliability and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product. InFocus may request that you replace defective parts with customer-installable new or refurbished parts that InFocus provides in fulfillment of its warranty obligation ("Customer Self Repair"). A replacement product or part, including a Customer Self Repair part that has been installed in accordance with instructions provided by InFocus, assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes InFocus's property. Parts provided by InFocus in fulfillment of its warranty obligation must be used in products for which warranty service is claimed. When a refund is given, the product for which the refund is provided must be returned to InFocus and becomes InFocus's property. This is your exclusive remedy for defective products.

Limited Warranty Periods are as follows:

- LCD Thin Tablet Device and Remote Product Limited Warranty Period: one (1) year from date of purchase.
- Accessory Product Limited Warranty Period: ninety (90) days from date of purchase.

The Accessory Product Limited Warranty covers the accessory items only and excludes normal wear and tear.

Remanufactured Products and Software Products are exempt from the foregoing Limited Warranty. Please refer to the appropriate Remanufactured Product Limited Warranty or Software Product Limited Warranty for applicable Warranty information.

EXCLUSIONS AND LIMITATIONS. This Limited Warranty applies only to the hardware products manufactured by or for InFocus, and sold by InFocus, its worldwide subsidiaries, authorized resellers or country distributors, that can be identified by the "InFocus" trademark, trade name, or logo affixed to it, and to required firmware. The Limited Warranty does not apply to any non-InFocus hardware products or peripherals external to the InFocus-branded hardware products (including but not limited to external storage subsystems, displays, printers, speakers or other peripherals), or to any software applications or programs, even if packaged or sold with the InFocus hardware. Manufacturers, suppliers, or publishers of products, software or peripherals, other than InFocus, may provide their own warranties to the end user purchaser, but InFocus, in so far as permitted by law, provides their products "AS IS" without the InFocus Limited Warranty. Software distributed by InFocus with or without the InFocus brand name (including, but not limited to system software) is not covered under this Limited Warranty. Refer to the licensing agreement accompanying the software for details of your rights with respect to its use.

InFocus does not warrant that the operation of the products will be uninterrupted or error-free. InFocus is not responsible for damage arising from failure to follow instructions relating to the products' use.

INFOCUS IS NOT RESPONSIBLE FOR DAMAGE TO OR LOSS OF ANY PROGRAMS, DATA, OR REMOVABLE STORAGE MEDIA. INFOCUS IS NOT RESPONSIBLE FOR THE RESTORATION OR REINSTALLATION OF ANY PROGRAMS OR DATA OTHER THAN SOFTWARE INSTALLED BY INFOCUS WHEN THE PRODUCT IS MANUFACTURED.

To enable InFocus to provide the best possible support and service during the Limited Warranty Period, you will be required to:

- Maintain a proper and adequate environment, and use the InFocus hardware products in accordance with the instructions furnished.
- Verify configurations, load most recent firmware, install software patches, run InFocus diagnostics and utilities, and implement

temporary procedures or workarounds provided by InFocus while InFocus works on permanent solutions.

- Allow InFocus to keep resident on your systems or sites certain system and network diagnosis and maintenance tools to facilitate the performance of warranty support (collectively referred to as “Proprietary Service Tools”); Proprietary Service Tools are and remain the sole and exclusive property of InFocus.

Additional Limitations:

- Products external to the system processor (CPU) box, such as external storage subsystems, printers and other peripherals, are covered by the applicable warranty for those products or options.
- An effective repair does not necessarily require the replacement of a defective part. For example, cleaning the heads of a floppy drive or updating revision levels of ROM BIOS on a PCA board are activities that in many instances deliver an effective repair.
- BIOS/Firmware upgrades are not covered under the Limited Warranty. Firmware that is an integral part of the option hardware board is not automatically upgraded when new versions of firmware are released.
- It is the responsibility of the customer to ensure that their software is compatible with the latest BIOS/firmware revision.

This Limited Warranty does not apply: (a) to consumable or expendable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship; (b) to cartons, carrying cases, shipping cases, external cabinets, accessories used in connection with the product; (c) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (d) to damage caused by use with non-InFocus products; (e) to damage caused by accident, abuse, misuse, improper ventilation, smoke exposure, contamination, improper or inadequate maintenance, cleaning or calibration, liquid contact, unusual physical or electrical stress and/or power surges, virus infection, fire, earthquake, disaster, lightning or other external causes; (f) to damage caused by operating the product outside the permitted or intended uses or usage parameters described by InFocus (including burned monitor screens and incorrect input voltage); (g) to damage caused by service (including upgrades and expansions) performed by anyone other than a representative of InFocus or an InFocus Authorized Service Provider (“ASP”) or your own installation of customer-installable parts as instructed by InFocus; (h) to a product or part that has been modified to alter functionality or capability without the written permission of InFocus (including use of an unauthorized mount); (i) to defects caused by normal wear and tear or otherwise due to the normal aging of the product; (j) to failure to follow maintenance procedures as outlined in the product user documentation including where a schedule is specified for regular cleaning of certain parts (based on usage and environment); (k) to loss or damage in transit; or (l) if the product is not used under normal operating conditions which are defined as use not in excess of 16 hours continuously per day with a minimum 8 hour period of continuous rest in the powered off state; or (m) if any InFocus serial number has been removed or defaced. In addition, LCD burn-in as a result of excessive display of static images on the product is not covered under the terms of this Limited Warranty.

Important: Do not open the hardware products unless otherwise directed by InFocus for the purposes of a Customer Self Repair (CSR). Opening the hardware products may cause damage that is not covered by this Limited Warranty. Only InFocus or an ASP should perform service on the hardware products.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, INFOCUS SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF INFOCUS CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTY AND TO THE REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY INFOCUS IN ITS SOLE DISCRETION. NO INFOCUS RESELLER, AGENT, OR EMPLOYEE IS AUTHORIZED TO MAKE ANY MODIFICATION, EXTENSION, OR ADDITION TO THIS WARRANTY. IF ANY TERM IS HELD TO BE ILLEGAL OR UNENFORCEABLE, THE LEGALITY OR ENFORCEABILITY OF THE REMAINING TERMS SHALL NOT BE AFFECTED OR IMPAIRED.

EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, INFOCUS IS NOT RESPONSIBLE FOR

DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, COMPROMISE OR CORRUPTION OF DATA; OR ANY INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE HOWSOEVER CAUSED INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY, ANY COSTS OF RECOVERING, PROGRAMMING OR REPRODUCING ANY PROGRAM OR DATA STORED IN OR USED WITH THE INFOCUS PRODUCT AND ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF DATA STORED ON THE PRODUCT. THE FOREGOING LIMITATION SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CLAIMS, OR ANY STATUTORY LIABILITY FOR INTENTIONAL AND GROSS NEGLIGENT ACTS AND/OR OMISSIONS. INFOCUS DISCLAIMS ANY REPRESENTATION THAT IT WILL BE ABLE TO REPAIR ANY PRODUCT UNDER THIS WARRANTY OR MAKE A PRODUCT EXCHANGE WITHOUT RISK TO OR LOSS OF PROGRAMS OR DATA.

LIMITATION ON BRINGING ACTION: NO ACTION, REGARDLESS OF FORM, ARISING OUT OF THE AGREEMENT TO PURCHASE THE PRODUCT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS ACCRUED. **GOVERNING LAW:** ANY ACTION, REGARDLESS OF FORM, ARISING OUT OF THE AGREEMENT TO PURCHASE THE PRODUCT IS GOVERNED BY THE LAWS OF THE STATE OF OREGON, U.S.A. **MANDATORY ARBITRATION** – ANY ACTION, REGARDLESS OF FORM, ARISING OUT OF THE AGREEMENT TO PURCHASE THE PRODUCT IS SUBJECT TO MANDATORY ARBITRATION.

ADDITIONAL RIGHTS. FOR CUSTOMERS, WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES PROVIDED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. THIS WARRANTY DOES NOT EXCLUDE, LIMIT OR SUSPEND ANY RIGHTS OF CONSUMERS ARISING OUT OF NONCONFORMITY WITH A SALES CONTRACT. SOME COUNTRIES, STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION MAY LAST, SO THE LIMITATIONS OR EXCLUSIONS DESCRIBED BELOW MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY BY COUNTRY, STATE OR PROVINCE. INFOCUS, THE WARRANTOR UNDER THIS LIMITED WARRANTY, IS IDENTIFIED AT THE END OF THIS DOCUMENT.

EXTENDED WARRANTIES. InFocus extended product warranties are available for an additional charge. For further information on InFocus extended product warranties, please contact InFocus or your product reseller.

OBTAINING WARRANTY SERVICE. Please access and review the online help resources located at www.infocus.com/support before seeking warranty service. If the product is still not functioning properly after making use of these resources, please contact InFocus Technical Support or, if applicable, an ASP using the information provided below. When contacting InFocus via telephone, other charges may apply depending on your location. When calling, InFocus Technical Support or an ASP will help determine whether your product requires service and, if it does, will inform you how InFocus will provide it. You must assist in diagnosing issues with your product and follow InFocus's warranty processes. InFocus may restrict service to the country where InFocus or its Authorized Distributors originally sold the hardware product. InFocus will provide warranty service either (i) at an ASP location, where service is performed at the location, or the ASP may send the product to an InFocus repair service location for service, (ii) by sending you prepaid way bills (and if you no longer have the original packaging, InFocus may send you packaging material at your cost) to enable you to ship the product to an InFocus repair service location, or (iii) by sending you customer-installable new or refurbished replacement parts to enable you to conduct Customer Self Repair, or (iv) by exchanging the product for a new or refurbished replacement.

Customer Self Repair

InFocus products are designed with many Customer Self Repair (CSR) parts to minimize repair time and allow for greater flexibility in performing defective parts replacement. If during the diagnosis period, InFocus identifies that the repair can be accomplished by the use of a CSR part, InFocus will ship that part directly to you for replacement. There are two categories of CSR parts:

- Parts for which customer self repair is mandatory. If you request InFocus to replace these parts, you will be charged for the travel and labor costs of this service.
- Parts for which customer self repair is optional. These parts are also designed for customer self repair. If, however, you require that InFocus replace them for you, this may be done at no additional charge under the type of warranty service designated for your product.

Based on availability and where geography permits, InFocus will attempt to ship CSR parts out the next business day. Customer receipt will vary based upon the actual part, customer location and shipping method. Next day, same-day or four-hour delivery may be offered at an additional charge where geography permits. If assistance is required, you can call the InFocus Technical Support Center and a technician will help you over the phone. InFocus specifies in the materials shipped with a replacement CSR part whether a

defective part must be returned to InFocus. In cases where it is required to return the defective part to InFocus, you must ship the defective part back to InFocus within a defined period of time, normally five (5) business days, and clearly display the Return Material Authorization (RMA#) on the outside of the shipping carton or a similar package affording an equal degree of protection. The defective part must be returned with the associated documentation in the provided shipping material. Failure to return the defective part may result in InFocus charging you for the replacement. With a Customer Self Repair, InFocus will pay all shipping and part return costs and determine the courier/carrier to be used.

InFocus may utilize a doorstep swap process, which involves an InFocus delivery person delivering the replacement product or CSR part to the Customer and picking up the defective product or part at the time of delivery for return to InFocus. Upon receipt of the replacement product or part, the original product or part becomes the property of InFocus and you agree to follow instructions, including arranging the return of original product or part to InFocus in a timely manner. When providing a product exchange or Customer Self Repair (CSR) part requiring the return of the original product or part, InFocus may require a credit card authorization as security for the retail price of the replacement product or part and applicable shipping costs. When returning product to InFocus, a Return Material Authorization Number (RMA #) is required and must be clearly displayed on the outside of the shipping carton or a similar package affording an equal degree of protection. Service options, parts availability and response times may vary according to the country in which service is requested. Service options are subject to change at any time. You may be responsible for shipping and handling charges if the product cannot be serviced in the country in which service is requested. If you seek service in a country that is not the country of original purchase, you will comply with all applicable import and export laws and regulations and be responsible for all custom duties, V.A.T. and other associated taxes and charges. Where international service is available, InFocus may repair or exchange defective products and parts with comparable products and parts that comply with local standards. In accordance with applicable law, InFocus may require that you furnish proof of purchase details and/or comply with registration requirements before receiving warranty service. Resources with more details on this and other matters on obtaining warranty service are described below.

PRIVACY. InFocus will maintain and use customer information in accordance with the InFocus Privacy Policy available at www.infocus.com/privacy and InFocus's applicable legal obligations.

BACKUP. If your product is capable of storing software programs, data and other information, you should protect its contents against possible operational failures. Before you deliver your product for warranty service it is your responsibility to keep a separate backup copy of the contents, remove all personal information and data that you want to protect and disable any security passwords. THE CONTENTS OF YOUR PRODUCT WILL BE DELETED AND THE STORAGE MEDIA REFORMATTED IN THE COURSE OF WARRANTY SERVICE. Your product or a replacement product will be returned to you as your product was configured when originally purchased, subject to applicable updates. InFocus may install system software updates as part of warranty service that will prevent the hardware from reverting to an earlier version of the system software. Third party applications installed on the hardware may not be compatible or work with the hardware as a result of the system software update. You will be responsible for reinstalling all other software programs, data and passwords. Recovery and reinstallation of software programs and user data are not covered under this Limited Warranty.

RESOURCES. Support and service information including Authorized Distributor and Authorized Service Provider locations is available at: www.infocus.com/support.

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