



INF6505 / INF6505AG IND6565 / IND6565AG

Hardware Guide



CONTENTS

Declaration of Conformity	3
Safety Considerations	4
What's Included	6
Setup	7
Mounting	7
Door removal	7
Connecting to other devices	8
Connecting AC power	11
External PC touchscreen control setup: IND6505 Only	11
Setting up the Wireless Keyboard: INF6565 Only	11
Turning the Display On/Off	11
Using the Remote	12
Using the Keypad	13
OSD (On-Screen Display) Menu System	14
Picture	15
Screen	16
Audio	17
PIP	18
Configuration 1	19
Configuration 2	20
Advanced option	21
Troubleshooting	22
Limited Warranty	24

DECLARATION OF CONFORMITY

Manufacturer: InFocus Corporation, 13190 SW 68th Parkway, Suite 200, Portland, Oregon 97223-8368 USA

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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.

Canada

This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

INFORMATION FOR OPTICAL POINTING DEVICES ONLY / INFORMATION POUR LES DISPOSITIFS DE POINTAGE OPTIQUE SEULEMENT

This product uses LEDs that are inherently Class 1. / Ce produit utilise des DEL qui sont, par nature, de classe 1.

Agency Approvals

See product certification label.

This document applies to regulatory model: D101

Part Number: 009-1746-00

Input ratings: AC 100-240V AC, 3.0A, 50-60Hz

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

SAFETY CONSIDERATIONS

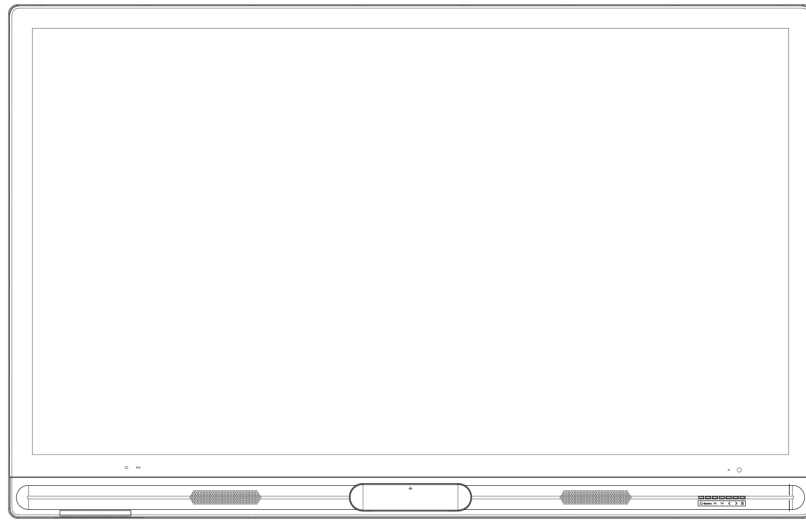


Please read and follow all safety instructions provided below and on the display before connecting the display to a power source. Failure to comply with safety instructions may result in fire, electrical shock, or personal injury and may damage or impair protection provided by the equipment. Please save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

- This display is very heavy and should be moved and installed by at least two individuals. Do not attempt to move or install the display yourself, otherwise injury and/or damage may occur.
- When moving the display, always hold the display firmly using the handles and side or bottom bezels. Do not hold the top bezel.
- When moving the display carton, do not tilt or invert the carton. Always keep it in an upright orientation.
- Disconnect all accessories and cables before moving the display.
- If the display is installed against the wall, maintain a distance of at least 1.98" (5cm) between the display 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 display.
- Locate the display at least 4' (1.2m) away from heating and cooling vents.
- Do not block ventilation openings. Locate the display in a well-ventilated area without obstructions to intake or exhaust vents.
- Do not install or use the display or speakers near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
- Do not place the display in direct sunlight, humid, greasy or dusty places or in places where the display may come into contact with rain, smoke or steam.
- The display 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 display, including the speakers, 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 display.
- Do not spill liquid on the display. Spilled liquid may damage the display.
- **WARNING:** This display 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 display should be readily accessible for fast disconnection in case of emergency.
- No naked flame source, such as lighted candles, should be placed on the display.
- 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 display be grounded.
- Do not install the display in places subject to mechanical vibration.
- Do not place the display on an unstable surface, which could result in serious personal injuries and display damage. When mounting the display 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 display.
- Unplug the display if you are not going to use it for an extensive period of time.
- Unplug the display if you need to clean it with the included micro-fiber 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 display.
- Wash hands after handling the cables supplied with this display.
- The display remote control uses batteries (not included). 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.

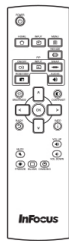
- Refer all service to qualified service personnel. Do not remove the cover or back. Servicing your own display can be dangerous to you and will void the warranty.
- Only use replacement parts specified by InFocus. Unauthorized substitutions may result in fire, electrical shock or injury and may void the warranty.
- When mounting the display 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 display.
- Follow these instructions to help ensure image quality over the life of the display. Failure to follow these instructions may affect the warranty.

WHAT'S INCLUDED

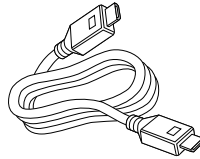


1920 x 1080 Display

INF6505/IND6565



Remote control
(batteries not included)



HDMI Cord



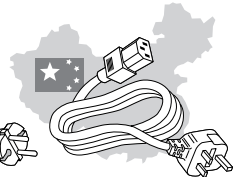
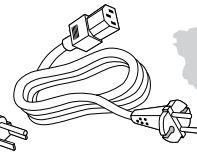
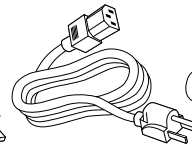
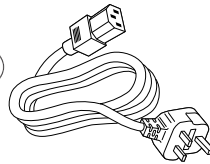
Safety/Warranty
Guide



Quick Start
Guide



Mylar Label

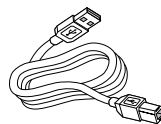


Power cord
(varies per country)

INF6505



Stylus



A to B USB
Cable

IND6565



Wireless keyboard with trackpad
(batteries not included)

SETUP

Mounting

This product does not ship with mounting accessories. Only use commercially manufactured mounting accessories which meet this product's specifications and follow the manufacturer installation instructions.

- 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.
- To prevent damage to the screen surface, carefully place your display face-down on a clean, cushioned surface.
- When mounting the display to a wall, metric 8 (12mm) screws must be used. Use spring washers to prevent the screws from coming loose. 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 display.
- Do not install the display in places subject to mechanical vibration.
- Do not place the display on an unstable surface, which could result in serious personal injuries and display damage. When mounting the display to a stand, be sure to following the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- **WARNING:** This display must be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the machine may cause injury or death.
- If the display is installed against the wall, maintain a distance of at least 1.98" (5cm) between the display and the wall to provide adequate ventilation.
- Do not install or use the display near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
- Do not place the display in direct sunlight, humid, greasy or dusty places or in places where the display may come into contact with rain, smoke or steam.

Door removal

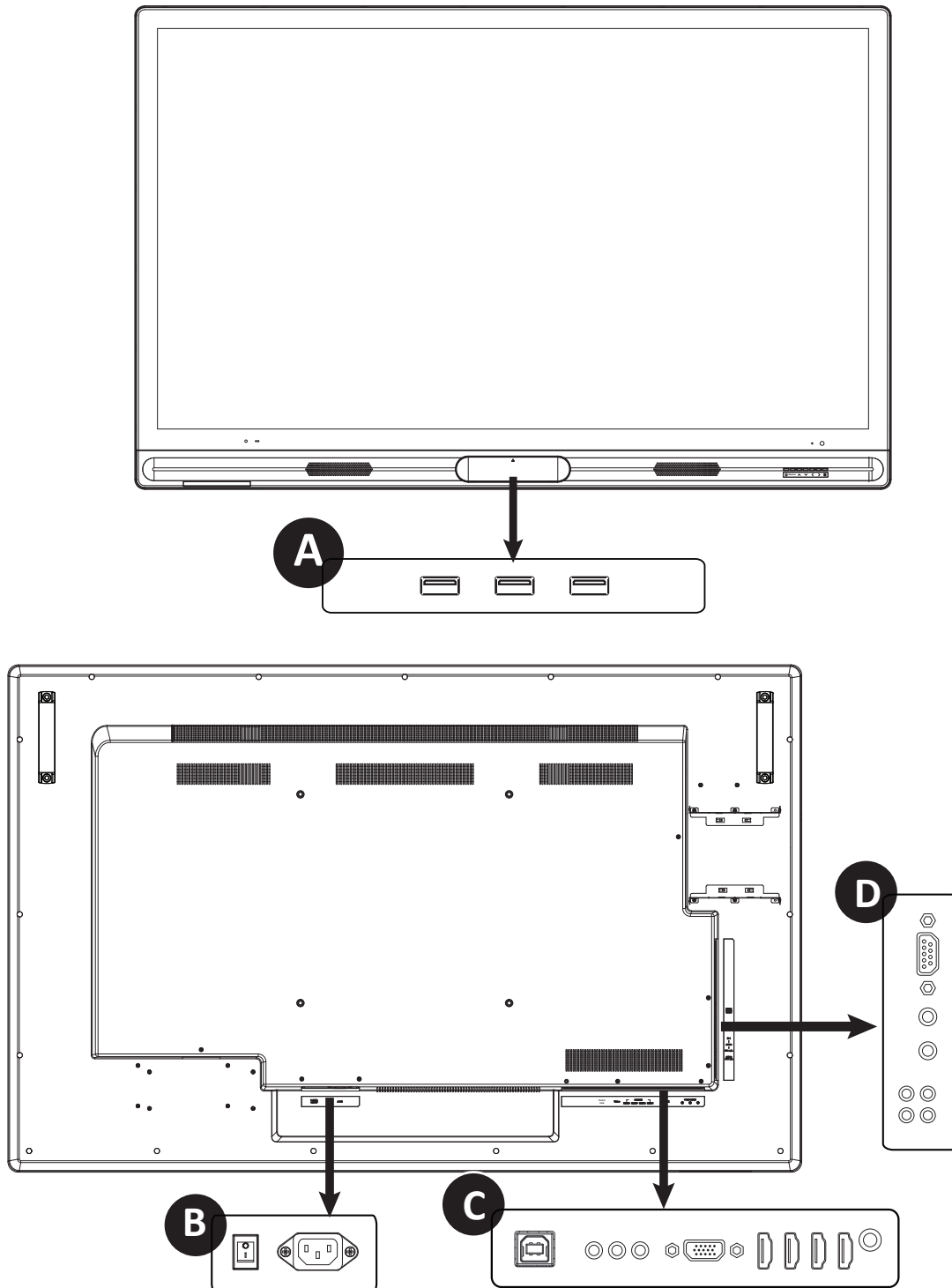
If desired, the door can be removed for easy access to the front connectors. Follow the instructions below.

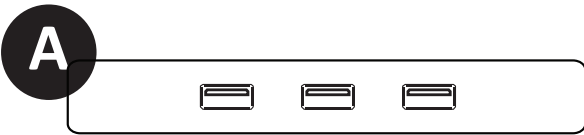
IMPORTANT: InFocus is not responsible for door breakage or for improper application of the mylar label.

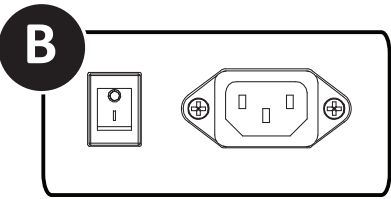
- 1) Press the top of the door to release the door.
- 2) Gently swing the door open, so that the door hinges are visible.
- 3) Carefully press the right side of the door towards the left to disengage the right hinge, and then slide the door slightly towards the right to disengage the left hinge.
- 4) Gently remove the door, and set aside.
- 5) Remove the back of the mylar label and carefully align the label over the connector panel before applying. If not aligned properly, the label can interfere with the connection ports.

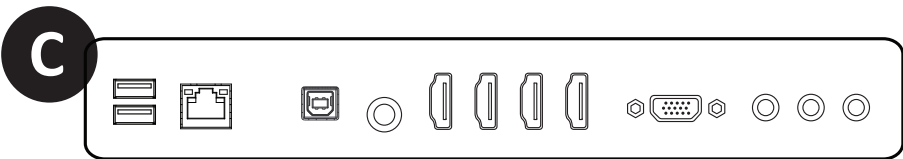
Connecting to other devices

A full range of digital and analog video inputs and audio source devices can be connected to the connection panels on the front, back, and side of the display. Available jacks include: HDMI In (4), PC In (1), Composite Video (1), Component RCA (1), RS232 (1), Audio In 3.5mm (1), Audio In RCA (1-R/L), USB for touch control (1), RJ45 (1), USB 2.0-A (4), Audio Out RCA (1-R/L). Also included is an Audio Line In to be used with the optional PC module and USB used with the embedded LightCast feature.



	
LightCast USB	Connect any USB device (such as a mouse, keyboard, USB thumb drive, etc.) to this USB Type A 2.0 connector for use with the embedded LightCast feature.
Source USB	Connect a USB thumb drive to this USB Type A 2.0 connector.
Source USB	Connect a USB thumb drive to this USB Type A 2.0 connector.

	
Power switch	Toggles power on and off.
Power input	Connect the power cord to the power input and to an electrical outlet.

	
Source USB	Connect a USB thumb drive to this USB Type A 2.0 connector. Used for firmware upgrades.
Source USB	Connect a USB thumb drive to this USB Type A 2.0 connector. Used for firmware upgrades.
RJ45	Connect to an ethernet network (10/100/1000 Mbps).
Touch USB	<p>INF6505: Connect a USB cable from the display to an external computer in order to use touchscreen gestures on the display, or connect to another display in order to use touchscreen gestures on dual screens.</p> <p>IND6565: This feature is not available on this model.</p>
VIDEO	Connect a composite video cable from the display to an external device (such as a VCR or DVD player).

HDMI 1 - 4	Connect an HDMI cable from the display to an HDMI external device (such as a VCR or DVD player).
VGA	Connect a VGA computer cable from the display to an external computer.
COMPONENT	Connect a component RCA video cable from the display to an external device (such as a DVD player, HDTV device, or Laser Disc player) (YPbPr) signals.

	RS232	Connect to an RS232 control device for remote control applications.
	PC LINE IN	Connect a 3.5mm audio cable to deliver line in audio directly to the PC Module. Note: Port is only active with optional PC module.
	AUDIO IN1	Connect a 3.5mm audio cable to an external device (e.g., iPod player).
	AUDIO IN2	Connect an RCA L/R audio cable to an external device.
	AUDIO OUT	Connect an RCA L/R audio cable to external stereo speakers.

Connecting AC power

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

NOTES:

- Your display 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 display for an extended period of time.

External PC touchscreen control setup: IND6505 Only

- 1) Connect an external computer to the display using a HDMI, or VGA cable.
- 2) Connect a USB cable from the USB-A jack on the source computer to the display. Connect to the USB Touch jack on the back of the display.
- 3) The computer can now be controlled by using touchscreen gestures on the display.

Setting up the Wireless Keyboard: INF6565 Only

NOTE: The wireless 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 display's USB ports.

- 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) If the keyboard is not auto-detected, press the **CONNECT** button on the top of the keyboard and hold it for one second to allow the keyboard to bind with the dongle.

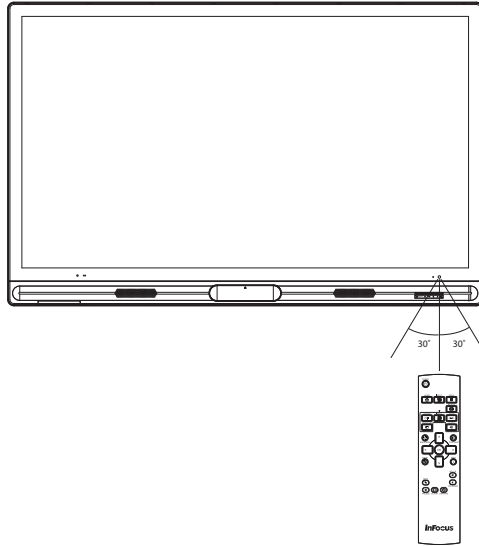
TURNING THE DISPLAY ON/OFF

- 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 display.

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

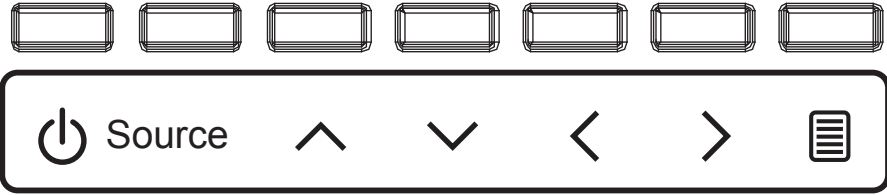


CAUTION:

- 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.

USING THE KEYPAD

The keypad, located on the front of the display, has the following buttons:


<p>Power button: If the display is off, pressing the Power button turns the display on. If the display is on and the Power button is pressed for less than four seconds, the display goes into standby. If the display is on and the Power button is pressed for more than four seconds, the display turns off.</p>
<p>Source button: Turns the Source menu on allowing the user to change sources. Saves changes/selections if the OSD menu is on.</p>
<p>^ button: Moves the highlight bar up when the OSD or Source menu is on.</p>
<p>v button: Moves the highlight bar down when the OSD or Source menu is on.</p>
<p>< button: When the OSD menu is on, this button decreases the value of selected OSD items. When the OSD menu is off, this button decreases the audio volume.</p>
<p>> button: When the OSD menu is on, this button increases the value of selected OSD items. When the OSD menu is off, this button increases the audio volume.</p>
<p>Menu button: Turns the OSD menu on and off.</p>

OSD (ON-SCREEN DISPLAY) MENU SYSTEM

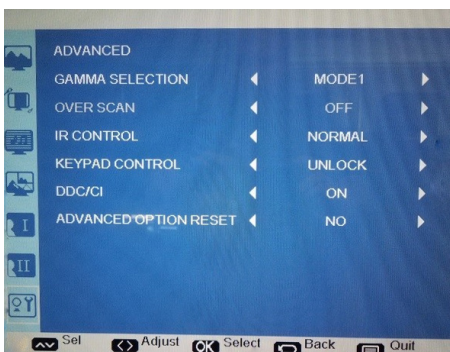
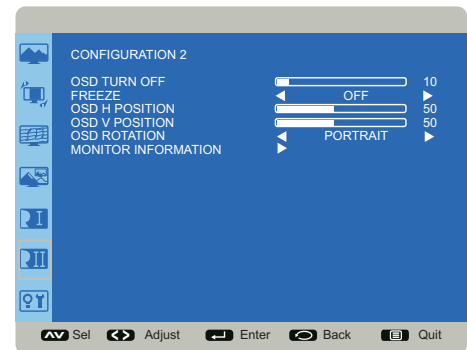
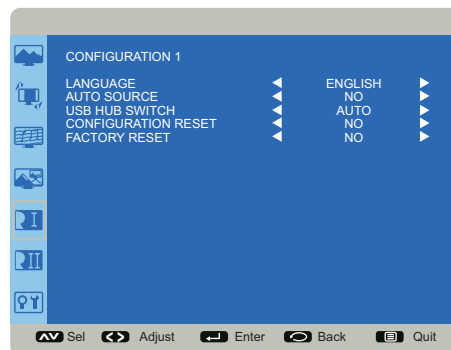
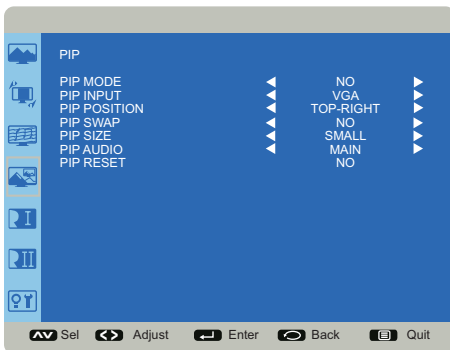
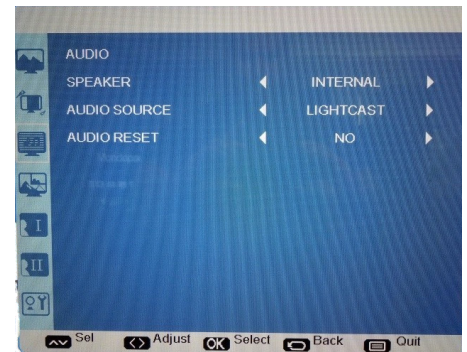
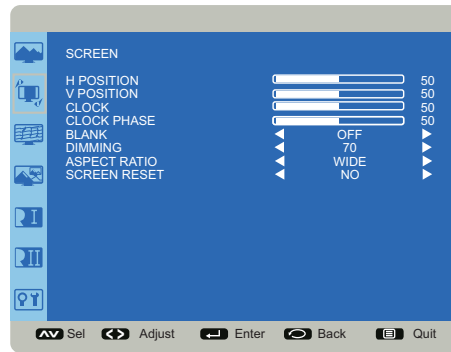
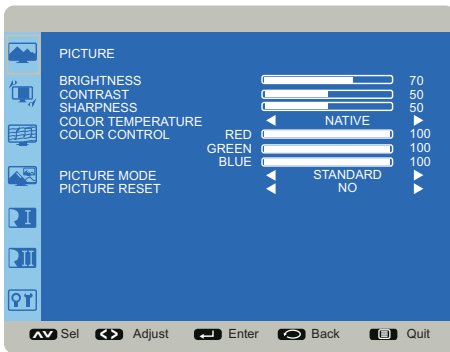
The OSD provides the user the ability to control the display.

To access the OSD, press the **Menu** button on the remote or the keypad located on the right-hand side of the display.

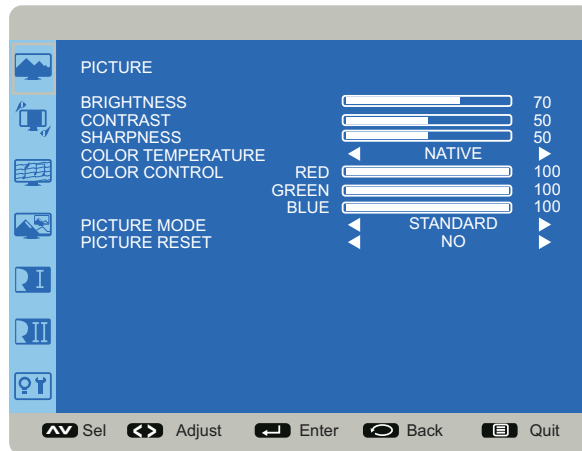
Use the up and down arrows on the remote or keypad to scroll through the menu options and press **OK** to enter the highlighted menu. Use the up and down arrows and **OK** button to select the item you would like to adjust. Left and right arrow buttons are used to make adjustments.

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.



Picture



Brightness: changes the intensity of the image. Range: 0-100. (Default 70.)

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. Range: 0-100. (Default 50.)

Sharpness: changes the clarity of the edges of a video image. Range: 0-100. (Default 50.)

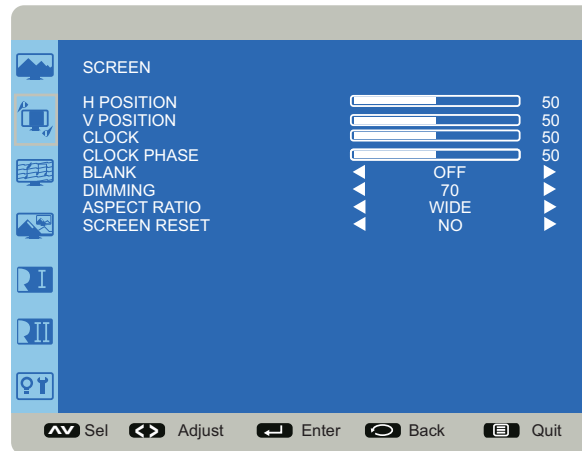
Color Temperature: changes the intensity of the colors. Options include: Native (default), User, 6500K, and 9300K.

Color Control: allows the user to finely adjust individual red, green and blue colors. Color Temperature must be set to User to access this feature. Range: 0-100 for each color.

Picture Mode: provides different preset picture modes to choose from. Options include: Standard (default), HighBright, and Soft.

Picture Reset: resets all Picture menu items to factory default settings. Options: Yes and No.

Screen



H Position: adjusts the horizontal position of the image. Range: 0-100. (Default 50.)

V Position: adjusts the vertical position of the image. Range: 0-100. (Default 50.)

Clock: adjusts the width of the image (For VGA input only). Range: 0-100. (Default 50.)

Clock Phase: adjusts the focus, clarity and stability of the image (For VGA input only). Range: 0-100.

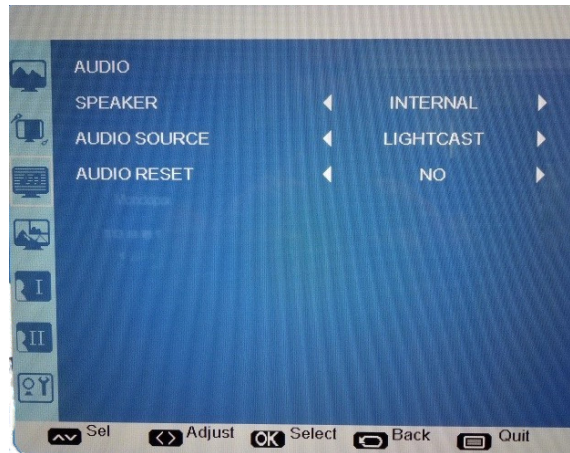
Blank: When enabled, a blank black screen displays. Options: On and Off. (Default Off.)

Dimming: Adjusts brightness level. Options: 10, 30, 70 or 100. (Default 70.)

Aspect Ratio: adjusts the ratio of the image width to image height. Options: 4:3 and Wide. (Default Wide.)

Screen Reset: resets all Screen menu items to factory default settings. Options: Yes and No.

Audio

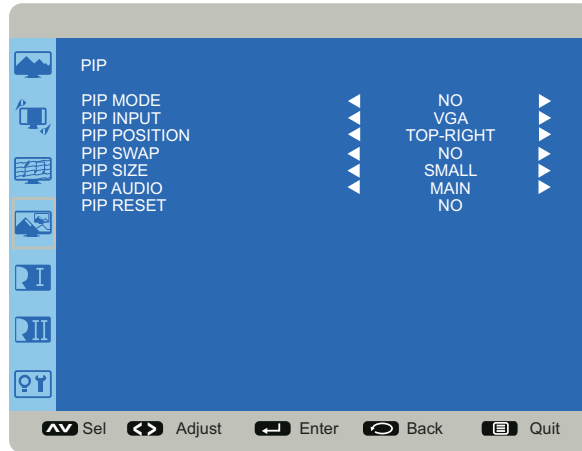


Speaker: controls whether both the internal and external speakers (sound bar, etc.) or just external speakers are used. Options include: Internal (both internal and external speakers operate) and External (only external speakers operate). Default Internal.

Audio Source: selects the audio input source. Options include: HDMI 1, HDMI 2, HDMI 3, HDMI 4, Lightcast, Audio 1, Audio 2, PC and PC Speaker. Note: PC and PC Speaker are only available when the optional PC module is installed.

Audio Reset: resets all Audio menu items to factory default settings. Options: Yes and No.

PIP



PIP Mode: enables or disables Picture-in-Picture mode. Options include: Yes and No.

PiP Input: selects the source input for the PiP window. Options include: Video, component, VGA, HDMI1, HDMI2, HDMI3, HDMI4, HDMI5, PC.

PiP Position: moves the PiP window position. Options include: Top-right, Top-left, Bottom-right, Bottom-left.

PiP Swap: switches the source in the main and the PiP windows. Options include: Yes and No.

PIP Size: changes the size of the PiP window used in the Corner-to-Corner configuration. Options include: Small (default), Middle and Large.

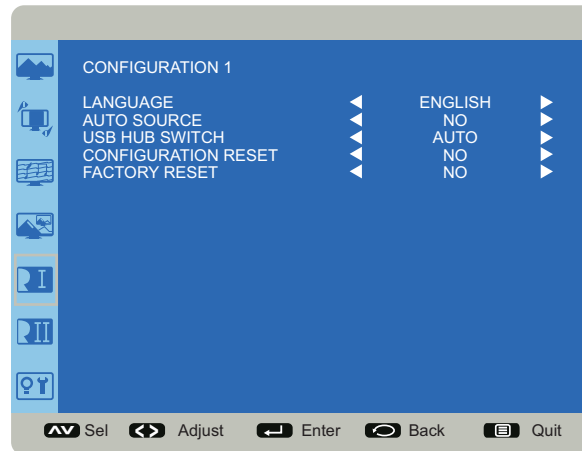
PIP Audio: switches the audio source from the main source to the PiP source. Options include: Main (default) and Sub.

PIP Reset: resets all PIP menu items to factory default settings. Options: Yes and No.

The PiP feature allows the user to display two distinct sources simultaneously on the display. These are the supported combinations and configurations. Note: PC is only supported when the optional PC module is installed.

Input	Video	Component (YPrPb)	VGA	HDMI1	HDMI2	HDMI3	HDMI4	HDMI5	PC
Video		✓	✓	✓	✓	✓	✓	✓	✓
Component (YPrPb)	✓			✓	✓	✓	✓	✓	✓
VGA	✓			✓	✓	✓	✓	✓	✓
HDMI1	✓	✓	✓			✓	✓	✓	✓
HDMI2	✓	✓	✓			✓	✓	✓	✓
HDMI3	✓	✓	✓	✓	✓			✓	✓
HDMI4	✓	✓	✓	✓	✓			✓	✓
HDMI5	✓	✓	✓	✓	✓	✓	✓		✓
PC	✓	✓	✓	✓	✓	✓	✓	✓	

Configuration 1



Language: switches the OSD menu language.

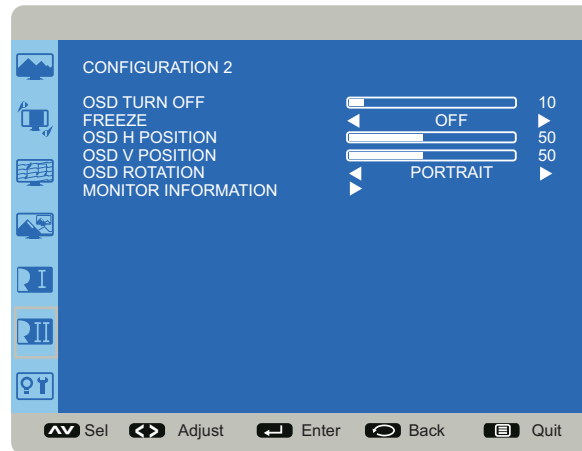
Auto Source: When enabled, automatically searches for an active source. If no source is detected, the display will revert to the previously active source. If Auto Source is disabled, the display will stay on the last selected source regardless of whether an active source is detected or not. Options: Yes and No (default).

USB Hub Switch: allows the user to use the touch functions from an input source exclusively or to allow the display to switch automatically depending on whether input source is connected or not. Options: Auto (default), PC (available when the PC module is installed), LightCast, and External.

Configuration Reset: resets all Configuration 1 and Configuration 2 menu items to factory default settings. Options: Yes and No.

Factory Reset: resets all menu items to factory default settings. Options: Yes and No.

Configuration 2



OSD Turn Off: controls how many seconds the OSD menu remains on the screen Range: 5-120 (seconds). (Default: 10)

Freeze: When enabled, freezes the image which is currently displayed. Options: On and Off (default).

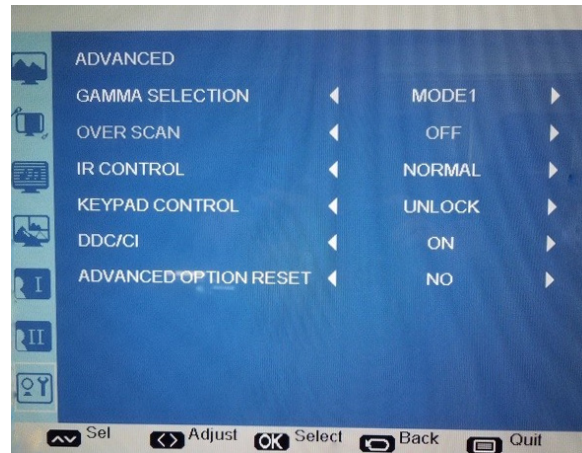
OSD H Position: adjusts the horizontal position of the OSD menu. Range: 0-100. (Default: 50)

OSD V Position: adjusts the vertical position of the OSD menu. Range: 0-100. (Default: 50)

OSD Rotation: rotates the image to either a landscape or portrait mode. Options include: Portrait and Landscape.

Display Information: This read-only submenu displays the model name, serial number, operation hours, and software version.

Advanced option



Gamma Selection: adjusts the gamma value of the image and optimizes image brightness and contrast. Options include: Mode 1, Mode 2, Mode 3.

Over scan: removes noise around the edges of a video image. Options include: On and Off (default).

IR Control: disables and enables the IR sensor on the display. Options include: Normal (default; IR is enabled) and Lock (IR is disabled).

Keypad Control: disables and enables the keypad on the right-hand side of the display. Options include: Lock (keypad is disabled) and Unlock (default; keypad is enabled).

DDC/CI: enables and disables DDC/CI communication. Options include: On (default) and Off.

Advanced Option Reset: resets all Advanced Option menu items to factory default settings. Options: Yes and No.

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 display. • 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 green). • Plug another electrical device to the power outlet to verify that the outlet is supplying the proper voltage.
The display shuts down suddenly	<ul style="list-style-type: none"> • Verify that a source is active. • The display may have overheated. Remove any objects blocking the vents.
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 display is turned on (the front LED should be green).
No image from external source	<ul style="list-style-type: none"> • Verify that connections between the source and the display 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 display.
The colors on the display do not look right	<ul style="list-style-type: none"> • Adjust the color settings in the Picture menu. • Reset the picture settings. • Verify that connections between the source and the display have been made correctly. • Verify that the cables are in good condition.
INF6505: 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 display correctly. • Verify that the laptop’s operating system is Windows® 7 or later. (The display touchpad does not support any other operating systems.)
INF6505: Touchpad functions are not functioning consistently	<ul style="list-style-type: none"> • Remove all objects placed on the lip of the display and/or within 2” of the touchpad screen. • Disable the PiP feature. • Power the display off and back on after a few seconds. Re-booting the display 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.
Audio noise	<ul style="list-style-type: none"> • Noise can occur when infrared communication equipment (for example, infrared cordless headphones) is used near the display. Move the infrared communication equipment away from the display to eliminate the noise.

No sound	<ul style="list-style-type: none"> • If using external speakers, verify that the speakers are connected properly and that the speaker power switch is turned on. • If internal speakers are the only speakers being used, verify that the Audio menu Speaker setting is set to Internal. • If using an external source, such as component, verify that an audio cable is correctly installed between the device and the display. • 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.
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LED Indicators

FRONT LED (near IR sensor)	SOLUTION
Orange	<ul style="list-style-type: none"> • The display is asleep. Press the Power button on the remote or keypad.
Red	<ul style="list-style-type: none"> • The display is in standby mode. Press the Power button on the remote or keypad.
Green	<ul style="list-style-type: none"> • The display is powered on.
Off	<ul style="list-style-type: none"> • The system does not have power. 1) Verify the power cord is properly connected to the power outlet and to the display; 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.

For additional troubleshooting support, please contact:

InFocus Corporation - Technical Support

6AM - 5PM PST

877-388-8385

www.infocus.com/support

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 vary depending on your product model and the country of purchase. To review the warranty period associated with your product model, please refer to the product specifications information on www.infocus.com. By inputting your product model in the Quick Search box on the website, you will find warranty terms in the Specifications matrix.

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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 work-around 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 display 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.

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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

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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 service 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.

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.

InFocus Corporation, 13190 SW 68th Parkway, Suite 200, Portland, OR 97223-8368 USA

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