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1 - (877) TWO - LCDS

Part No. 90-X-DS2700DW-EUEX03
Made in Korea



USER'S MANUAL

DoubleSight™ DS-2700DW LCD MONITOR

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www.doublesight.com

Specifications

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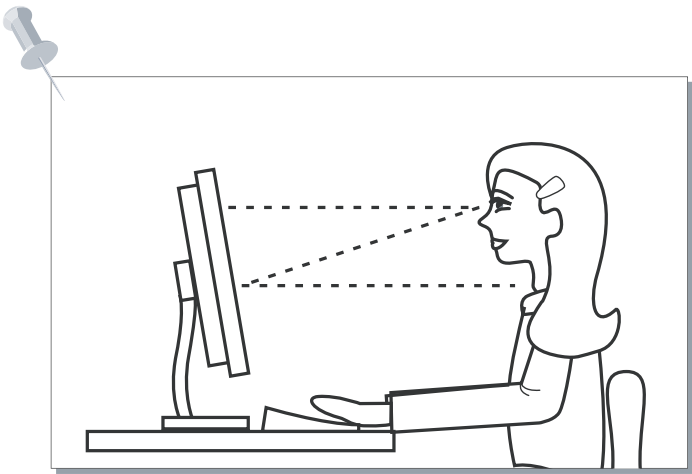
DoubleSight Displays
1-877-Two LCDS (1-877-896-5237)
info@doublesight.com

Placement/Product registration

Placement

Correct placement and adjustment of the monitor can reduce eye, shoulder, and neck fatigue. Check the following when you position the monitor.

Keep the top of the monitor screen slightly below eye level. Your eyes should look slightly downward when viewing the middle of the screen.



Position your monitor no closer than 16 inches no further away than 30 inches from your eyes. The optimal distance is 25 inches.

Product registration

DoubleSight Displays encourages registration of your product to facilitate any warranty repairs. However failure to register your product will not diminish or otherwise affect your warranty rights with respect to your product.

Get your product registration right now!

www.doublesight.com > support > service & repair > product registration

Safety Precautions

The contents of this section are intended to protect the user from danger and prevent physical accidents. Please read through the contents for proper use.

 Ignoring the safety precautions may lead to accidents causing injury or fatality and structural damage.

Cautions are categorized into two types, "Warning" and "Caution" depending on their level of importance.

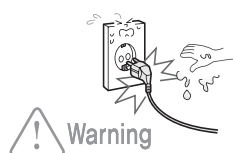
 **Warning** : May lead to accidents causing serious human injury

 **Caution** : May lead to minor accidents and damage

Do not use a damaged power cord or plug, or connect to a loose power outlet. Doing so may cause electric shock or fire.



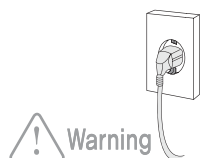
Do not pull the power cord when unplugging the power, and do not touch the power plug with wet hands. Doing so may cause electric shock or fire.



Connect the power plug to grounded power outlets only. Failure to do so may cause electric shock or injury.



Insert the power plug securely into the outlet. Insecure and unstable electrical contact may lead to fire.



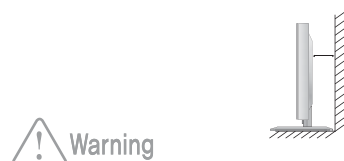
Do not bend the power cord excessively or allow the cord to be compressed under a heavy object. Doing so may cause electric shock or fire.



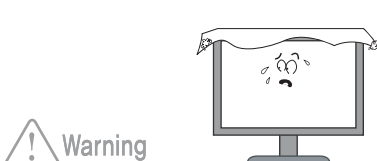
Do not connect more than one plug to a single wall outlet. Doing so may lead to fire.



Provide sufficient space between the monitor and the wall for ventilation (cooling). Overheating may lead to fire.



Make sure that the ventilation holes are not covered by fabrics, curtains, other clothes like material, etc.



Safety Precautions

Place the monitor on a firm flat surface and be careful when handling the monitor.

Mishandling the product may cause short circuits and damage the product or cause injury.



Do not place candles, lighted cigarettes, or other heat-radiating objects on the monitor or near the monitor.

Doing so may lead to fire.



Disconnect the power when cleaning the product.

Failure to do so may cause electric shock or fire.



Do not use flammable sprays or substances near the product.

Doing so may lead to explosion or fire.



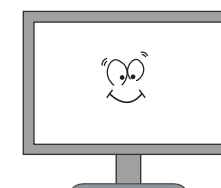
Do not place the product in a place where the ventilation is poor (eg. inside a cabinet).

Doing so may lead to fire.



Set the PC to match the resolution and frequency of the monitor.

Type - 19012061



 **Caution**

 Set the PC to activate power save mode (DPMS) when the monitor is not used for a while. Set the screen saver function and select a type that maintains motion in the whole screen.

Do not insert metallic objects into the ventilation holes. They may cause electric shock or fire.



Do not allow children to climb onto the product or hang on it. The product may fall over and cause serious injury.



Do not attempt to dismantle, repair, or modify the product yourself. This may cause fire or electrical failures.



Unplug the monitor when not using for a long period of time.
Dust build-up on the product (near the vents) may cause overheating and lead to fire. Use a dry soft cloth for cleaning purposes.

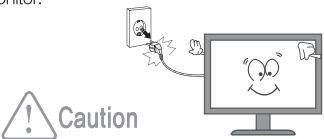


Carefully unplug the monitor if you see any signs of smoke or smell odor of burning. Contact the manufacturer for further information.

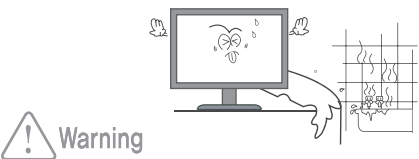


Use a soft dry cloth to clean the monitor, and unplug it before cleaning.

Do not use any chemical solutions on the monitor for cleaning purposes. Do not use a wet cloth on the monitor.



Do not spray water directly onto the product. It may cause electrical faults or fire.



Do not install the monitor where water (rain) drops can enter the enclosure, or where there is oil or humidity.

It may cause electrical faults, fire, or lead to damage to the monitor.



Clean any dirt, dust or water from the power plug contacts.

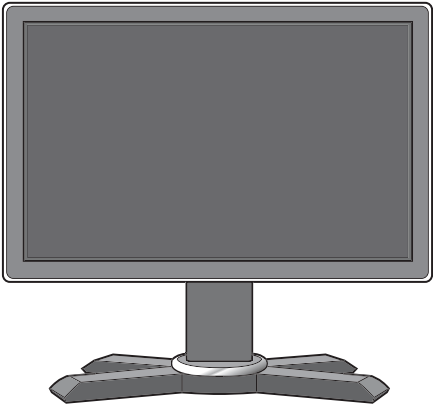
They may cause electrical faults or fire.



Package Contents

> Check if all the components are included in the package. Please contact your reseller if any components are missing.

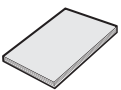
Actual components may look different from the pictures below.



LCD MONITOR



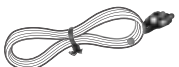
DVI-D Cable



Manual



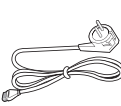
Screws x 6 + Wrench



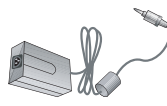
Audio Cable
(PC Input Cable)



VGA Cable

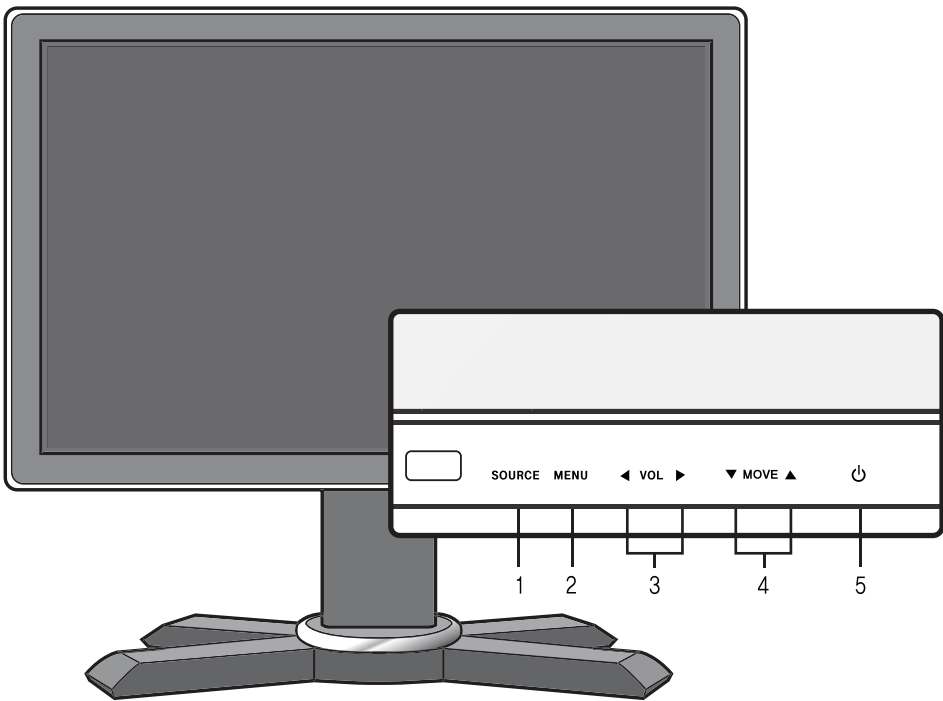


Power Cord



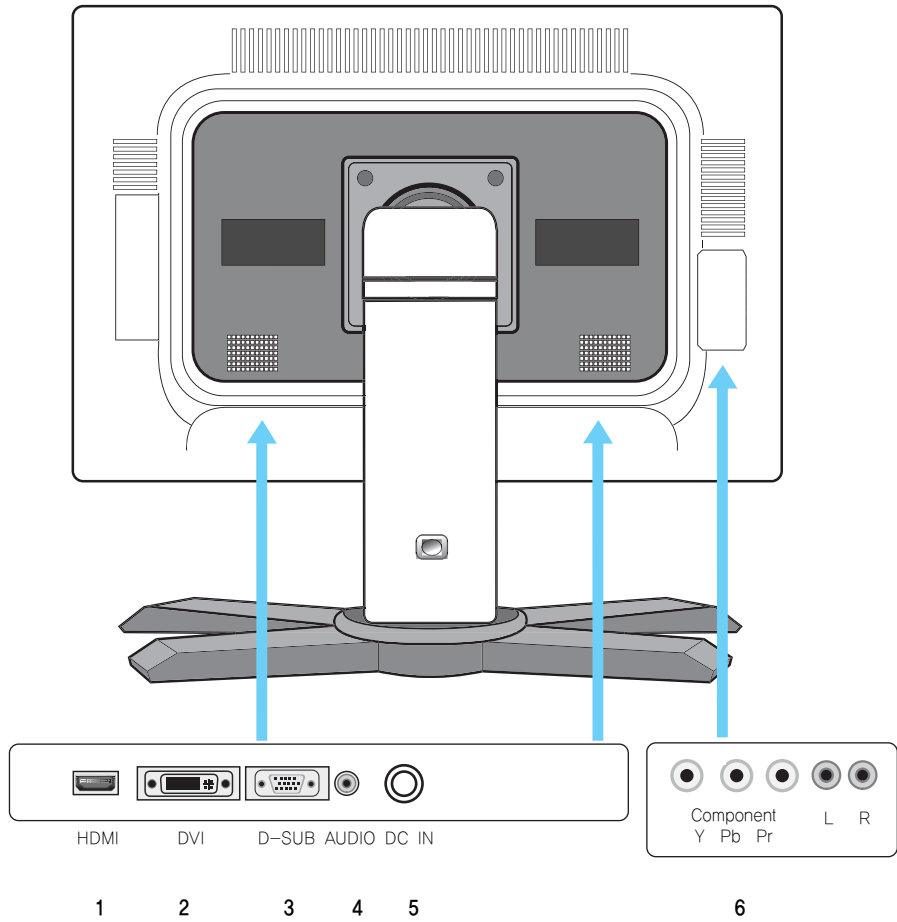
Adapter

Front



- 1. SOURCE : Closes selected OSD MENU window. (HOT key - Input selection)
- 2. MENU : Opens OSD MENU window. Select icons.
- 3. ◀ VOL ▶ : Controls volume.
- 4. ▼ MOVE ▲ : ▼- Moves the selection bar down. (HOT Key - automatic screen control)
Decreases value of selected icon.
▲- Moves the selection bar up. (HOT Key - screen size)
Increases value of selected icon.
- 5. ⏻ POWER : Power On/Off.

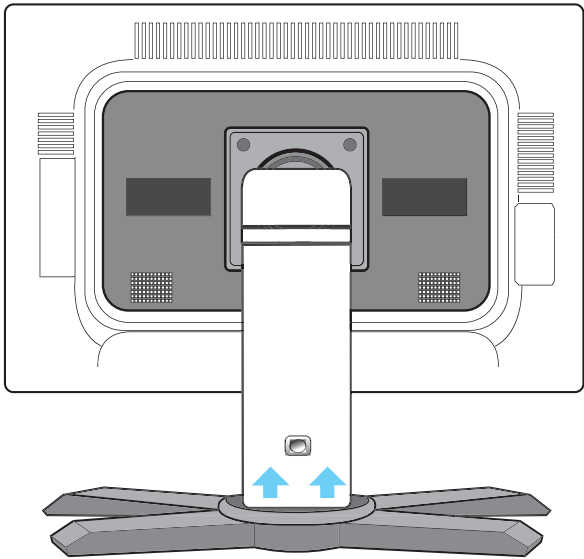
Rear



- 1. HDMI
- 2. DVI-D
- 3. D-SUB
- 4. AUDIO
- 5. DC IN
- 6. Component

Installing Base

1. Attach the base piece of stand to the upright portion as shown in diagram.

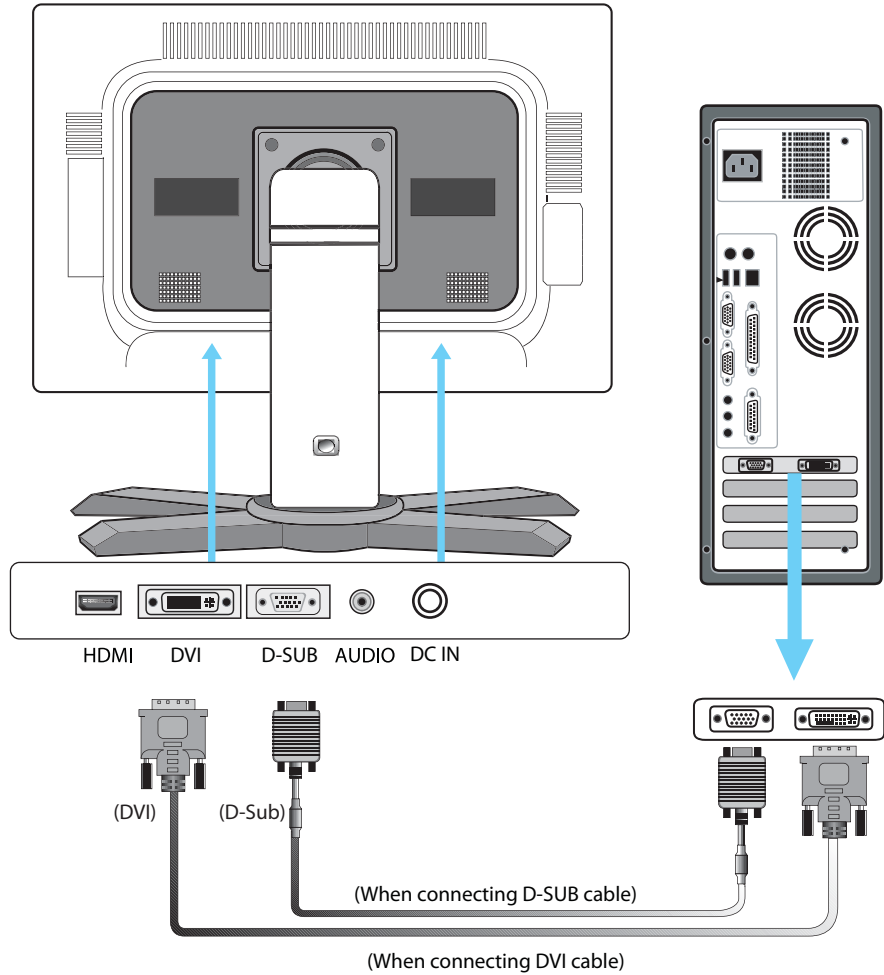


2. Secure the base with 6 screws (provided).



Computer connection

Please follow Computer manufacturer's directions when connecting the monitor to the computer.

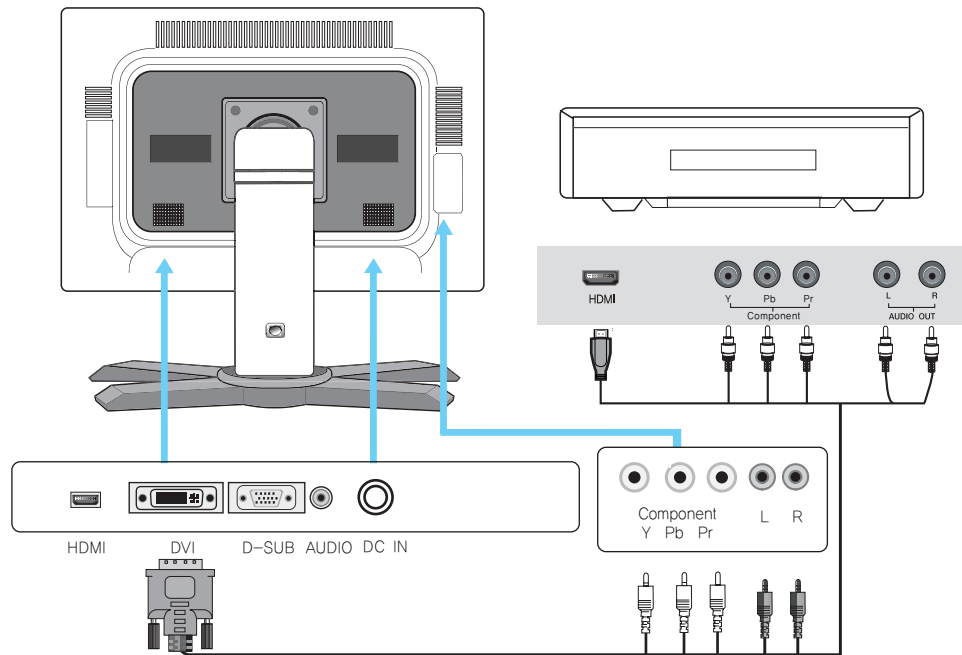


- Only one connections is required
- A DVI connection is recommended if available

Identifying & Selecting Inputs

Safety Warning

Please follow Game console manufacture's directions when connecting the monitor to the console.



Connecting to HDMI Console Port

Connect DVI Cable to Monitor's DVI Port

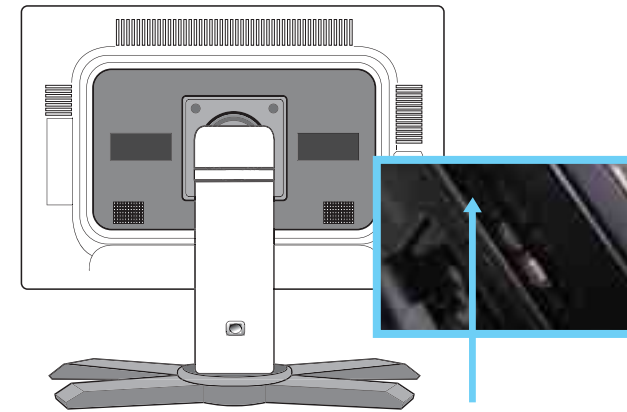
Connect HDMI connector to HDMI port on Console

Note: Using HDMI connection allows for High Definition where supported.

Connecting with Component cable

1. Please connect component cable to component terminal(Y,Pb,Pr) of LCD monitor and component input terminal of image device(DVD, set-top box, videogame console).

2. Please connect audio cable to audio input terminal of LCD monitor.



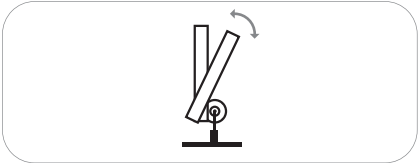
Safety Warning

- 1.Connect Power Supply Cable to Monitor prior to plugging into wall outlet.
- 2.Plugging Hot Cable into Monitor may cause damage to Monitor and Power Supply

OSD MENU			
Color controls video quality and color.	Contrast	controls contrast.	
	Brightness	controls brightness.	
	Color Adjust	controls user color.(usable when setting color temperature)	
	Color Temp	controls color temperature	cool,warm,user
Image Setting controls screen.	Clock	controls clock.	
	Phase	controls phase.	
	Sharpness	controls sharpness of screen.	
Position controls screen position	H.Position	controls horizontal position.	
	V.Position	controls vertical position.	
OSD menu controls OSD window	OSD H.Pos	controls horizontal position of OSD window.	
	OSD V.Pos	controls vertical position of OSD window.	
	OSD Timer	controls display time on OSD window.	
Language select user language	English	set language to English.	
	Français	set language to French.	
	Deutsch	set language to German.	
	Espanol	set language to Spanish.	
	한국어	set language to Korean	
	简体中文	set language to Chinese.	
	日本語	set language to Japanese.	
Function	Auto Adjust	automtatically controls screen. (* Not functioning in DVI and HDMI)	
	Auto Color	automtatically controls color.	
Misc	Signal Source	select screen input.	VGA, DVI, HDMI, COMPONENT
	Reset	initialize current value.	
	Mode Select	controls screen ratio.	Auto , 16:10, 4:3
	DCR		On, Off

Tilt

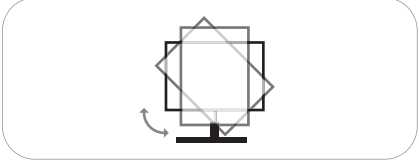
Tilt feature allows for Monitor to be positioned for best viewing angle.



- How to use
1. Hold Monitor securely at top and bottom of screen
 2. Push/Pull to adjust to desired angle

Pivot

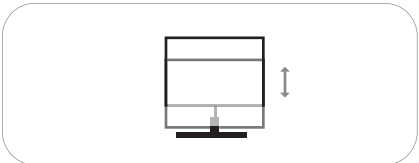
The pivot function permits user to rotate screen 90° to portrait mode.



- How to use
1. Hold Monitor securely on the left and right sides
 2. Rotate Monitor to the right a full 90°.
- Note: Monitor must be at full stand height.*
3. Use "Display Rotation" function in application program to rotate screen image. *Note: Pivot Software not included.*

Elevation

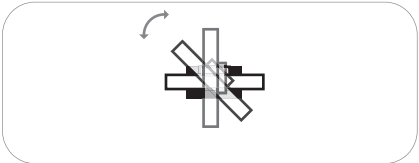
Adjustable height provides the user with the ability to set Monitor height for viewing comfort.



- How to use
1. Hold Monitor securely on the left and right sides
 2. Move Monitor up or down according to user preference

Swivel

Left or Right adjustments offer the added convenience to customize work space.



- How to use
1. Hold Monitor securely on the left and right sides
 2. Move Monitor left or right according to user preference

Specifications

Dimensions, apparent design and specifications are subject to change without any prior notice for the performance improvement.

Specification		
LCD Panel	Visible Screen Area	581.78mm(H) x 363.06mm(V) (27inch)
	Pixel Pitch	0.303mm(H) x 0.303mm(W)
	Recommended Resolution	1920 x 1200 @60Hz
	Maxium Visible Angle	178°/178°(H/V)
	Displayed Color	16.7M
	Brightness	500cd/m²
	Contrast Ratio	1000:1 (DCR 3000:1)
	Response Time	6msec (GTG)
InputSignal	Horizontal Frequency	31.5KHz - 80KHz
	Vertical Frequency	56Hz - 75Hz
	Video Signal	Analog RGB, DVI-D, HDMI, Component
	Connector	D-SUB, DVI-D, HDMI, Component, Audio(PC) Audio(Component)
Power	Power Consumption	<100W
	Stand by Power	< 5W
	Input Power	AC: 100V-240V 50/60Hz DC: 24V/6.75A
Multimedia Speakers		5W x 2
Accessories		DVI-D Cable, DC adaptor, Power code, User's manual
		D-SUB Cable, Screws x 6 , Wrench, Audio cable

Limited Warranty

INTRODUCTION

This Warranty covers DoubleSight Displays's ("DSD") DS-2700DW Series DoubleSight 27" LCD Monitors ("Product") sold by DSD or DSD's authorized resellers. DSD provides a limited warranty for the originally purchased Products for use, not resale ("Original Purchase"), located in the United States. No DSD authorized reseller may claim any right or interest under this limited warranty.

Notice

DoubleSight Displays now includes a 3 year standard warranty for DS-2700DW Series model only from Original Date of Purchase.
Thank you for your support!

DoubleSight Displays

LIMITED WARRANTY

DSD warrants this Product to be free from defects in material and workmanship for a period of three (3) years from the date of Original Purchase. Spare parts are warranted for ninety (90) days. Subject to the conditions set forth below, if a Product proves to be defective in material or workmanship during the warranty period, DSD will, at its sole option, repair or replace the Product with a similar Product. Replacement Product or parts may include remanufactured or refurbished parts or components and will meet the specifications of the original parts or unit.

This warranty is extended by DSD only to the original purchaser ("you") of the Product and is not transferable. During the warranty period, DSD shall provide you with limited telephone technical support providing assistance to you solely for the purpose of defining any problem. Repair or replacement of the Product is limited to the United States.

CUSTOMER RESPONSIBILITIES

As the original purchaser you have thirty (30) days in which to review the contents of the Product's packaging for any missing or broken items. After the first thirty (30) days of ownership, beginning from the date of Original Purchase, a charge will be incurred for replacement of any item you, the original purchaser, may wish to order from DSD. Such charges will include handling and shipping costs incurred for delivery of any such items.

WARRANTY EXCLUSIONS

This warranty does not cover:

1. Any Product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
 - A. Accident, disaster, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions and environment specifications supplied with the Product.
 - B. Repair or attempted repair by anyone not authorized by DSD.
 - C. Customer supplied interfacing.
 - D. Improper site preparation and maintenance.
 - E. Damage to or loss of any programs, data or removable storage media.
 - F. Software or data loss occurring during repair or replacement.
 - G. Any damage of the Product due to shipment.
 - H. Removal or installation of the Product.
 - I. Causes external damage to the Product, such as electric power fluctuations or failure.
 - J. Use of supplies or parts not meeting DSD's specifications.
 - K. Normal wear and tear.
 - L. Subjecting the Product to displaying of fixed images for a long periods of time resulting in image persistence (afterimage effects) or image burn-in.
 - M. Any other cause which does not relate to a product defect.
3. Removal, installation, and set-up service charges.

HOW TO OBTAIN WARRANTY SERVICE

1. For information on warranty service, call DSD customer service toll-free in the U.S.A. by calling 1-888-897-8869, or email DSD at support@doublesight.com.
2. To obtain warranty service, you will be required to provide
 - A. The original dated sales slip.
 - B. Your name.
 - C. Your address.
 - D. The serial number of the product.
 - E. A description of the problem.
3. Bring or ship the Product prepaid and insured in the original container, with the associated accessories, to the DSD depot repair site. All Products returned to the DSD depot repair site for service MUST have prior approval which may be obtained by calling the telephone number above.

DISCLAIMER OF WARRANTIES

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This Product is warranted in accordance with the terms of this limited warranty. You are cautioned that Product performance is affected by system configuration, software, the application, customer data, and operator control of the system, among other factors. While DSD Products are considered to be compatible with many systems, specific functional implementation by the original purchaser of the Product may vary. Therefore, suitability of a Product for a specific purpose or application must be determined by the original purchaser and is not warranted by DSD.

Regulatory Information

FCC Compliance

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. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

FCC WARNING

To assure continued FCC compliance, the user must use a ground power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC (5) cable. Any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

User Information

Users may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402