



User Manual

ULTRAVIEW™ OUTDOOR TELEVISION

MODEL:

UV491, UV551



www.peerless-av.com



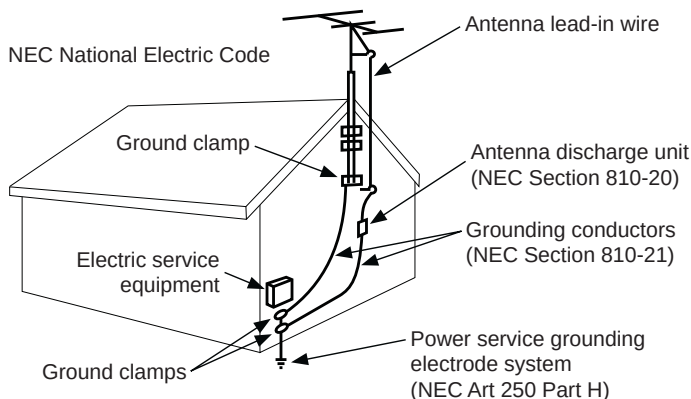
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SYSTEM INSTALLATION AND ELECTRICAL REQUIREMENTS

Electrical Code

Note: To the display system installer: This reminder is provided to call attention to Article 820-44 of the National Electric Code that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the facility. Outlet shall be installed near the equipment and shall be easily accessible.



Note: Installation shall incorporate UL Listed external surge protection rated 2500 Vpk or less, for 150 to 300 Vac mains, installed in accordance with Article 285 of ANSI/NFPA 70 or applicable local codes.

Power Source

The TV must be connected to a main socket outlet with a protective grounding connection.

The main plug is used as the disconnect device and shall remain readily accessible.

This display operates on 100-240 volts 50-60 Hz, AC current. Insert the power cord into a 120 volts 60 Hz outlet. Never connect the TV to direct current or anything other than the specified voltage.

To prevent electric shock from the display, do not use with an extension cord, receptacle, or other outlet unless the blades and ground terminal can be fully inserted to prevent blade exposure.

⚠ WARNING

- Never remove the back cover of the TV as this can expose you to very high voltages and other hazards. If the TV does not operate properly, unplug the TV and call your authorized dealer or service center.

GENERAL SAFETY PRECAUTIONS

▲ WARNING

RISK OF ELECTRICAL SHOCK

To reduce the risk of electric shock, do not disassemble the unit under any circumstances. No user serviceable parts inside. All product services should be done by the Peerless-AV certified service personnel.

Read before operating equipment

Thank you for purchasing our product. Before using it, please read this user manual carefully and follow the instructions correctly for safe operation. Please keep this manual handy for future reference. Also, please be sure to always include this user manual in the packaging when transferring or transporting this product to a different location.

Batteries Installed Warning

CAUTION - Danger of explosion if batteries are incorrectly replaced. Replace only with the same or equivalent type. Even though the remote is designed for outdoor usage, the batteries should not be exposed to excessive heat due to sunlight, fire or other heat sources.

CAUTION:

To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not defeat the safety purpose of the polarized or grounding type electrical plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the electrical cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as electrical-supply cord or plug is damaged, does not operate normally, or has been dropped.
- Only use attachments/accessories specified by the manufacturer.
- In case of emergency such as fire or electric shock caused by the product, immediately contact 911 or proper emergency police/fire service agencies in your country.
- If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.
- Follow instructions for wall, shelf or ceiling mounting as recommended by the manufacturer.
- An outdoor antenna should not be located near overhead electrical lines or any electrical circuits.
- If an outside antenna is connected to the receiver, confirm that the antenna system is grounded to protect against voltage surges and built up static charges Section 810 of the National Electric Code, ANSI/NFPA No 70-1984, provides information with respect to proper grounding for the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode.
- Use properly rated electrical voltage. Use of non-rated voltage may cause fire, electric shock and severe damages to the product.
- Do not open the cabinet under any circumstances. High voltage inside of this product may cause electric shock.
- Do NOT climb on the product.

- Do NOT, under any circumstances, modify or disassemble this product as it may cause fire, electric shock, or severe damages to the product. Also any unauthorized modifications made to the product automatically void product warranty.
- Never touch antenna lines or wires, electrical cables or plugs when lightning or thunder is present as it may cause electric shock.
- Any severe physical impact on the product may cause certain components to fall out of place within and break, which may cause fire or electric shock. In such event, do not operate the product. Contact the manufacturer for support.
- Periodically clean dust off the electrical plug to keep it clean and dry, ensuring proper and safe operation of the product.
- Do NOT destroy, process, or place close to any heat source; do NOT bend or twist electrical cords, electrical plugs, cables, or wires with excessive force; do NOT place any heavy object on the TV as all of the above may cause damage resulting in fire or electric shock.
- Do NOT touch electrical plugs with wet hands.
- Always make sure to plug in the electrical plug firmly and completely. Incompletely placed electrical plugs may cause fire or electric shock due to built up heat emission.
- Do NOT use any non-rated electrical sockets or power strips with many other devices jointly plugged in. The wire of non-designated capacity may cause fire due to built up heat emission. Try to use a single, directly dedicated and rated GFCI electrical outlet for the product for safe operation.
- In case of product malfunction or unusual events such as electrical burning smell, smoke, or loss of content signals on TV due to internal overheating, immediately turn off and unplug the electrical cord and contact the manufacturer.
- Do NOT install the product in unstable locations or near moving objects, constantly vibrating equipment, or uneven surfaces. Follow mounting instructions properly for safe operation of the product as improper installation may cause products to fall.
- Do NOT install the product near any poisonous gas or chemically unstable atmosphere as it may cause fire.
- Do NOT submerge TV in water.
- Do NOT pressure wash TV. Although the IP55 rating protects against jets of water, high pressure force may compromise the TV.
- Do NOT install the product near any strong magnetic or electrical current field as it may cause fire, electric shock, or severe damages to the product and the product may be subject to electromagnetic radiation, causing deterioration of the picture quality.
- Do NOT leave any fire source, such as candles, close to or on the product as it may be a cause for fire or damages to the product.
- Do NOT move or transport the product with any cables (electrical cables, content connectivity cables) plugged in to the source devices. Damages may occur to the cables, plugs, or jointing connectors of the cables due to forcible bending and stress, which may cause damages to the waterproof seal of the product, making it subject to fire, electric shock, or shorted circuit.
- When unplugging the electrical plug or other cables, always pull using the plug and not the cord. Improper pulling of the cords or cables may cause damage to the waterproof seal, making it subject to fire, electric shock, or a shorted circuit.
- Outdoor TVs should always be carried and supported by at least two persons.
- Do NOT use any other electrical cords or connection cables than what is provided with the product or from the manufacturer directly. Use of untested, unauthorized, or substituted electrical cords or connection cables may be a cause for malfunction, fire, electric shock, or severe damages to the product. Also such use of improper or undesignated electrical cords or connection cables will void product warranty.
- Always leave the Power Off when plugging or unplugging the electrical cords or connection cables to avoid electric shock or damages to the product.
- Do NOT use any chemical such as paint thinner or benzene to clean the product's exterior. It may cause scratches on the surface, erasing proper indications, identification labels, or instructions on the exterior, which may be a cause for misuse and improper operation of the product.

FCC CAUTION

To assure continued compliance and possible undesirable interference, ferrite cores may be used when connecting this TV to video equipment; and maintain at least 400mm (15.75 inches) spacing to other peripheral devices.

FCC STATEMENT

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 Rule. 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 these 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:

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

CAUTION
• Please use the electrical cord provided with this display. If a electrical cord is not supplied with this equipment, please contact your supplier. Only plug equipment into receptacles with GFCI protection. • Peerless-AV is not responsible for any issues created by water present at the plug/receptacle insertion point.

Relevant Information

Record your TV's model and serial number here for future reference. Keep this user manual in an accessible location in the event service is required.

Note: Your TV's serial number can be found on the box and underneath the rear cover plate.

Model Number _____

Serial Number _____

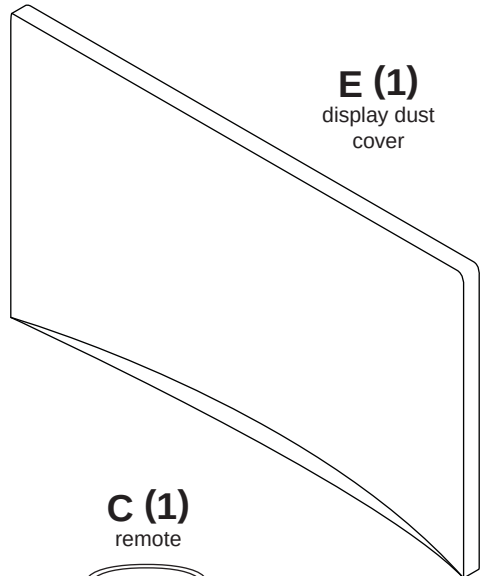
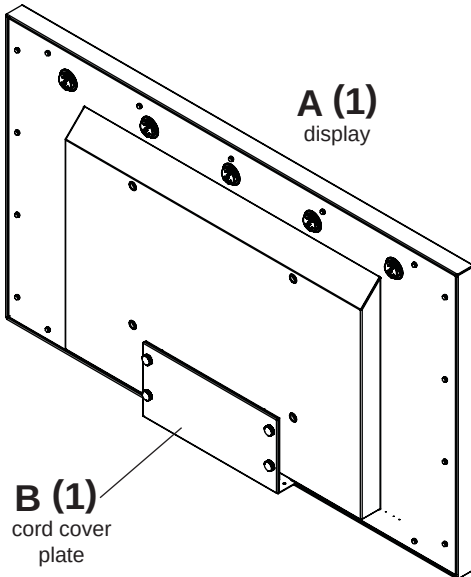
SET UP INSTRUCTIONS

CAUTION

- Never apply pressure to the exterior of the LCD screen. The manufacturer's warranty does not cover user abuse or improper installations
- All cables and cable covers MUST be connected and attached prior to installation on mount.
- When routing cables through the cable entry make sure that the cables are formed in such a way as to remove any stress on the connectors.
- Electrical installation shall be in accordance with the applicable parts of Chapter 8 of ANSI/ NFPA70.

Parts List

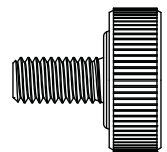
Description	Qty	UV491 Part #	UV551 Part #
A television	1	180-W1338	180-W1339
B cord cover plate	1	180-W1340	180-W1340
C remote	1	410-1032	410-1032
D thumb screw	4	560-1397	560-1397
E display dust cover	1	591-0005	591-0006



C (1)
remote



D (4)
thumb screw



Choose your TV location

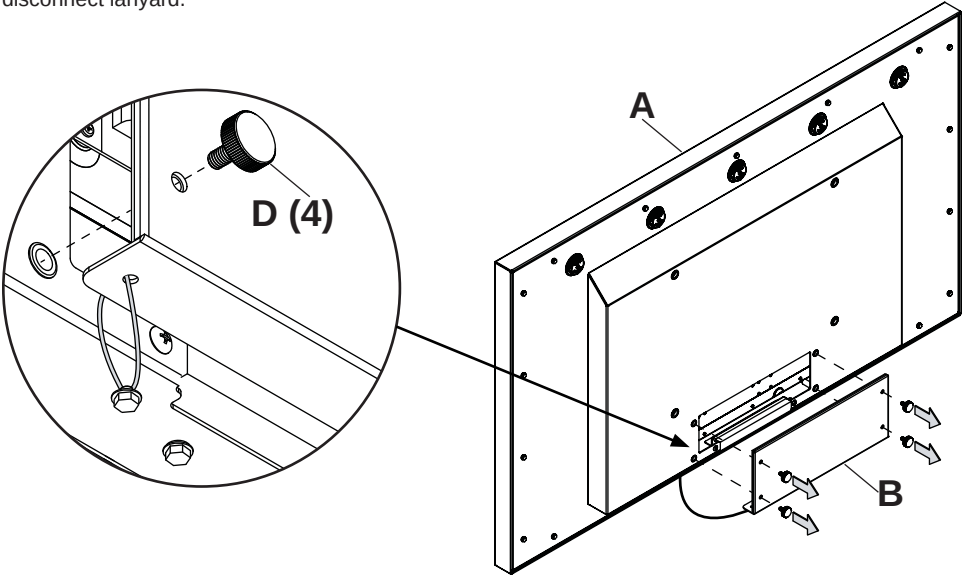
The TV should be installed in a location where the screen will not be facing direct sunlight. Ideal TV placement is an area that is shaded by landscaping, structures, trees, awnings, or elevated patio cover. The operating temperature range of the TV is -24° to 122° F. Do NOT use the TV if ambient air temperature exceeds the operating temperature limits.

CAUTION

Do not install within 5 ft. from a body of water.

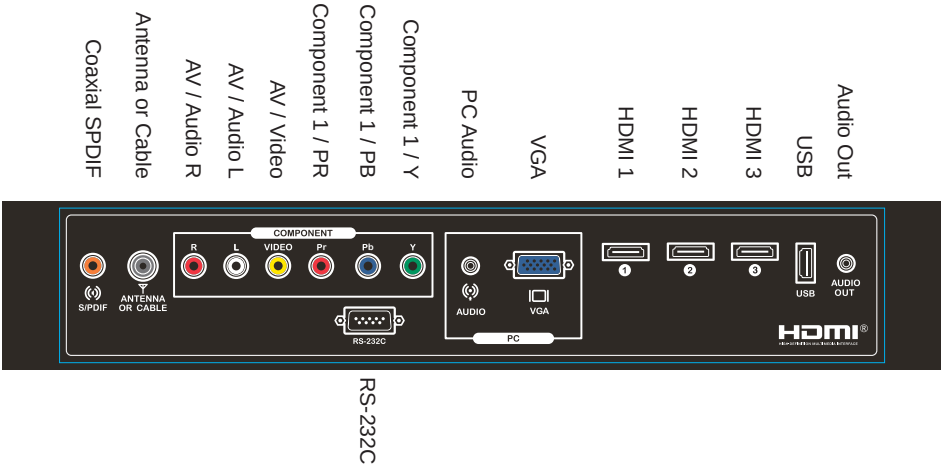
Removing Cord Cover

Remove (4) thumb screws (D) and cord cover (B) to access source connection panel. Do not disconnect lanyard.



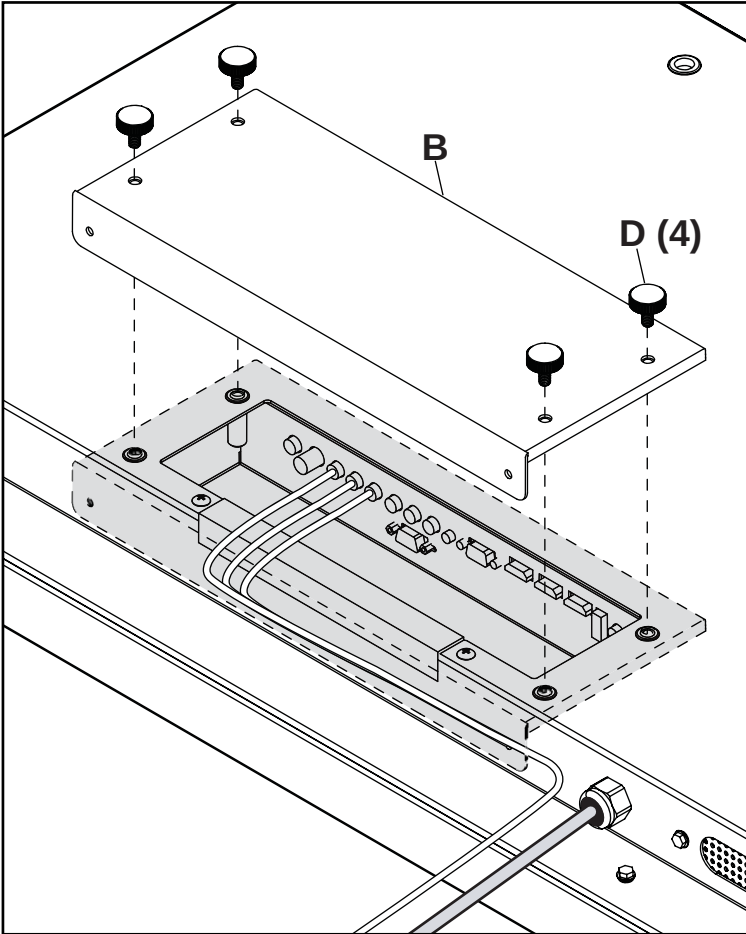
Connecting Cables

Connect cables from the source devices to their appropriate connector on the display.



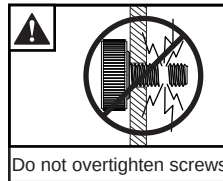
Replacing Cord Cover

1. Run cables across foam gasket block. Leave approximately 1/2" (13mm) between cables to ensure a proper seal.
2. Replace cord cover (B) and (4) thumb screws (D). Fasten thumb screws until gasket on cord cover plate is fully compressed to back of television. Cables will seal between display's gasket and cord cover's gasket as cover is pressed into place. Route cables through opening at end of cord cover.



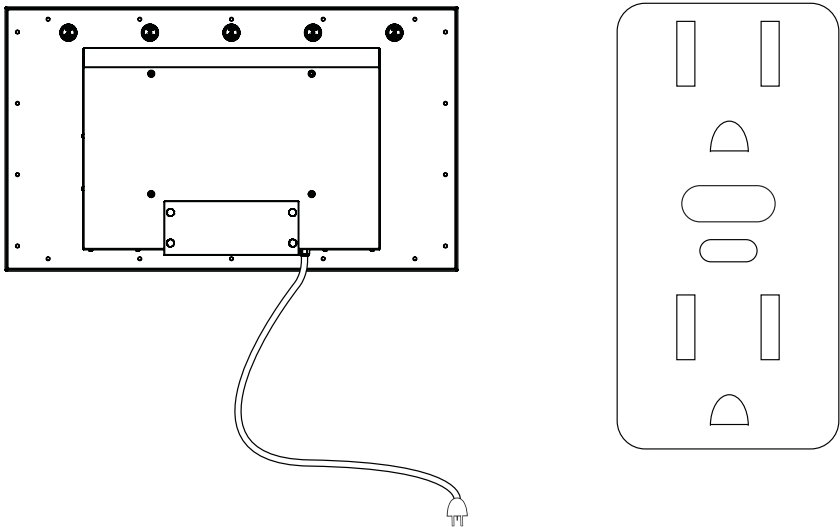
CAUTION

- Ensure bend radius limits for cables do not exceed limits set by the manufacturer.
- Ensure cables are seated properly in the cable gland to avoid potential damage to cables when cord cover is installed.
- Do not remove lanyard that connects the cord cover to the display.



Connect To The Power Source

Connect power cord to GFCI outlet.



Prepare Your TV For Mounting

Note: Install cables prior to mounting your display. Cable entry cover may be obstructed once the display is mounted.

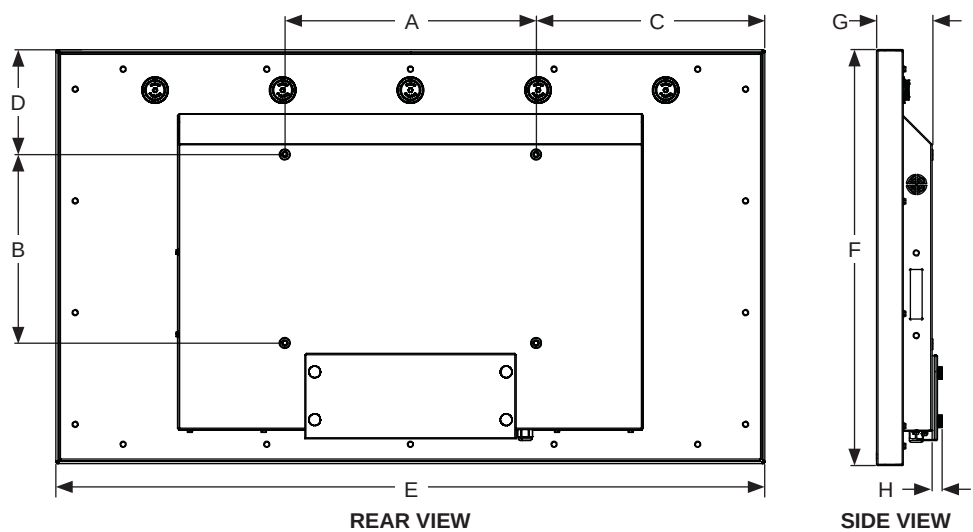
A mounting solution is not included and is sold separately. Contact your Peerless-AV representative for an outdoor rated mounting solution for your particular application.

For your safety, only install outdoor-rated mount that is suitable for the application and supports the weight of the display. When mounting a display outdoors, use proper environmentally rated mounts to ensure longevity in harsh environments.

Examine the chart below to determine the mounting specifications for your TV:

Model	Mounting Hole Pattern	Required Mounting Screws
UV491	400x300mm	(4) M8 screws (12-20mm long)
UV551	400x300mm	(4) M8 screws (12-20mm long)

Model	A	B	C	D	E	F	G	H
UV491	15.75" (400mm)	11.81" (300mm)	14.34" (364)	6.56" (167mm)	44.43" (1128mm)	25.93" (659mm)	3.54" (90mm)	.61" (16mm)
UV551	15.75" (400mm)	11.81" (300mm)	17.32" (440mm)	8.28" (210mm)	50.38" (1280mm)	29.55" (751mm)	3.54" (90mm)	.61" (16mm)



Prepare The TV For Usage

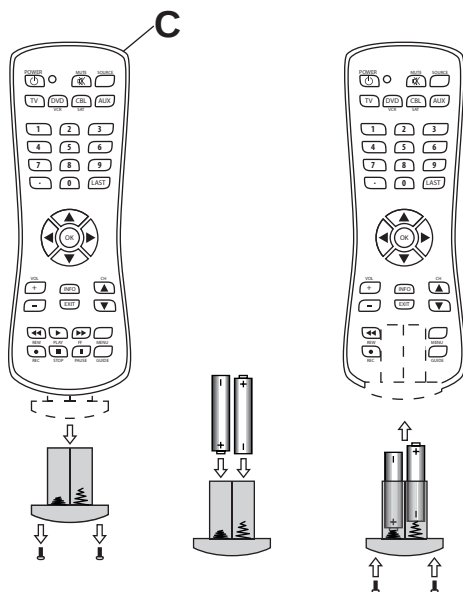
1. Clean the TV with an approved screen cleaner and microfiber cloth designated in the "Care of Screen" section. Do not use window cleaners or products containing ammonia.

Remote Control Battery Installation And Replacement

The remote control is powered by two 1.5V AAA batteries installed at the factory.

To install or replace batteries:

1. To remove the battery module of the remote control, remove the two screws on the end of the battery module. Slide the battery module out of the remote control.
2. Insert two new "AAA" size batteries into the battery module.
3. Slide the battery module back into the remote control and reinsert the two screws in the end of the battery module.



⚠ CAUTION

Incorrect usage of batteries can result in leaks or bursting. Peerless-AV recommends the following battery use:

- Do not mix battery brands.
- Do not combine new and old batteries. This can shorten the battery life or cause liquid leakage of the batteries.
- Remove dead batteries immediately to prevent battery acid from leaking into the battery compartment.
- Do not touch exposed battery acid as it may injure skin.
- Remove the batteries if you do not intend to use the remote control for a long period of time.

OPERATING INSTRUCTIONS

Power On/Off Your New TV

Power on your TV by using the remote control or the rear power button as shown below. The TV will power on but image may not appear for a few seconds as it completes its power up sequence.

Remote control

Point the remote control at the IR sensor located behind the Peerless-AV logo at the center of the TV and press the power button



Onboard Power Button

To power on the TV, press the power button on the back of the TV.



Onboard Controls

Direct Mode: Allows for quick access to source selection, volume settings and channel selection.

Menu Mode: Press the Menu button to access Menu Mode and activate the On Screen Display (OSD). For a description of OSD operation refer to the next section.

The keypad buttons are assigned as indicated in the table below.

Menu Mode	Direct Mode	
On/Off	On/Off	→ 
Auto Config	Input Select	→ 
Right	Volumn Up	→ 
Left	Volumn Down	→ 
Menu	Menu	→ 
Select	Channel Up	→ 
-	Channel Down	→ 

Navigating The On Screen Menu

Pressing the menu key on the remote or the onboard controls will cause the On Screen Display (OSD) main page to be displayed with five menu tabs: Picture, Audio, Time, Setup, Lock and Channel. Use the cursor keys to move through the various sub menus. Pressing the menu key again will move the selection back one level. Press exit to quit.

Picture	
Picture Mode	Standard Dynamic Theater Personal
Contrast	50
Brightness	50
Color	50
Tint	50
Sharpness	50
Color Temp.	Normal Cool Warm
Zoom Mode	16:9 Full Zoom Point To Point 4:3
3DNR	Off Weak Middle Strong

Audio	
Equalizer	Standard Music Movie Sport Personal
120 Hz	50
500 Hz	50
1.5 KHz	50
5 KHz	50
10 KHz	50
Audio Language	English Spanish French
Digital Output (SPDIF)	PCM/Raw
Surround	On/Off
AVC	On/Off

Setup	
Menu Languages	English Spanish French
Transparency (Menu Transparency)	0% 25% 50% 75% 100%
Restore Defaults	Factory Reset All Options
Setup Wizard	
Software	Update (USB)
Blue Screen	On/Off
HDMI MODE	Video PC

Navigating The On Screen Menu

Pressing the menu key on the remote or the onboard controls will cause the On Screen Display (OSD) main page to be displayed with five menu tabs: Picture, Audio, Time, Setup, Lock and Channel. Use the cursor keys to move through the various sub menus. Pressing the menu key again will move the selection back one level. Press exit to quit.

Time	
Sleep Timer	off 5min 10min 15min 30min 60min 90min 120min 180min 240min
Time Zone	Select time zone
DST	On/Off
Time Format	12-hour 24-hour
Auto Sync	On/Off
Clock	Enter Current Time
Wake Up	Enter desired time when display will turn on
NO SIGNAL SHUT	On/Off

Lock	
System Lock	Enter Password to lock the menu

Channel	
Air/Cable	Choose between Antenna and Cable
Auto Scan	Searches for available channels
Favorite	Shows favorite channels
Show/Hide	show or hide channels
Channel No.	Displays list of channels
Channel Label	Change channel names
DTV Signal	Displays channel info and signal strength

(RS-232C) Serial Control Of The TV

Attach an RS-232C cable (straight through type) to the supplied D-Sub RS-232C for the connections.

Note: This operation system should be used by a person who is accustomed to using computers.

Menu:	A0, F0, 55, FF, 4E, B1	Mute:	A0, F0, 55, FF, 14, EB
Right:	A0, F0, 55, FF, 05, FA	Sleep:	A0, F0, 55, FF, 53, AC
OK:	A0, F0, 55, FF, 02, FD	AV:	A0, F0, 55, FF, ED, 12
Down:	A0, F0, 55, FF, 0D, F2	VGA:	A0, F0, 55, FF, EA, 15
Up:	A0, F0, 55, FF, 17, E8	HDMI Toggle:	A0, F0, 55, FF, EC, 13
Left:	A0, F0, 55, FF, 0C, F3	HDMI1:	A0, F0, 55, FF, DE, 21
Source:	A0, F0, 55, FF, 01, FE	HDMI2:	A0, F0, 55, FF, DF, 20
(1):	A0, F0, 55, FF, 42, BD	HDMI3:	A0, F0, 55, FF, E0, 1F
(2):	A0, F0, 55, FF, 43, BC	S-VIDEO:	A0, F0, 55, FF, E4, 1B
(3):	A0, F0, 55, FF, 0F, F0	TV:	A0, F0, 55, FF, E8, 17
(4):	A0, F0, 55, FF, 1E, E1	DTV:	A0, F0, 55, FF, E9, 16
(5):	A0, F0, 55, FF, 1D, E2	Component:	A0, F0, 55, FF, E7, 18
(6):	A0, F0, 55, FF, 1C, E3	USB:	A0, F0, 55, FF, 57, A8
(7):	A0, F0, 55, FF, 18, E7	PMODE:	A0, F0, 55, FF, 4B, B4
(8):	A0, F0, 55, FF, 45, BA	Zoom:	A0, F0, 55, FF, 51, AE
(9):	A0, F0, 55, FF, 4C, B3	Surround:	A0, F0, 55, FF, C7, 38
(0):	A0, F0, 55, FF, 56, A9	SMODE:	A0, F0, 55, FF, 5B, A4
Exit:	A0, F0, 55, FF, 1B, E4	VOL 25%:	A0, F0, 55, FF, 21, DE
Power On:	A0, F0, 55, FF, AE, 51	VOL 50%:	A0, F0, 55, FF, 22, DD
Power Off:	A0, F0, 55, FF, AD, 52	VOL 75%:	A0, F0, 55, FF, 23, DC
Power On/Off:	A0, F0, 55, FF, 0B, F4	VOL 100%:	A0, F0, 55, FF, 24, DB
Volume +:	A0, F0, 55, FF, 0A, F5	Brightness 25%:	A0, F0, 55, FF, 26, D9
Volume -:	A0, F0, 55, FF, 40, BF	Brightness 50%:	A0, F0, 55, FF, 27, D8
Channel +:	A0, F0, 55, FF, 55, AA	Brightness 75%:	A0, F0, 55, FF, 28, D7
Channel -:	A0, F0, 55, FF, 5A, A5	Brightness 100%:	A0, F0, 55, FF, 29, D6

COM Settings	
Baud Rate	38400
Data Bits	8
Parity	None
Stop Bits	1

TIPS

Troubleshooting

No Picture	• Check that the TV is turned on. • Is the power cord inserted into a power outlet? • Test the power outlet by plugging in another device into the outlet.
Remote Control Doesn't Work	• Make sure there is a direct path between the remote control and the IR receiver located at the Peerless-AV logo at the bottom center of the TV. • Press the "TV" button on the universal remote control to select the TV as the device being controlled. • Was the shipping tab removed and the battery re-installed correctly? • Install new battery.

Care Of The Screen

Do not rub or strike the screen with anything hard as this may scratch, mark, or even damage the screen permanently. Ensure that the TV is installed in a location where it will be safe from abrasives and flying debris, which could damage the LCD panel.

Never use ammonia or any product containing ammonia, as it will damage the anti-glare coating on the face of the TV. Only use an approved screen cleaner to clean the display face.

Unplug the power cord before cleaning the screen. Dust the display by wiping the screen and the cabinet with a soft, clean cloth and if the screen requires additional cleaning, use a clean, damp cloth. Do not use liquid cleaners, aerosol cleaners, or solvents of any kind.

To prolong the life of the TV, install the dust cover when the TV is not in use.

Mobile Telephone Caution

Keep your mobile telephone away from your display to avoid disturbances in the picture or sound, possibly causing permanent damage to your TV.

End Of Life Directives

In an effort to produce environmentally friendly products. Your new TV contains materials that can be recycled and reused. At the end of your TV life, specialized companies can minimize TV waste by separating reusable materials from non-reusable materials. Please ensure you dispose of your TV according to local regulations.

License Agreement And Trademark Notice



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Manufactured under license from Dolby Laboratories, Dolby and the double-D symbol are trademarks of Dolby Laboratories

PRODUCT SPECIFICATIONS

Specifications subject to change without notice

Display	
Screen Size	49", 55" diagonal
Aspect Ratio	16:9
Resolution	1920 x 1080
Brightness	500 cd/m ²
Contrast Ratio*	1300:1
Viewing Angle	178° vertical/horizontal
Response Time	8ms (gray to gray)
Refresh Rate	60 Hz

* Enhanced for direct sunlight usage.

Power	
AC Input	100 VAC to 240 VAC, 50 to 60 Hz

TV Controller Features	
Analog TV	NTSC
Digital TV	ATSC/256QAM
Picture Adjustment	Brightness/Contrast/ Tint/Sharpness/Noise reduction
Picture Mode	Standard, Dynamic, Theater, Personal
Color Temperature Adjustment	Cool, Normal, Warm
Screen Adjustment	16:9/Full/Zoom/Point to Point/4:3
Clock, Sleep Timer	Yes
MTS	Yes
V-chip	Yes
Closed Caption	Yes
Electronic Program Guide	Yes
Noise Reduction	Yes
3-D Comb Filter and De-interlace	Yes
Mute	Yes
OSD Language	English, French, Spanish

Environmental	
Operating Temperature	-24° F to 122° F
Storage Temperature	0° F to 124° F
IP Rating	IP55
Safety/EMC	FCC Class B

Mechanical	
Display Size: UV491	(W x H x D) 44.4" x 25.9" 4.15"
UV551	(1128mm x 658mm x 105mm) 50.4" x 29.6" x 4.15" (1280mm x 752mm x 105mm)
Enclosure Color	Black
VESA Mount UV491	400x300mm
UV551	400x300mm
Net Weight UV491	53 lbs (24.04kg)
UV551	63 lbs (28.58kg)
Shipping Size UV491	(W x H x D) 48.38" x 29.87" x 7"
UV551	(1228mm x 758mm x 178mm) 54.7" x 33.4" x 7" (1389mm x 848mm x 178mm)
Shipping Weight UV491	58 lbs (26.31kg)
UV551	70 lbs (31.75kg)

Input/Output Connections	
TV Input	Coax (x1), 75 ohm, NTSC, ATSC, 64 QAM, 256QAM
VGA Input	15 pin D-SUB (x1), Up to 1920x1080@60HZ
HDMI Input	HDMI (x3), 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
CVBS Input	RCA (x1)
YPbPr Input	RCA (x1), 480i, 480p, 720p, 1080i
VGA Stereo Audio Input	3.5mm Analog Audio (x1)
CVBS Stereo Audio Input	RCA (x1)
YPbPr Stereo Audio Input	RCA (x1)
Audio Stereo	3.5mm Stereo (x1)
Output	3.5mm Stereo Headphone (x1)
RS232 Control	9 pin D-SUB (Female) (x1)
S/PDIF Digital Audio Output	RCA (x1)

LIMITED TWO-YEAR WARRANTY

TWO-YEAR PARTS & LABOR LIMITED WARRANTY

Terms of Peerless-AV®

The Peerless-AV Outdoor TV/Display is warrantied to be free of defects in material and workmanship from the time of purchase by the original owner. If this product is found and proved to be defective under the terms and conditions of this warranty, Peerless-AV will repair or replace defective parts with new and/or reconditioned parts at no charge for the parts and labor to the original owner, subject to the terms and conditions of this Limited Warranty. This Limited Warranty covers failures due to defects in material and workmanship that occur during normal residential or commercial use as follows:

- Parts – the warranty period for parts is: two (2) years from the date of original purchase. During the applicable Limited Warranty period for parts, defective parts will be replaced at no charge. Parts used for the replacement will be warranted for the remainder of the original warranty period for those parts.
- Labor – the warranty period for labor is: two (2) years from the date of original purchase. During the applicable Limited Warranty period for labor, Peerless-AV will provide the labor for warranty repair at no charge for a period of two (2) years from the date of original purchase.
- Original owner must provide verification of the date of purchase when requesting Limited Warranty Services. A copy of the original Dated Sales Receipt is required together with the product to obtain service under this Limited Warranty.
- All repairs must be performed by a Peerless-AV Authorized Service Provider.
- Customer is responsible for returning (including any freight and shipping costs) defective unit to a Peerless-AV Authorized Service Provider. If the product is found to have no defects, the customer will be responsible for return shipping costs as well.

THIS LIMITED WARRANTY DOES NOT COVER:

- Labor to uninstall and reinstall the display / TV
- Shipping damage.
- Damage caused during customer unpacking, and/or removal of packing materials.
- Damage due to improper, incorrect or insufficient AC voltage.
- Damage due to power surges or lightning strikes.
- Damages which results from fire, flood, lightning, tornado, hurricane, large hail, extremely gusty winds, sand storms, vandalism, terrorism or other acts of nature.
- Any unit which has been modified or damaged due to improper installation or failure to obey the operating instructions in the User Manual.
- Any failure, loss, damage or personal injury due to accident, neglect, misuse, abuse, improper orientation, improper maintenance, improper storage, alteration to the unit, or failure by the consumer to follow operating instructions provided by the user manual.
- Any owner other than the original owner.
- Any unit purchased from an unauthorized seller.
- If the original product serial number has been removed, defaced or tampered with in any way.
- Any packaging or transportation charges incurred in connection with warranty services.
- Indirect, consequential, or special damages except as required by federal or state laws.

- Any unit tampered with, modified, adjusted or repaired by any party other than the Peerless-AV Authorized Service Provider.
- Any cosmetic damages to the surface or exterior that has been defaced or faded, or caused by normal wear and tear or exposure to chemicals, acid rain, large hail or adverse weather conditions.
- Minor cabinet blemishes or minor scratches to the exterior of the unit or other cosmetic imperfections that are not within the viewing area of the LCD
- Picture quality when installed in direct sunlight where sun is shining directly on the face of the LCD.
- Any damage, scratches or blemishes to the face of the LCD and/or exterior cabinet due to end-user cleaning.
- Dirty air waves, and/or unusual signal interference due to weak signal from multi-wire runs or weak signal from cable or satellite service providers or unusual signal interference or lack of distance when using the Digital Wireless Video/ Audio Package.
- Return shipping when no defect is found.

Peerless-AV and its representatives or agents shall in no event be liable for any general, indirect or consequential damages arising out of/ or caused by the use of /or the inability to use this product.

This warranty is made in lieu of all other warranties, expressed or implied, and all other liabilities on the part of Peerless-AV. Any other warranties, including the warranties of merchantability and fitness for a particular purpose are hereby disclaimed by Peerless-AV and its representatives and/or agents.

All warranty inspections and repairs must be performed by Peerless-AV or its authorized service representations.

Customer Care: 800.865.2112 or 630.375.5100

Website: www.peerless-av.com

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The logo for Peerless-AV features the word "peerless" in a bold, lowercase, red sans-serif font. To its right is a stylized "AV" in a larger, outlined red font, with a registered trademark symbol (®) to its upper right.

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