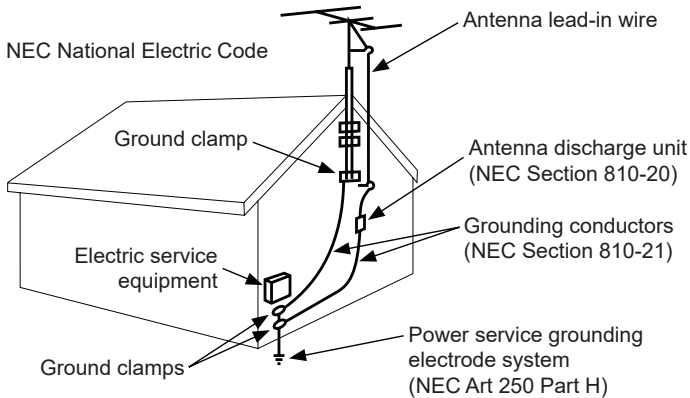# peerless-AV®

User Guide

XTREME™ HIGH BRIGHT OUTDOOR DISPLAY

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.

Antenna lead-in wire

NEC National Electric Code

Ground clamp

Antenna discharge unit
(NEC Section 810-20)

Grounding conductors
(NEC Section 810-21)

Electric service
equipment

Ground clamps

Power service grounding
electrode system
(NEC Art 250 Part H)

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 display must be connected to a mains socket outlet with a protective grounding connection.

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

Electrical installation shall be in accordance with the applicable parts of Chapter 8 of ANSI/NFPA70.

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.

This display operates on 100-240 volts 50-60 Hz, AC current. Insert the power cord into a 120 volt 60 Hz outlet. Never connect the display 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.

All secondary lines must be routed through grounded conduit and kept separate from AC line.

FCC CAUTION

To assure continued compliance and possible undesirable interference, ferrite cores may be used when connecting this display to video equipment; 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 A 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/display 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.

Relevant Information

Record your display'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 display's serial number can be found on the box and underneath the rear cover plate.

Model Number _____

Serial Number _____

GENERAL SAFETY PRECAUTIONS

Read before operating equipment

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

⚠ WARNING

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.

To reduce the risk of electric shock or fire, heed the following:

- In case of product malfunction or unusual events such as electrical burning smell, smoke, or loss of content signals due to internal overheating, immediately turn off, unplug the electrical cord and contact the manufacturer.
- Do NOT disassemble, modify or service product in any way other than that contained in this instruction. Any unauthorized modifications made to the product automatically void product warranty.
- Do NOT touch antenna lines or wires, electrical cables or plugs when lightning or thunder is present or with wet hands
- Do NOT submerge in water.
- Do NOT destroy, process, or place close to any heat source.
- Do NOT install near poisonous gas or chemically unstable atmosphere.
- Do NOT install near strong magnetic or electrical current field.
- Do NOT install the product in unstable locations or near moving objects, constantly vibrating equipment, or uneven surfaces.
- Do NOT leave any fire source, such as candles, close to or on the product.
- Do NOT operate the product if it has been dropped or struck. Severe physical impact to the product may cause components to fall out of place within and break.
- Do NOT bend or twist electrical cords, electrical plugs, cables, or wires with excessive force.
- Do NOT block ventilation slots or place any heavy object on the product.
- Use properly rated electrical voltage.
- Do NOT use any electrical sockets or power strips with many other devices jointly plugged in. Use a single, directly dedicated and rated GFCI electrical outlet for the product for safe operation.
- Do NOT move or transport with any cables (electrical, content connectivity) plugged in to the source devices.
- Always connect the electrical plug firmly and completely. When disconnecting any cables, always pull on the plug and not the cord.
- Always leave the power off when plugging or unplugging the electrical cords or connection cables.
- 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.

⚠ WARNING

- Never apply pressure to the exterior of the LCD screen.
- If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.
- Do NOT climb on the product.
- Do NOT install within five feet from a body of water.
- Do NOT use if ambient air temperature exceeds the operating limits.
- Do NOT install in enclosure or recessed cavity with less than 2 inches of airflow around the display. Air inside fully encased display must be ventilated.
- The product is to be secured to building before operation.
- Product must be carried and supported by at least two persons.
- Periodically clean dust off the electrical plug to keep it clean and dry, ensuring proper and safe operation.
- Only use attachments/accessories specified by the manufacturer.

CONTENTS

SET UP INSTRUCTIONS

Parts List

	Description	Qty
A	display	1
B	remote (batteries included)	1
C	IR extender	1
D	regional power cord	1
E	3mm allen wrench	1
F	user guide (not shown)	1
G	monitoring addendum (not shown)	1
H	technical support insert (not shown)	1

A (1)
display
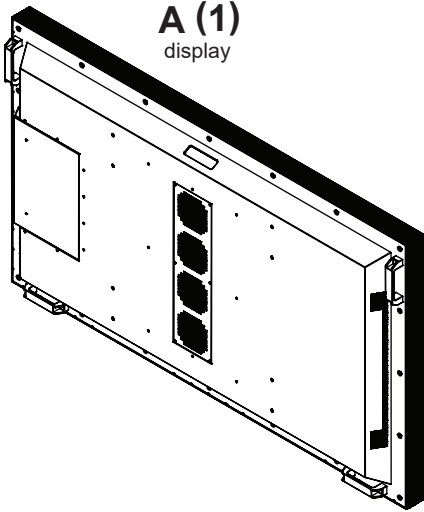
B (1)
remote

C (1)
IR extender
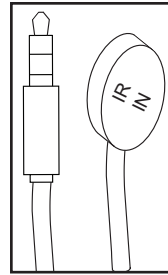
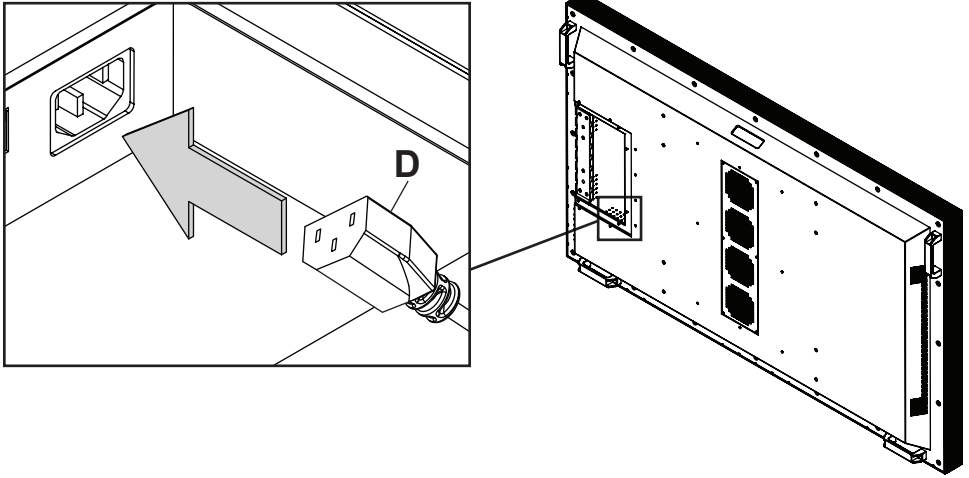## E (1)
3mm
allen wrench

D (1)
regional power
cord
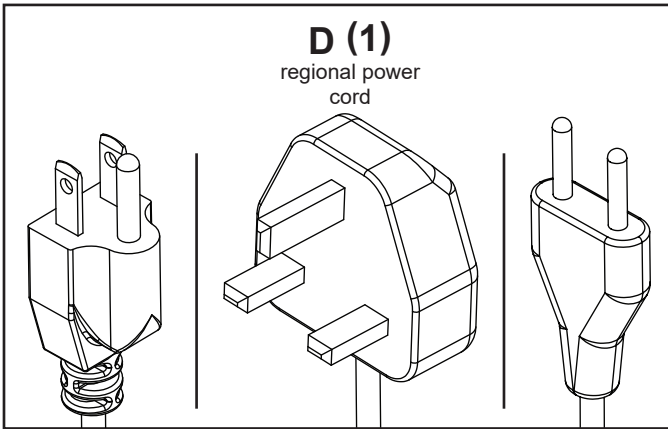
Removing Cord Cover

1. Remove (2) M5 low-profile hex screws and rear cover plate using 3mm allen wrench (E). Do not disconnect lanyard.
2. Remove (6) M5 hex screws and cord cover using 3mm allen wrench (E).

A

1

lanyard

2
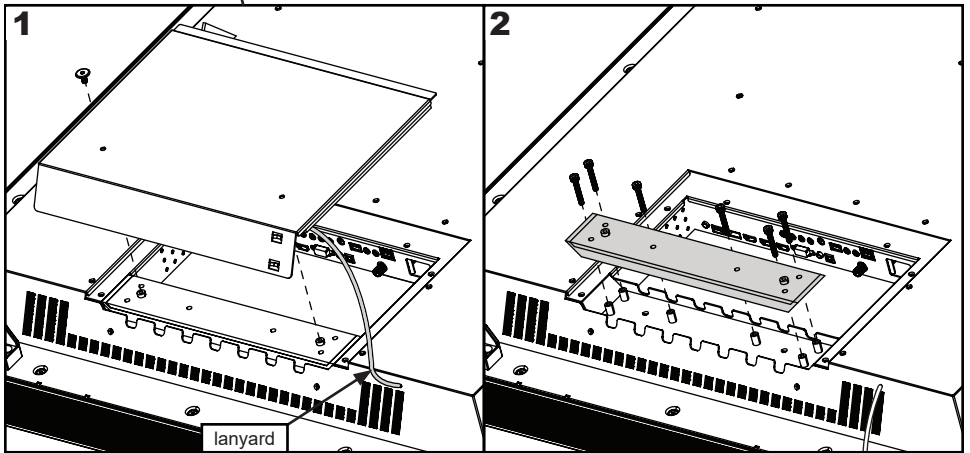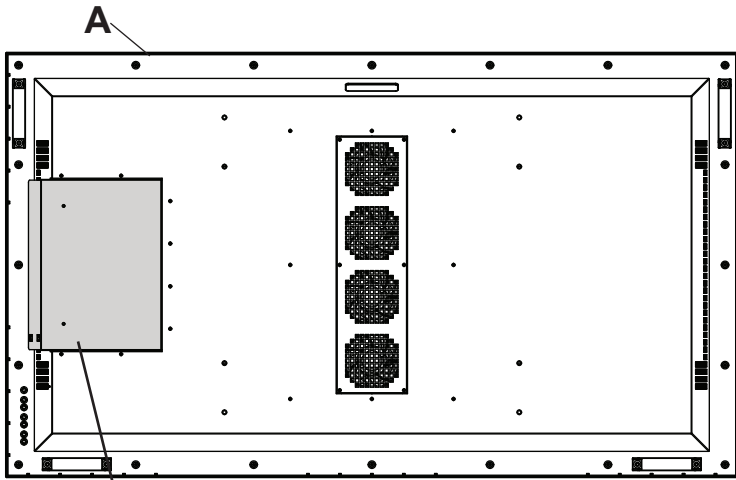
Installing Power Cord

Insert female end of power cord into power port located inside the input compartment.


Installing IR Extender (Optional)

Insert the 3.5mm end of the included 5V IR extender into the IR Extender port on the input panel of the display. IR extender port may not be compatible with other 3rd party extenders.
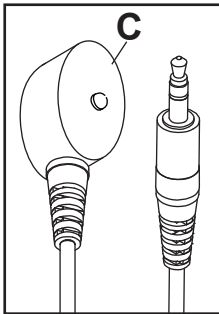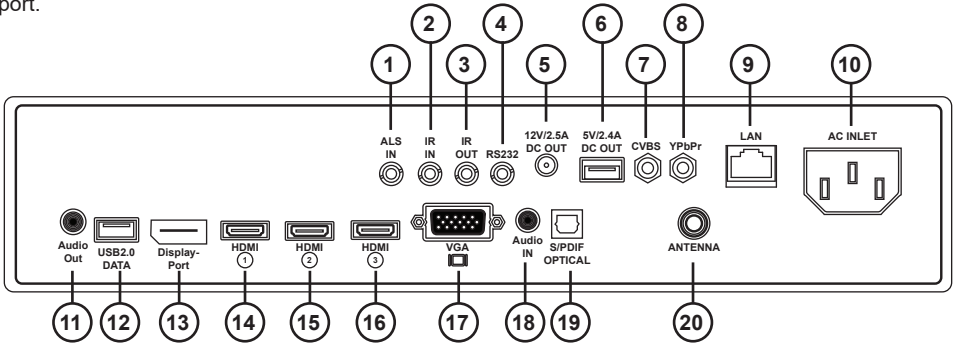
Installing Ambient Light Sensor (ALS) Extender (Optional)

Insert the 3.5mm end of the ALS Extender (ACCD-ALS sold separately) into the ALS Extender port on the input panel of the display. Connecting the ALS Extender will disable the ALS that is built into the display.
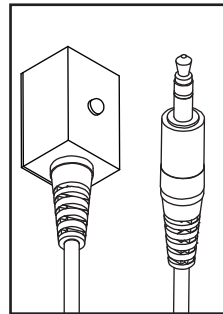
Connecting Cords

Connect source devices to appropriate display input. Make all connections prior to powering on the display. The USB 2.0 Data port is for service and media only. For 5VDC power, use the 5VDC power port.


1. 3.5mm Ambient Light Sensor (ALS) Extender – Automatically adjusts the brightness of the display based on ambient lighting conditions. The ALS extender overrides the built-in ambient light sensor when it is connected allowing flexibility for installations where the built-in ALS may have shadows being cast on it by surrounding structures or vegetation. The ALS extender can be placed in a location that is more representative of the actual ambient light conditions. ALS Extenders (ACCD-ALS) are sold separately from Peerless-AV by contacting Customer Care at 800-865-2112.

2. 3.5mm IR Extender Port – Allows flexibility for integration with controls systems. The IR extender can be used to position the IR receiver in a convenient position in the event the IR receiver on the front of the display is obscured.

3. 3.5mm IR Out - Allows for IR control of 3rd party devices utilizing the display's built-in IR receiver or external IR extender.

4. 3.5mm RS232C – Allows for control of the display using RS232 commands from a connected PC or control system. 3.5mm to DB9 Female (ACCD-DB9) accessory dongle is sold separately by contacting Customer Care at 800-865-2112.

5. 2.5mm DC Power Port – Provides 12 VDC @ 2.5 A for powering locally stored extenders and source devices. 12 VDC accessory kits (ACCD-12K) are sold separately from Peerless-AV by contacting Customer Care at 800-865-2112. Accessory DC outputs are only active when display is on.

6. USB DC Power Port – Provides 5 VDC @ 2.4 A for powering locally stored extenders and source devices. 5 VDC accessory kits (ACCD-05K) are sold separately from Peerless-AV by contacting Customer Care at 800-865-2112. Accessory DC outputs are only active when display is on.

7. 3.5mm Mini AV – Connects an analog source device with the display and allows for SD video and analog stereo audio signals to be output to the display. This connection also supports the audio portion of a connected component device. Requires a 3.5mm to RCA female composite accessory dongle. Analog accessory kits (ACCD-ALG) are sold separately from Peerless-AV by contacting Customer Care at 800-865-2112.

8. 3.5mm Mini Component – Connects an analog source device with the display and allows for HD video and analog stereo audio signals to be output to the display. Requires a 3.5mm to RCA female component accessory dongle for video signals. If audio is required when using the component connection, the stereo audio signal will need to connect to the red and white female RCA connectors on the composite accessory dongle. Analog accessory kits (ACCD-ALG) are sold separately from Peerless-AV by contacting Customer Care at 800-865-2112.

9. LAN Port – Health and Wellness monitoring of the display (see Monitoring Addendum).

10. AC In - Provides AC power to the display for operation.

11. 3.5mm Analog Audio Out Port – Provides analog stereo audio for soundbars, headphones, and amplifiers.

Connecting Cords

12. USB 2.0 Data Port – Allows content to be displayed using a USB flash drive. This feature supports text, photo, audio and video. This port also serves as a service port for firmware upgrades. This port should not be used for powering 5 VDC devices.

13. DisplayPort – Connects a digital source device with the display and allows for FHD video and digital audio to be output on the display. DisplayPort is version 1.2 and is HDCP 1.3 compliant.

14. HDMI 1 (ARC) - Connects a digital source device with the display and allows for FHD video and digital audio signal to be output to the display. HDMI 1 is HDMI version 2.0 and is HDCP 2.2 compliant. All 3 of the HDMI inputs also support consumer electronics control (CEC). CEC allows for intelligent communication between CEC-enabled devices through the use of the HDMI connection. HDMI 1 also supports the audio return channel (ARC) allowing audio content from the display to be back-fed to an audio amplifier using a single HDMI connection.

15. HDMI 2 - Connects a digital source device with the display and allows for FHD video and digital audio signal to be output to the display. HDMI 2 is HDMI version 2.0 and is HDCP 2.2 compliant. All 3 of the HDMI inputs also support consumer electronics control (CEC). CEC allows for intelligent communication between CEC-enabled devices through the use of the HDMI connection.

16. HDMI 3 - Connects a digital source device with the display and allows for FHD video and digital audio signal to be output to the display. All 3 of the HDMI inputs also support consumer electronics control (CEC). CEC allows for intelligent communication between CEC-enabled devices through the use of the HDMI connection. HDMI 3 is HDMI version 2.0 and is HDCP 2.2 compliant. HDMI 3 also supports mobile high definition link (MHL3.0) allowing MHL compatible mobile devices to output HD content to the display, transport control and charge the connected device.

17. VGA – Connects an analog source device with the display and allows FHD video signals to be output to the display. VGA does not support audio. When using a VGA connection the audio output from the source device will need to be connected to the 3.5mm Audio In port on the display.

18. 3.5mm Analog Audio In – Accepts the incoming stereo analog audio signal coming from a VGA connected source device.

19. S/PDIF Optical Output – Outputs uncompressed digital audio to a connected soundbar or AVR with an optical digital audio input.

20. Antenna/Cable Coaxial Input – Supports ATSC, NTSC and QAM256 signals. It can be used with an over-the-air antenna or in a distributed coaxial network. This connection supports both analog and digital signals.

Replacing Cord Cover

1. Run power and signal cords through notches. To prevent unwanted interference, route the power cord through the right most notch (see image 1 below).
2. Place the cord cover over the cords being careful not to pinch any of the cords. Loosely install (6) M5 hex cap screws then tighten screws on the cord cover using 3mm allen wrench (E) until the gasket on the cover is fully compressed to the cord gasket .
3. Replace the rear cover plate ensuring that the cords are running through the notches on the display and not getting pinched. Fasten the (2) hex screws on the rear cover plate to secure it in place using 3mm allen wrench (E). Ensure that rear cover plate is fully compressed to the back of the display.
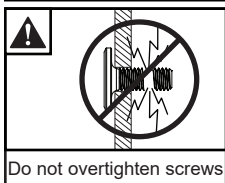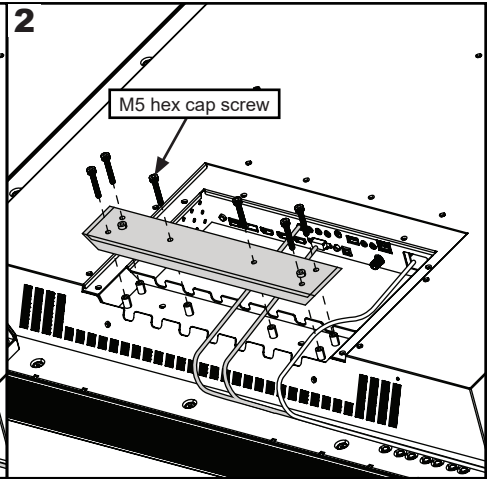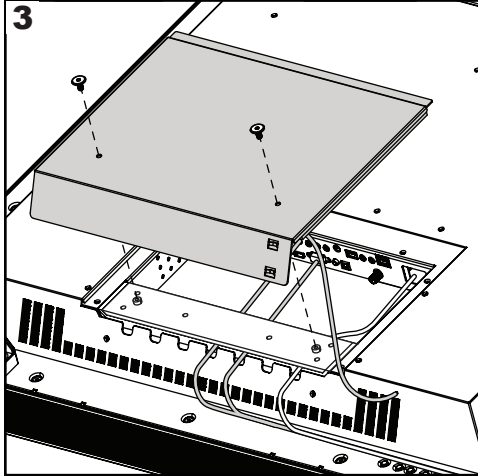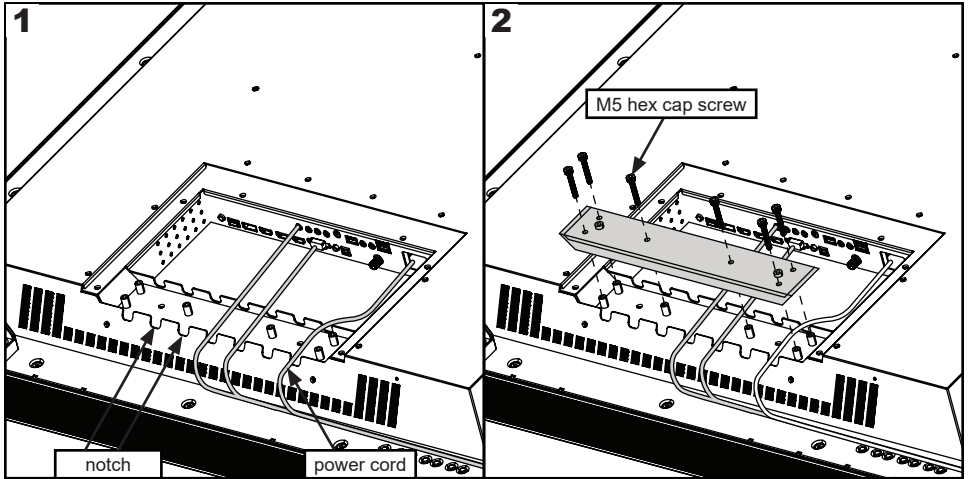
1

notch   power cord

2

M5 hex cap screw

3

CAUTION

Failure to follow these instructions can result in the product being damaged or destroyed, voiding the warranty.

Optional: cable management

Do not overtighten screws
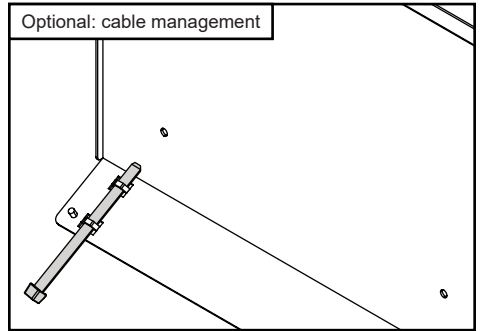
CAUTION

• Ensure cord bend radius does not exceed limits set by the manufacturer.
• Ensure cords are seated properly in the cable channels to avoid potential damage to cords when rear cover plate is installed.
• Do not remove lanyard that connects the rear cover plate to the display.
• Ensure cables exiting input compartment are routed downward when installing display in portrait orientation. If the installation requires the cabling to be routed upward, ensure that the cables are routed with a drip loop.

Removing Handle Hardware
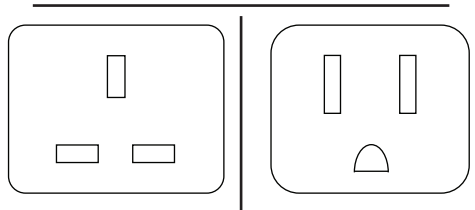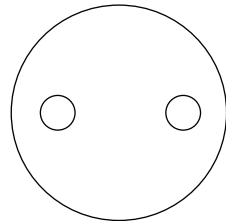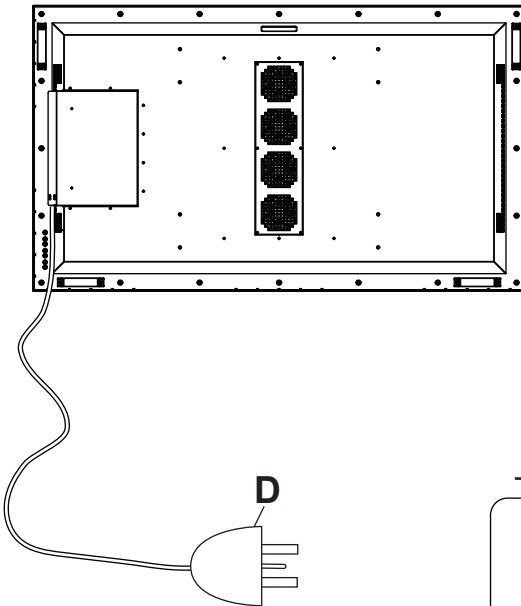
Optional: If removing handles, do not replace hardware.
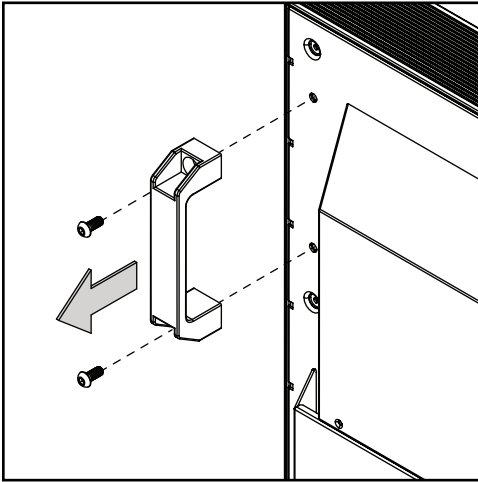
CAUTION
Failure to follow these instructions can result in the product being damaged or destroyed, voiding the warranty.

Connect To The Power Source

Connect power cord to GFCI outlet.

D

Prepare The Display For Mounting

Install cords prior to mounting your display. Input panel may be obstructed once the display is mounted.

A mounting solution is sold separately. Contact your Peerless-AV representative for an outdoor rated mounting solution for your particular application.

For your safety, only install an 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 display:

Part	Mounting Hole Pattern	Required Mounting Screws
XHB652	600x400mm, 600x600mm	(4) M8 screws (16mm long)

Part	A	B	C	D	E	F
XHB652	23.62" (600mm)	15.75" (400mm)	17.53" (445mm)	9.17" (233mm)	23.62" (600mm)	5.14" (131mm)

REAR VIEW   **SIDE VIEW**
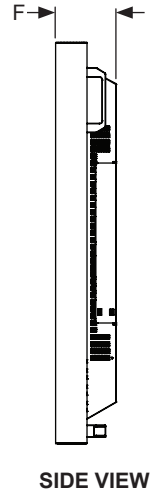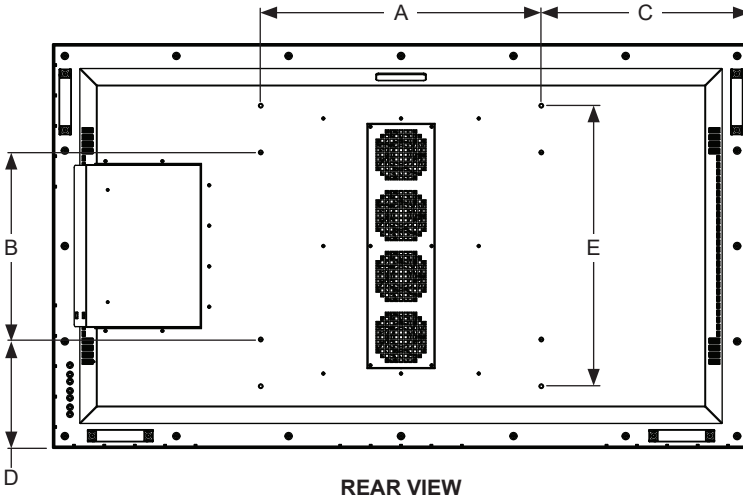
Prepare The Display For Mounting

Part	A	B	C	D	E
XHB652	58.68" (1491mm)	34.08" (866mm)	56.24" (1429mm)	31.64" (804mm)	64.53" (1639mm)

FRONT VIEW

1.57"
(40mm)

.63"
(16mm)

1.22"
(31mm)

.33"
(8mm)

.79"
(20mm)

1.22"
(31mm)
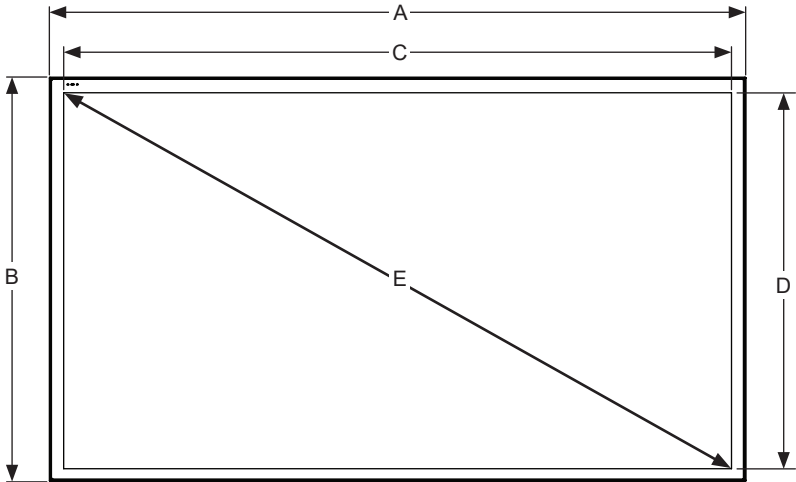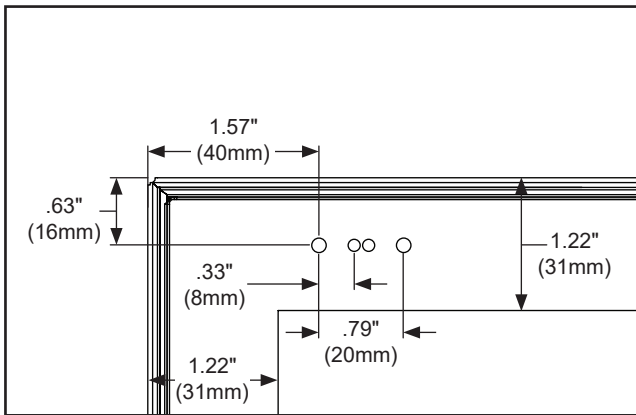
BEZEL / IR DETAIL VIEW

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 battery acid leaks.

- 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.

- Do not expose the batteries to excessive heat from sunlight, fire or other heat sources or batteries could explode.

- Fully tighten screws to maintain the ingress protection rating of the remote.

B
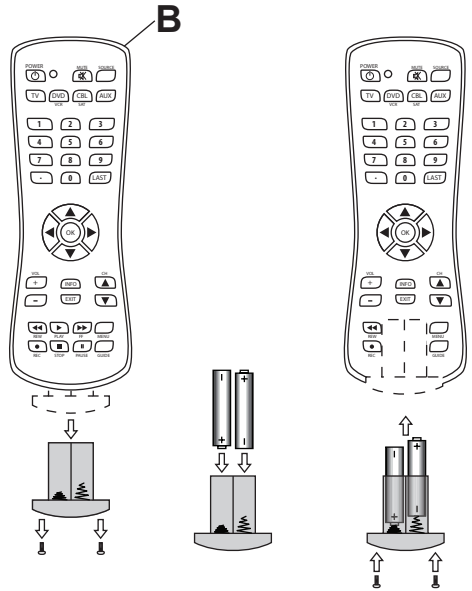
OPERATING INSTRUCTIONS

Power On/Off The Display

Power on your display by using the remote control or the power button on the side of the display. The display will power on but image may not appear for several seconds as it completes its power up sequence.

Point the remote control at the IR sensor located at the top, left-hand corner of the display when in landscape, or the top, right-hand corner when in portrait. Then, press the power button.
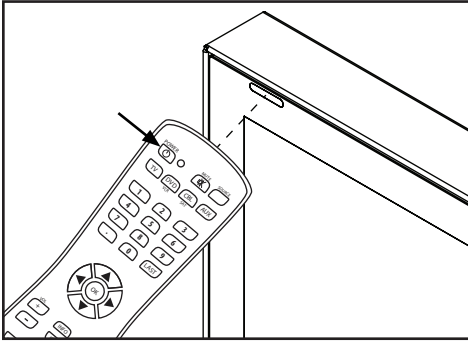
LED Light	TV Status
Solid	Off
Blinking	Boot up
Off	On

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.

Direct Mode	Menu Mode	
On/Off	On/Off	
Input Select	Input Select	
Menu	Return	
Channel Up	Up	
Channel Down	Down	
Volume Up	Right/OK	
Volume Down	Left/OK	

Navigating The On Screen 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
DTV Signal	Displays channel info and signal strength

Audio	
Equalizer	Standard Music Movie Sports Personal
Digital Output (Optical)	PCM / Raw / Off
Surround	On / Off
AVC	On / Off
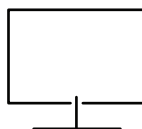
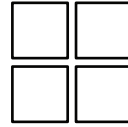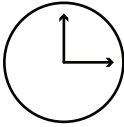| Picture	
Picture Mode	Theater Personal Standard Dynamic
Color Temp.	Normal Warm Personal Cool
HDMI Mode	Video Mode PC Mode
Screen (Only Visible in PC MODE)	H Position V Position Clock Phase Auto
Zoom Mode	4:3 16:9 Cinema Zoom Point to Point
Backlight	0 - 100
DLC (Dynamic Backlight)	On / Off
Color Range	Auto 0 - 255 16 - 234
3DNR	Off Weak Middle Strong
ECO	Internal ALS (Auto) External ALS (Auto using Extender) Low (Preset) Middle (Preset) High (Preset) Personal (0 -100 brightness)

	Navigate	**OK** **Enter**	**EXIT** **Exit**	**MENU** **Return**

Time		
Sleep Timer	off	60 min
	5 min	90 min
	10 min	120 min
	15 min	180 min
	30 min	240 min
Time Zone	Atlantic	Pacific
	Eastern	Alaska
	Central	Hawaii
	Mountain	Korean
Time Format	12-hour / 24-hour	
Auto Sync	On / Off	
Clock	Year (User Define)	
	Month: 1 - 12	
	Day: 1 - 31	
	Hour: 12am - 11pm	
	Minute: 0 - 60	
Wake Up	Year (User Define)	
	Month (User Define)	
	Day (User Define)	
	Hour (User Define)	
	Minute (User Define)	
	Wake Up (Off, Once, Everyday)	

Setup		
Menu Languages	English	
	Spanish	
	French	
	German	
	Italian	
	Russian	
Transparent (Menu Transparency)	0%	75%
	25%	100%
	50%	
Closed Caption	CC On	
	CC On Mute	
	CC Off	
Restore Defaults	Yes / No	
Setup Wizard	Enabled with antenna connected	
Software Update	Yes / No	
CEC		
CEC Control	On / Off	
Device Auto Power Off	On / Off	
TV Auto Power On	On / Off	
Audio Receiver	On / Off	
No Signal Auto Power Off	On / Off	
Media Player	Off	
	Movie	
	Photo	
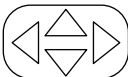
	◁△▷▽	OK	EXIT	MENU
	Navigate	**Enter**	**Exit**	**Return**

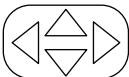| Lock	
System Lock	
Enter Password to enter System Lock settings Defaut Password: 0000	
Change password	Allows the password to be changed
System Lock	On / Off
Input Block	TV, AV, Component, DP, HDMI 1, HDMI 2, HDMI 3, PC, USB
US	TV, MPAA
Canada	Canadian English, Canadian French
RRT Setting	Unavailable
Reset RRT	Unavailable
Unrated	On /Off
Hotel Mode	
Enter password to enter hotel mode settings Defaut Password: 0000	
Hotel Mode	On / Off
Change Password	Allows the password to be changed
Picture Mode	Standard, Dynamic, Theater, Personal
Sound Mode	Standard, Music, Movie, Sports, Personal
Key Lock	On / Off
Power On Source	TV, AV, Component, DP, HDMI 1, HDMI 2, HDMI 3, PC, USB
Air / Cable	Air, Cable
Power On Channel	Set channel that display will tune to when powered on
Power On Volume	Set volume that display will output when turned on

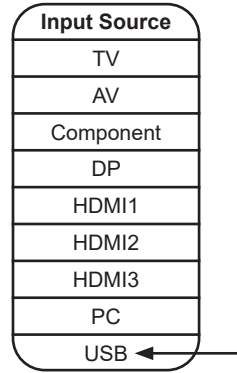|			
Navigate	OK **Enter**	EXIT **Exit**	MENU **Return**

USB Functionality

1

ENG Insert USB flash drive into USB 2.0 Data port on the input panel of the display.

USB 2.0
Data
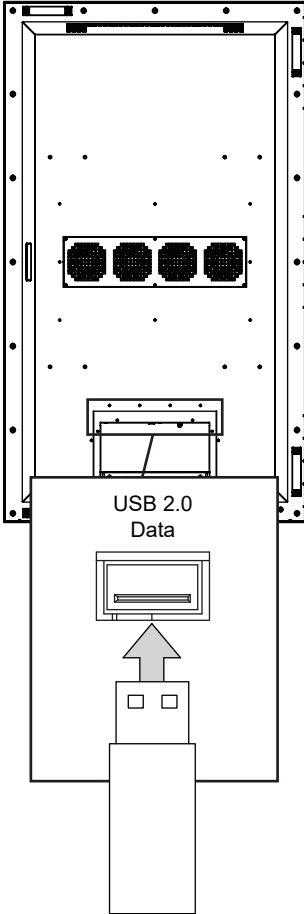
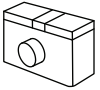**2**

ENG Select USB source to access content.

Input Source
TV
AV
Component
DP
HDMI1
HDMI2
HDMI3
PC
USB

USB Functionality

3

ENG Select media type and folder where content is stored.

PHOTO	MUSIC	MOVIE	TEXT

Return	C	
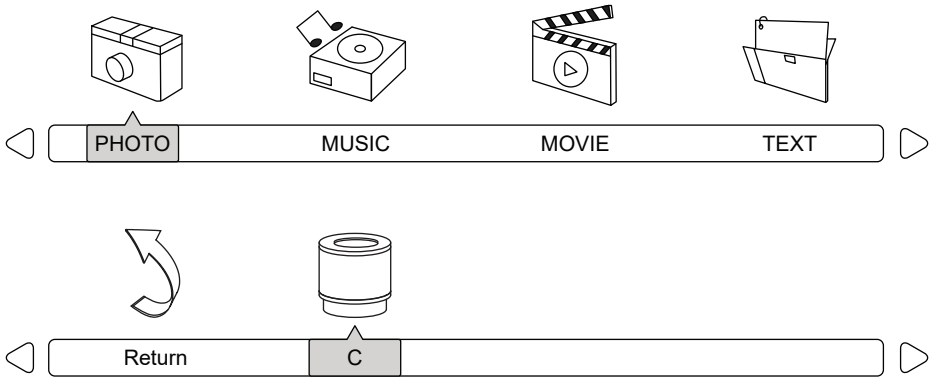
4

Photos – To view a single photo, select photo and press play. To view a slide show, select multiple photos and press play. Use on screen menu to control slide show.

Movies – To view a single video, select video and press play. To view a playlist, select multiple videos and press play. Use on screen menu to control playlist.

Music – To listen to a single song, select song and press play. To listen to a playlist, select multiple songs and press play. Use on screen menu to control playlist.
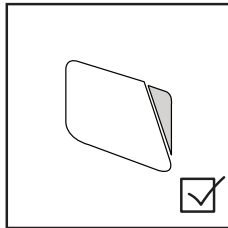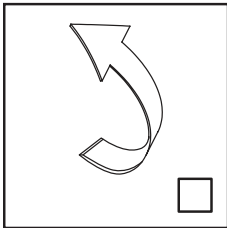
Text – To view to a single text file, select file and press play. To view a playlist, select multiple files and press play. Use on screen menu to control playlist.
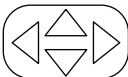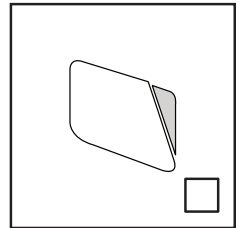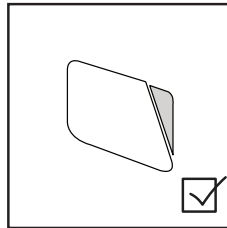
Navigate	Enter	Exit	Hide Menu
	OK	EXIT	

(RS-232C) Serial Control Of The Display

Attach an RS-232C cable (straight through type) to the RS-232C input to utilize serial control function. Control via RS232 should only be utilized by experts familiar with RS232 programing.

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	DisplayPort:	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	SMODE:	A0, F0, 55, FF, 5B, A4
(0):	A0, F0, 55, FF, 56, A9	VOL 0%:	A0, F0, 55, FF, 20, DF
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 0%:	A0, F0, 55, FF, 25, DA
Volume -:	A0, F0, 55, FF, 40, BF	Brightness 25%:	A0, F0, 55, FF, 26, D9
Channel +:	A0, F0, 55, FF, 55, AA	Brightness 50%:	A0, F0, 55, FF, 27, D8
Channel -:	A0, F0, 55, FF, 5A, A5	Brightness 75%:	A0, F0, 55, FF, 28, D7
Surround:	A0, F0, 55, FF, C7, 38	Brightness 100%:	A0, F0, 55, FF, 29, D6
CC:	A0, F0, 55, FF, 44, BB	Dash:	A0,F0, 55, FF, 2E, D1
EPG:	A0, F0, 55, FF, 49, B6	Channel Fav List:	A0, F0, 55, FF, 1A, E5
Info:	A0, F0, 55, FF, 50, AF	Channel List:	A0, F0, 55, FF, 59, A6
MTS:	A0, F0, 55, FF, 11, EE	Channel Return:	A0, F0, 55, FF, 15, EA

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

MAINTENANCE

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 display 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 display. 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. If the screen requires additional cleaning, use a clean, damp cloth. Do not use aerosol cleaners or solvents of any kind. 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 cause misuse and improper operation of the product.

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 display.

End Of Life Directives

In an effort to produce environmentally friendly products, your new display contains materials that can be recycled and reused. At the end of your display's life, specialized companies can minimize display waste by separating reusable materials from non-reusable materials. Please ensure you dispose of your display according to local regulations.
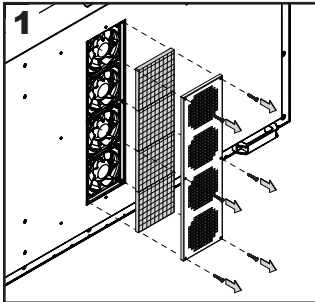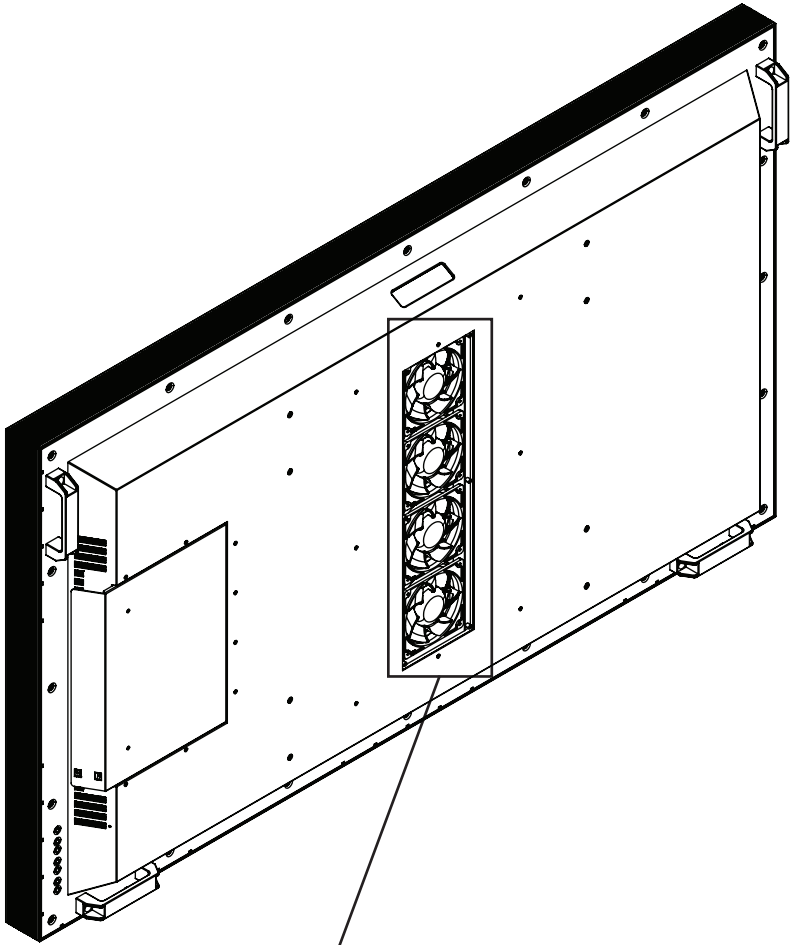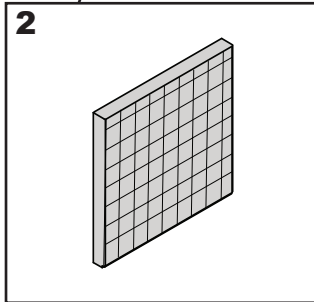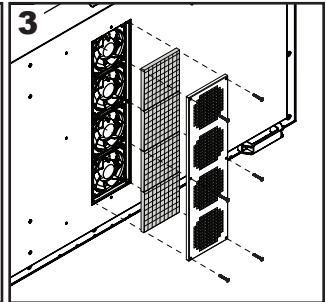
1	2	3
Remove cover.	Clean fan filter by running under water until clean.	Replace filter and cover.

XHB652

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ENG	Warranty	ESP	Garantía	FRN	Garantie	DEU	Garantie	NEL	Garantie
ITL	Garanzia	ČEŠ	Záruka	SLK	Záruka	POR	Garantia	TÜR	Garanti

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