

USER MANUAL

MODEL 650AX7UD

Before operating the TV, please read the manual completely, and retain this manual for the future reference.

© ATYME CORPORATION, INC.
500 La Terraza Blvd., Suite 150 Escondido, CA. 92025 / TEL. +1-855-922-8963

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Important Information 1

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Caution : To reduce the risk of electric shock, do not remove cover or back. No user-serviceable part. Refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the TV.

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION : CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE WITH THE FCC RULES COULD VOID THE USERS AUTHORITY TO OPERATE THIS EQUIPMENT.

FCC WARNING

This apparatus may generate or use radio frequency energy. Changes or modifications to this apparatus may cause harmful interference unless the modifications are expressly approved in the manual. The user could lose the authority to operate this apparatus if an unauthorized change or modification is made.

RADIO-TV INTERFERENCE

This apparatus 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 apparatus 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 apparatus does cause harmful interference to radio or television reception, which can be determined by turning the apparatus 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 apparatus and receiver.
- 3) Connect the apparatus 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.

The minimum separation generally be used is at least 20 cm.

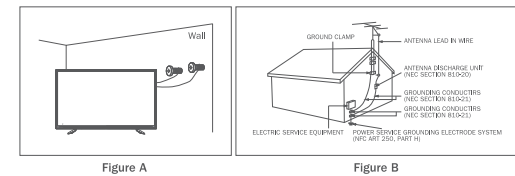
Important Safety Precautions 2

1. Read these instructions.
2. Keep these instructions.
3. Notice all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water. For example, do not use near a laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Slots and openings in the cabinet back or bottom are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. All batteries (packed or in use) must not be exposed to high temperature like heat or fire.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.
13. Unplug this apparatus during lightning storms or when unused for long periods of time. For added protection for this TV receiver during a lightning storm, or when it is left unused for long periods of time, unplug it from the wall outlet and disconnect antenna or cable system. This will prevent damage to the TV due to lightning and power line surges.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged; liquid has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This TV should be operated only from the type of power supply indicated on the rating label. If the customer is not sure the type of power supply in your home, consult your appliance dealer or local power company. For TV remote control battery power, refer to the operating instructions.

16. The TV set shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV set.
17. Never insert objects of any kind into this TV through openings as they may touch dangerous voltage or other electrical parts that could result in fire or electric shock. Never spill liquid of any kind into the TV.
18. Unplug the TV from the wall outlet before cleaning. Do not use liquid or aero cleaners.
19. Use a damp cloth for cleaning.
20. This TV should never be placed near or over a radiator or heat resource. This TV should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
21. Do not place this TV on an unstable cart, stand, tripod, bracket, or table. The TV may fall, causing serious injury to someone, and serious damage to the appliance.
22. Do not attempt to service this TV by yourself because opening or removing covers may expose you to dangerous high voltage or other hazards. Refer all servicing to qualified service personnel.
23. **WARNING :** To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
24. Pushing, pulling or climbing on the TV may cause the TV falling. Do not let children climb or hang on the TV. Always place the TV on a sturdy, level, stable surface that can hold the weight of TV. And if possible, secure the TV according to the instruction as below Figure A. (Note: The fastening components such as screws are not supplied with TV).
25. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
26. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.

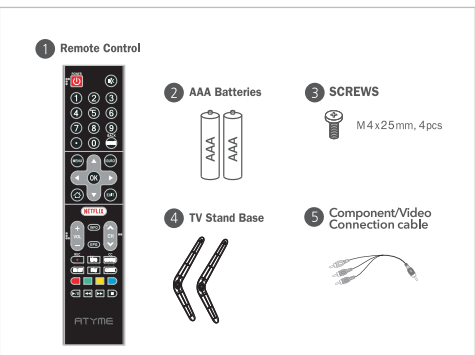
Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

See below Figure B
Note to the CATV system installer : This reminder is provided for calling the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



Preparation for Your New TV 3

Check Accessories
Check the accessories that are packed with your TV.

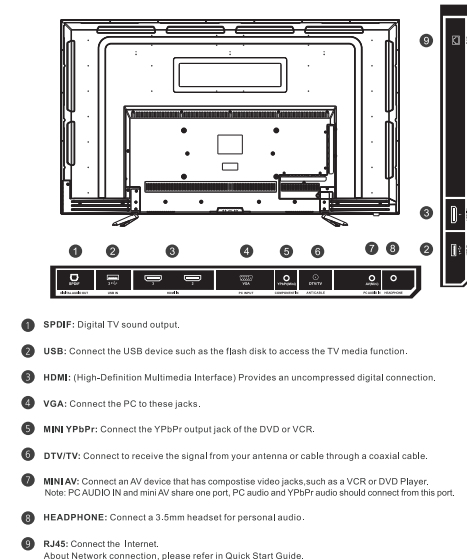


Setup TV Table Stand
Please refer to Quick start guide to carry out stand installing.

Select TV Location
Select a flat, stable table to place your TV set. Please follow the Safety Instructions when placing the TV.

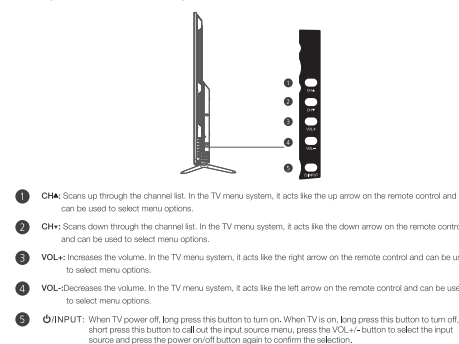
Connection and Using
After placing your TV properly, you can connect the TV with power supply and cable components. For further information, See Quick Start Guide.

TV Connectors 4

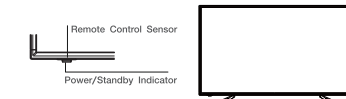


TV Buttons / Front Panel 5

Side Keypad Buttons
If you cannot locate your remote, you can use the side keypad buttons on your TV to operate many TV features.



Front Panel
About remote control working distance and angle, please refer to Quick start guide.



Power/Standby Indicator : Blue and red dual-color LED.
It shows red when the TV is turned off and blue when turned on.
Remote Control Sensor : Remote control IR sensor, which receives infrared ray sent by remote control.
NOTE: If there is a protective film around the screen, remove the protective film before using the TV.

Learning about Remote Control 6

Remote Control Buttons

POWER (): Turns the TV on or off.

MUTE (): Mute or restore the sound

Number buttons: Choose the channel directly

Decimal Point: Input the decimal point.

Return(Back): Return to the previously-viewed channel.

MENU: Access the main menu

SOURCE: Select the input source mode.

Navigation buttons: (Up/Down/Left/Right) () () () () Navigate the menu.

OK: Confirm the selection.

HOME (): Enter the home page.

EXIT: Exit the current screen.

NETFLIX: Access the Netflix interface.

VOL+VOL- : Increases or decreases the TV volume.

CH+CH- : Change to the previous or next program.

INFO: Show the detailed information.

EPG: This control button does not apply to this product.

REC (): This control button does not apply to this product.

MTS: Select desired sound output depending on the broadcasting channel.

CC: Setup the mode of closed caption.

SUBTITLE: Access the subtitle.

CH LIST: Access the channel list.

FAV: View your assigned favorite channels.

QUICK: Access the quick menu.

Color Buttons(RED/GREEN/YELLOW/BLUE): Execute the prompt function in specific mode.

PLAY/PAUSE () (): Pause or continue the playback.

STOP (): Stop playback.

FAST BACKWARD/FAST FORWARD () (): Fast review of fast forward.

NOTE:

- All pictures in this manual are examples, only for reference, actual product may differ from the pictures.
- The buttons not mentioned here are not used.

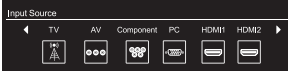
Basic Operations 7

Turning On and Off

Connect the AC cord to power on the TV. At this time the TV will enter standby mode and power indicator will turn red.
Use Power button (P) on the side panel of the TV or on the remote control to turn on the TV.
To turn off TV, you need to press Power Button over 3 second. If not, you see OSD for Input Source in TV Screen.

SOURCE SELECTION

1. Press the **SOURCE** button on the remote control, or Press Power button in TV side shortly.
2. Use the **▲** or **▼** button to select the options (TV/AV/Component/HDMI/USB) and select any of them using the **OK** button. (The screen will change to your desired source).



Note:

Before watching please make sure all necessary cables and devices are connected.

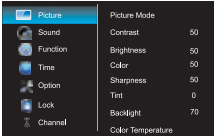
To exit the OSD menu

Press EXIT button. The menu will clear from the screen.
Press the MENU button repeatedly until the menus disappear.

Picture Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **PICTURE** in the main menu, it will highlight the first option.



Picture Mode: Choose among Sports, Normal, Mild, Save and User. The following five items (Contrast, Brightness, Color, Sharpness and Tint) can be adjusted only when the picture mode is set to "User" mode.
Contrast: Adjust the difference between light and dark areas of the picture.
Brightness: Adjust the lightness of the picture.
Color: Adjust the richness of the picture.
Sharpness: Adjust the edge of the picture.
Tint: (Only for some sources) Adjust the tint value of the color.

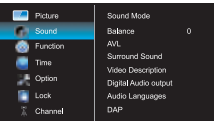
Backlight: Adjust the backlight value of the TV screen.

Color Temperature: Select the overall color tone of the picture. Choices are Cool, Standard and Warm.

Sound Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **SOUND** in the main menu, it will highlight the first option.



USB Media Play 11

USB Media Menu

Before operating Media menu, Plug in USB device, then press **SOURCE** button.
Press **▼** ▲ button to select USB Media Player in the Source menu, then press Enter button to enter.
Press **◀/▶** button to select the option you want to adjust in the main Media menu, then press Enter button to enter.

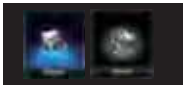


Photo Menu

Press **◀/▶** button to select PHOTO in the main menu, then press Enter button to enter.
Press **◀/▶** button to select drive disk you want to watch, then press Enter button to enter.
Press **◀/▶** button to select return option to back to the previous menu.



Press **◀/▶** button to select the file you want to watch in the file selecting menu, then press media button to display picture.



Press **◀/▶** button to select the file folder you want to search in the file selecting menu, then press Enter button on your remote control to enter sub-menu.

Movie Menu

Press **◀/▶** button to select Movie in the main menu, then press Enter button to enter.
Press menu button to return back to the previous menu and exit menu to enter.
Press **◀/▶** button to select drive disk you want to watch, then press Enter button to enter.



Press **◀/▶** button to select the file you want to watch in the file selecting menu, then press Enter button to add the file to play list, press media button to display and operate file details.

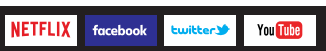


NOTE: It can not play music and TEXT format.

Smart TV Operation

Press HOME button on the remote control to enter the Main Launcher.

Press the arrow buttons **◀/▶** to select the APP, then press "OK" button to enter.



NETFLIX YOU can press "NETFLIX" button or press HOME button select the NETFLIX to enter.

After enter the NETFLIX you can see below login interface, input your account and password, press "OK" button, then you can enjoy the NETFLIX resources.

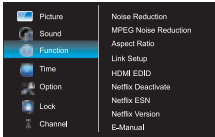
OSD Menu Operations 8

Sound Mode: Choose among Standard, Music, Movie, Sports and User. The value of 120Hz, 500Hz, 1.5KHz, 8KHz or 10KHz can be adjusted only when the sound mode is set to "User" mode.
Balance: Control the sound balance between the right and left speaker.
AVLT: Turn on to adjust the sound volume depending on the input signal.
Surround Sound: Help to create rich and wider sound from stereo sound sources.
Video Description: Turn on or turn off the video description function to help the blind or visually impaired viewers.
Digital Audio Output: Set the digital audio output mode to PCM or Auto.
Audio Languages: Set the primary or secondary digital audio language corresponding to the signal.
DAP: Digital Audio process. It can provide enhanced audio quality.
You can select DAP mode as: "Standard/Music/Move/News/Status/Game/User"

Function Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **FUNCTION** in the main menu, it will highlight the first option.

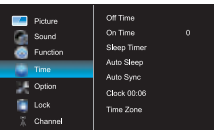


Noise Reduction: Eliminate noise in the picture. Choices are Off, Low, Middle, High and Auto.
MPEG Noise Reduction: Eliminate noise generated while converting or compressing MPEG signals. Choices are Off, Low, Middle and High.
Aspect Ratio: Select the aspect ratio (display proportions) according to your video signal type or preference. Choices are 4:3, 16:9, Movie, Native and Panorama.
Note: The choices of aspect ratio differ by different regions or sources.
Link Setup: Command and control HDMI devices connected to the TV set.
1. Enable Link: Turn on or turn off HDMI Link function.
2. Auto Power On: Turn on to power on the TV set automatically when you turn on the HDMI device.
3. Auto Standby: Turn on to change the HDMI device to standby mode automatically when you turn off the TV set.
4. Device Select: Select the HDMI device from the device list.
HDMI EDD: Switch the version of Extended Display Identification Data.
Netflix Deactive: Logout your user Netflix user account.
Netflix ESN: Check the Netflix ESN number.
Netflix Version: Check the Netflix SW version.
eManual: Electronic User Manual.
VODU Deactivation: Logout your VODU user account.
TTS: Setup the function of Text-to-Sound.
1. TTS: Turn on or turn off the TTS function. The following four items can be adjusted only when TTS is turned on.
2. Verbosity: Select the verbosity level.
3. Rate Support: Select the sound speed.

Time Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **TIME** in the main menu, it will highlight the first option.



OSD Menu Operations 9

Off Time: Setup the repeat mode and timer to turn off the TV set.

On Time: Setup the repeat mode and timer to turn on the TV set.

Sleep Timer: Set to turn off the TV set automatically. Choices are off, 10, 20, 30, 60, 90, 120, 180 and 240 minutes.
Auto Sleep: Setup the timer to turn off the TV set automatically when there is no operation. Choices are Off, 4 hours, 8 hours and 8 hours.

Auto Sync: Turn on or turn off the function of Auto Sync.

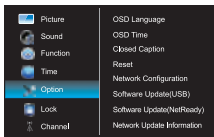
Clock: Setup the TV clock (Day, Month, Year, Hour and Minute). It is available only when Auto Sync is turned off.

Time Zone: Select the time zone. It is available only when Auto Sync is turned on.

Option Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **OPTION** in the main menu, it will highlight the first option.



OSD Language: Select your desired OSD language.

OSD Time: Select the time to keep the OSD display on the screen.

Closed Caption: Setup the function of Closed Caption.

1. CC Mode - Select the CC mode. The following three items can't be adjusted when the CC Mode is turned off.

2. Basic Selection - Select the basic CC type.

3. Advanced Selection - Select the advanced CC service type.

4. Closed Caption Option - Adjust the detailed CC settings such as font, color and so on.

Reset: Restore Menu options to the factory defaults, and restart the initial setup.

Note: User data on this TV will lose completely after operating this feature.

Network Configuration:

1. Status: Check the detailed information of network connection such as IP, MAC Address and so on.

2. WIFI: Setup to connect the TV set to the Wireless Network.

3. LAN: Setup to connect the TV set to the Wired Network.

Software Update (USB): Select to update software from USB.

Software update (NetReady): Select to update software by network connection.

Network Update Information: Show network update information such as software version and so on.

How to connect to WIFI?

Press MENU button to display the main menu.

Press **◀/▶** button to select **OPTION** in the main menu, choose the **Network Configuration**.

After pressing the **OK** button, select WIFI.

Select to WIFI setting and then on the WIFI select your WIFI network and enter the password, then select the Setting to connect the WIFI. If you want to connect a new WIFI network, please select to WIFI item and press the OK button from the remote, it will search some new WIFI network nearby the TV, select the WIFI network and enter the password to connect it.



Troubleshooting 13

TV Problems

The TV can't be turned on.

• Make sure the AC cord is plugged in,

• Check the wall outlet, make sure the AC output works normally and standby.

No picture or sound but the TV is on and there is a "No Signal" sign on screen.

• Are you trying to use an input source with no device connected to it? For using other video/audio device, make sure the external device works normally first, then press source and choose the right input source,

• The signal type option may be set incorrectly.

• The channel may be blank, Try to search the channel again or change another channel.

The sound is fine, but the picture is poor.

• If you only get black and white pictures from external device that you've connected to your TV, maybe it is due to the video cables is not connected well, or they are connected wrongly. Check the connection stability first, then check the correctness.

• For AV input, the yellow video cable connects to the yellow Video with yellow jack on component connection cable, For Component input, the three Y, Pb, Pr video cables (red, blue, and green) should be connected to the corresponding with component connection cable. This component connection cable should be plugged firmly into bottom side TV (3.5mm mini jack)

• Check the antenna connections. Make sure all of the cables are firmly connected to the TV jack on side of your TV.

• Try adjusting the color features to improve.

There is no sound, but the picture is fine.

• The sound might be muted. Try pressing the MUTE button to restore sound.

• For using AV or Component, remember to connect the device's left and right audio output correctly. The left channel cable is white and the right channel cable is red. Please match the cables and jacks according to their colors.

• The sound settings may not be set correctly.

• If your audio source has only one jack or is a (mono) audio source, make sure you have plugged the connection into the Audio In L jack (white) on the TV.

The buttons on the side panel don't work.

• Unplug the TV from the AC power for 10 minutes and then plug it back, Turn the TV on and try again.

The TV turns off unexpectedly.

• The electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormal. If the other electronic equipment in your home can't work normally, consult a qualified service personnel.

The Remote control doesn't work.

• Make sure there is a clear path,

• The remote may not be aimed directly at the TV.

• The batteries in the remote may be weak, dead, or installed incorrectly.

Put new batteries in the remote.

No Picture for HDMI 2.0 input

• HDMI Cable should be meet HDMI 2.0 spec.

• We recommend to use HDMI cable with 27Gbps speed

About Network Issue

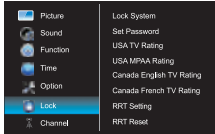
Please check it in Quick Start Guide

OSD Menu Operations 10

Lock Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **LOCK** in the main menu, it will highlight the first option.



Input the initial password (0000) or your own password to access this feature, then press **OK** button to enter the following features.

Lock System: Select On to enable the following eight items.

Set Password: Use to change the current Lock password.

USA TV Rating: Block or unblock programs according to USA TV Rating.

USA MPAA Rating: Block or unblock programs according to USA MPAA Rating.

Canada English TV Rating: Block or unblock programs according to Canada English TV Rating.

Canada French TV Rating: Block or unblock programs according to Canada French TV Rating.

RRT Setting: Adjust the settings of RRT (Region Rating Table).

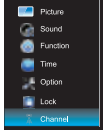
RRT Reset: Reset the RRT settings to the defaults.

Note: If you change the password and forget it, you can use the super password 8899 to enter the lock system.

Channel Menu

Press MENU button to display the main menu.

Press **◀/▶** button to select **CHANNEL** in the main menu, it will highlight the first option.



Antenna/Cable: Select the tuner mode between Antenna and Cable.

Auto Search: Search for programs automatically. If you want to stop the auto search, press EXIT button. Then select "Yes" to exit searching and "No" to continue searching.

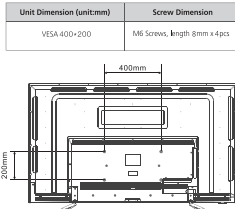
Program Edit: Edit the programs. You can press RED button to delete programs, press BLUE button to skip programs, and add programs to the favorite list by pressing Yellow button.

DTV Manual Search: Search for the DTV programs manually. The search stops when a program is found and this program will be stored automatically. Press EXIT button to exit the searching. Before DTV manual search, you need to Select the desired UHF CH.

ATV Manual Search: Search for the ATV programs manually. When a program is found, press RED button to save it. Press EXIT button to exit the searching. Before ATV manual search, you need to select the desired Current Channel. If the signal is weak or distorted, you can select "Fine Tune" to adjust the frequency slightly until the image is clear.

Signal Information: Show the signal information of current DTV channel.

Wall mount specification 14



Note:

A. The wall mount is not contained in the accessories sold with television. We only provide the installing specifications but not the wall mount itself. If you need the mount, please consult with the local dealer for a VESA wall mount.

B. We strongly suggest to set the wall mount with equipment of specification we ordered. If not, inappropriate installing may cause damage to device or people.

TV specification 15

Resolution	3840x2160
Power supply	100V~240V~50/60Hz
Power	Less than 103W
Photo	jpg, jpeg, bmp, png
Refresh Rate	60Hz
Supported TV Signal	American TV Standard(ATSC/NTSC) MTB supported
WIFI Spec	802.11 b/g/n, 2.4GHz
Connectors	
RJ45 x 1	MINI-4V x 1
HDMI 2.0 x 3	HDMI 2.0(x2)
Component x 1	Digital Audio out x1
VGA/PC x 1	Headphone out x1
Temperature & Humidity	
Operating Temperature	+32°F ~ +122°F (0°C ~ +50°C)
Storage Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
Operation Humidity	Less than 80%RH
Storage Humidity	Less than 85%RH
Dimension & Weight	
Unit Dimension (WxHxD)	57.7"Wx3.4"Dx33.4TH
Unit Dimension (WxH Stand)	57.7"Wx12.0"Dx35.2TH
Packing Dimension	63.0"Wx6.0"Dx37.8TH
Unit Weight	45.9LBS(20.8KG)
Gross Weight	57.5LBS(26.1KG)