

NEW

Software
&
Hardware Upgrade!

5.1CH Surround AV Amplifier Package with 3D HDMI and Bluetooth

INSTRUCTION MANUAL



NOTICE >

Switchable Dual Voltage : 115V or 230V(**Preset to 230V**)
Please make sure to set a right voltage before power on!

TABLE OF CONTENTS >

2	Safety Information Safety Precautions Some Do's and Don'ts On The Safe Use Of Equipment
4	Introduction Features Accessory List
5	Panel and Remote Operation Front and Back Panel Remote Control
9	Input Modes Switching Input Modes
12	Reference Troubleshooting Specifications



Digital Giant! **UBX**

SAFETY INFORMATION

Safety Precautions

To achieve the utmost in enjoyment and performance, and in order to become familiar with its features, please read this manual carefully before attempting to operate this product, this will assure you years of trouble free performance and listening pleasure.

Important Notes

- This safety and operating instruction should be retained for future reference.
- The apparatus should not be exposed to dripping or splashing or placed in a humid atmosphere such as a bathroom
- Do not install the product in the following areas:
 - o Places exposed to direct sunlight or close to radiators
 - o On top of other stereo equipment that radiate too much heat
 - o Blocking ventilation or in a dusty area
 - o Areas where there is constant vibration
 - o Humid or moist places.
- Do not place near candles or other naked flames
- Operate the product only as instructed in this manual
- Before turning on the power for the first time, make sure the power adaptor is properly connected.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

DANGEROUS VOLTAGE



Dangerous Voltages that may be of sufficient magnitude to constitute a risk of electric shock to persons are present within this product's enclosure.x

ATTENTION



The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING : TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

Note : This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

SAFETY INFORMATION

Some Do's and Don'ts on the Safe Use of Equipment

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and unplug the power before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DON'T remove any fixed cover as this may expose dangerous voltages. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on/near the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about if it's working normally or if it's damaged in any way. Switch it off, unplug the mains power and consult your dealer.

ESD Remark : In case of malfunction due to electrostatic discharge just reset the product (reconnection of mains power may be required) to resume normal operation.

INTRODUCTION

Features

- Home Entertainment AV Receiver Package with 5.1CH Speakers
- Bluetooth Connectivity
- 4 HDMI Input, 1 HDMI Output
- Easy Selectable Button to choose HDMI Receiver Mode or HDMI Switch Mode.
- 3D(1080P) HDMI Video ready
- 4K x 2K resolution support(HDMI 1.4)
- 3.5mm Aux in for MP3 Players as iPhone
- AM/FM Tuner with 22 Radio Presets(11 FM, 11AM)
- 2 MIC Input with independent MIC controls for Treble/Bass and Volume
- Digital EQ Matrix sound
- Full Function Remote control
- 300 Watts Max Sound Power
- Digital VFD Display
- Switchable Dual Power Voltage : 115V/230V (230V Preset)
- Power surge protection(Current and Voltage) and Short circuit protection
- Output : 6Channel Speaker Output : Left, Right, Surround Left, Surround Right, Center and Subwoofer
- Easy Cable connection(banana cables included)

Accessory List



Remote Control



User Manual



AM Antenna



AAA Battery x2



Banana Cable x 6ea



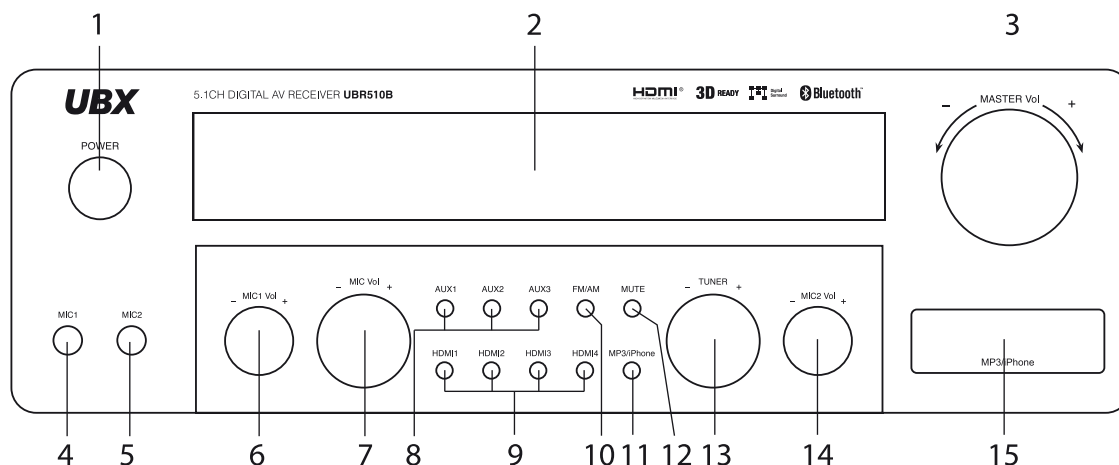
FM Antenna



HDMI Cable

PANEL AND REMOTE OPERATION

Front and Back Panel

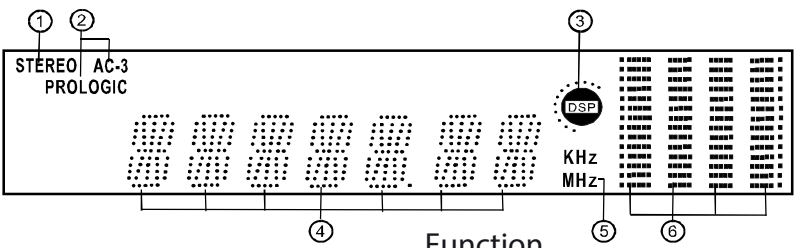


1. POWER: Turn the unit on or back to Standby
2. VFD Display: Displays information about current mode, playback etc.
3. Master Volume: Adjust master volume
4. MIC1: Microphone jack (1)
5. MIC2: Microphone jack (2)
6. MIC1 Vol: Adjust MIC1 volume independently
7. MIC Vol: Adjust master microphone volume
8. AUX 1/2/3: Switch to AUX 1-3
9. HDMI 1/2/3/4: Switch to HDMI 1-4
10. FM/AM: Switch to select FM/AM radio tuners
11. MP3/iPhone: Switch to MP3/iPhone (3.5mm AUX- in jack) input
12. MUTE: Mute or unmute audio output
13. TUNER: Adjust FM/AM tuner frequency
14. MIC2 Vol: Adjust MIC2 volume independently
15. MP3/iPhone: 3.5mm aux input jack

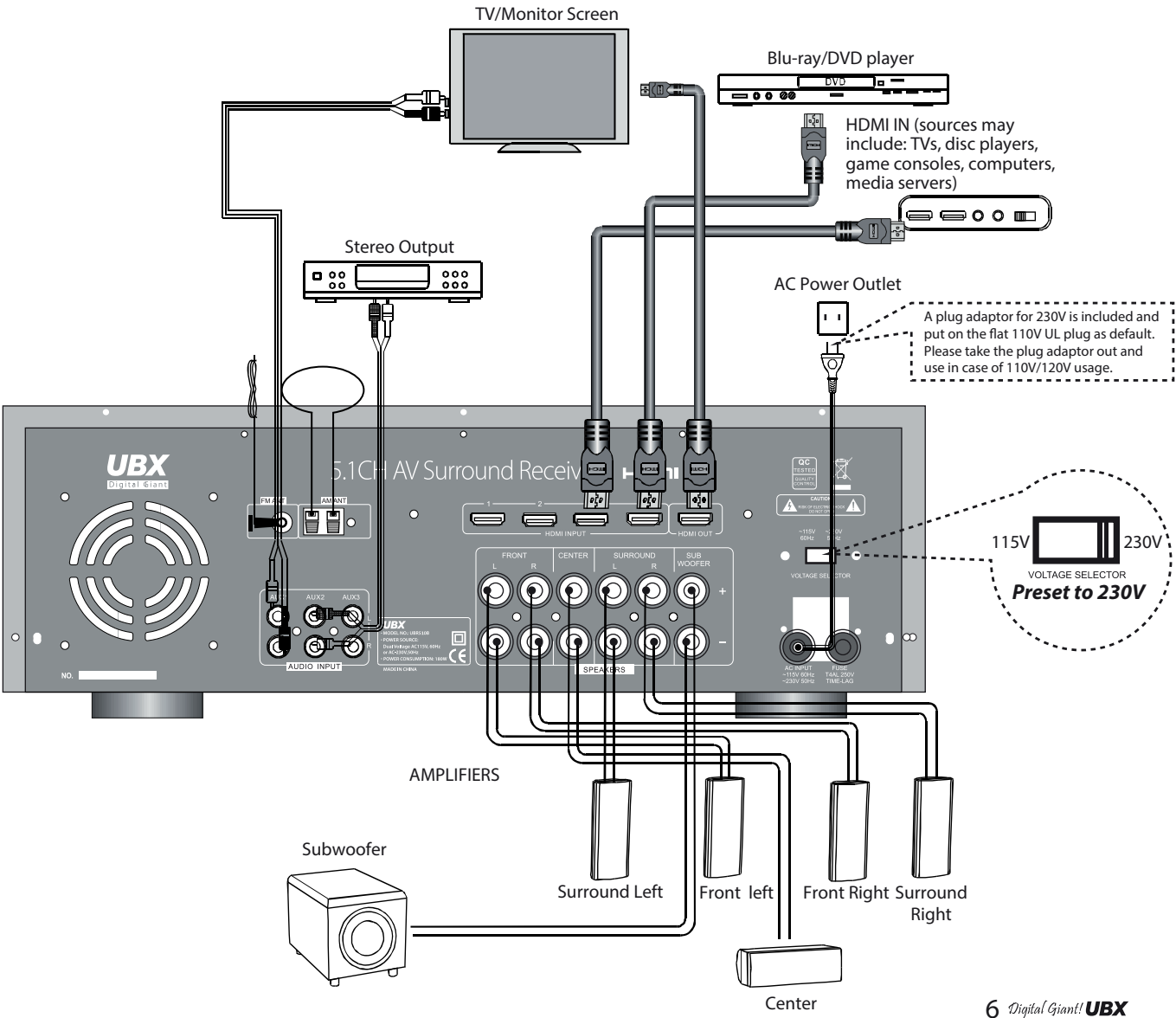
* UB510B(HDMI 1.4) is not compatible with Ethernet & ARC.

PANEL AND REMOTE OPERATION

FrontPanelDisplayWindow

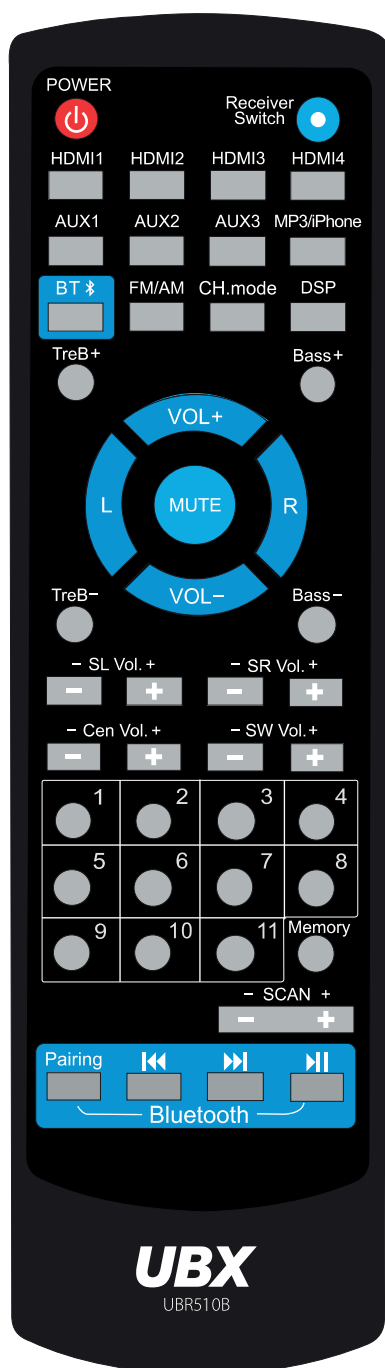
	
Name	Function
1.STEREO	DV D/CD/PHONE/TUNER/MP3/ iPhone INPUT
2.AC-3PROLOGIC	HDMI INPUT
3.DSP	DSP STATE ICON
4.DIGITALDISPLAY	Light up to display value of current input mode.
5.KHz MHz	Light up when tuner input is selected and indicates the value on the display for KHz/MHz.
6.SPECTRUM DISPLAY	Light up to display the spectrum of different channel.

Rear Panel Connection Setup



PANEL AND REMOTE OPERATION

Remote Control



- **POWER:** Turn unit on or back to Standby.
- **Receiver Switch :** Choose Receiver mode or Switch mode (Default set to receiver mode)
- **HDMI 1/2/3/4 :** Switch to HDMI input 1-4.
- **AUX 1/2/3 :** Switch to AUX input 1-3.
- **MP3/iPhone :** Switch to MP3/iPhone (3.5mm aux in jack) input.
- **BT :** Switch to Bluetooth input.
- **FM/AM :** Switch to FM/AM tuner input.
- **CH.mode :** Switch between multichannel audio
 - 2.1 : 2 channels
 - 3.1 : 3 channels
 - 5.1 : 5 channels
- **DSP :** Cycle through Digital Sound Processing options (Live/Hall/Church) by pressing the button repeatedly.

- VOL+/- : Adjust Master Volume
- L/R : Adjust Left/Right speaker sound balance
- TreB +/- : Adjust Treble balance
- Bass +/- : Adjust Bass balance
- Surround R/L Vol +/- : Adjust side surround speaker R/L volume
- Center Vol +/- : Adjust center speaker volume
- Subwoofer Vol +/- : Adjust subwoofer volume
- Numbers 1-11: Number buttons
- Memory : Use in FM/AM mode to preset stations
- SCAN +/- : Tune the frequency in FM/AM mode

Bluetooth Playback Control Buttons

Pairing: Press when ready to pair via BT

◀◀ : Play from the beginning of the track. Press again quickly to play the previous track

▶▶| : Play next track

▶|| : Play/pause from the paired device.

Mode	Audio Out	Video Out
Receiver Mode	5.1CH SPK	TV
Switch Mode	TV's SPK	TV

In case HDMI devices are well connected to receiver and to TV through the receiver by HDMI cables, by pressing “Receiver & Switch Select Button”, receiver mode or switch mode can be selected easily.

PANEL AND REMOTE OPERATION

Battery Installation

▲ CAUTION

- To prevent damage to the remote control, make sure to install batteries correctly. Do not mix old and new batteries.
- Dispose of batteries safely and appropriately. Contact your local authorities or dealer for advice on battery disposal.
- Keep batteries out of reach of children.

1. To open the battery compartment, press on the battery cover and slide it out.
2. Insert 2 AAA batteries, making sure to match +/- polarities as marked in the compartment.
3. Close the battery cover.

INPUT MODES

There are many input options available with this unit, enabling multiple connections set up at the same time and easy switching with the touch of a button. Ensure that all cable connections are fully set up before turning the system on. Press the corresponding input source button on the remote control or main unit front panel to switch to the desired mode.

- 1. HDMI 1/2/3/4** Use HDMI cables to connect to compatible Audio/Video media players for audio output and video passthrough. The video signal will be output through the HDMI OUT jack so that the picture can be shown on a connected TV while the audio is played through the home theater speakers. Please make sure that the receiver is in "RECEIVER" mode.
- 2. AUX 1/2/3** Input audio from compatible media players or TVs by using a L/R audio cable.
- 3. MP3/iPhone
3.5mm aux in jack** Input audio from iPhones, iPods, MP3 players or similar devices by using a compatible auxiliary cable.
- 4. MIC 1/2** Input audio by plugging in up to two microphones.
- 5. Bluetooth** Input audio by pairing the unit with compatible media players such as smartphones and computers.

Switching Input Modes

Use the buttons on the remote control or the main unit to switch to a desired input connection.

Note : Changing inputs may take a few seconds.

1. HDMI

HDMI input sends audio signals to the home theatre speakers and video signals to HDMI OUT in receiver mode.

Example: Blu-ray player connected to HDMI1, TV connected to HDMI OUT

- 1). Make sure that the Blu-ray player and the TV is turned on and set to the correct input source.
- 2). Switch to HDMI1 by pressing **HDMI1** on the remote control or main unit.
- 3). Start playback on the Blu-ray player. Video should display on the TV and audio output through the home theatre system.
- 4). Adjust the master and/or surround speaker volumes as desired.

Note : This setup is compatible with 3D Blu-ray players and 3D TVs. Both must be connected to play 3D movies together with the home theatre.

2. AUX

AUX input sends audio signals from a connected media device to the home theatre speakers through a L/R audio cable.

Example: TV or media system connected to the unit using a L/R audio cable at AUX1

INPUT MODES

- 1). Make sure that the media play/ TV is turned on.
- 2). Switch to AUX1 by pressing **AUX1** on the remote control or main unit.
- 3). Start playback on the connected media player/TV.
- 4). Adjust the master and/or surround speaker volumes as desired.

3. MP3/iPhone

Use a 3.5mm auxiliary cable to connect an audio player to the unit and send audio signals to the home theatre speakers.

Example: iPhone connected to the unit using an auxiliary cable.

- 1). Make sure that the iPhone is turned on and has music ready to play on the iPod app.
- 2). Switch to MP3/iPhone by pressing **MP3/iPhone** on the remote control or main unit.
- 3). Start music playback on the connected iPhone.
- 4). Adjust the master and/or surround speaker volumes as desired.

4. Radio

Listen to radio stations using the in-built FM/AM tuner

- 1). Press the **FM/AM** button on the remote control or main unit to switch to FM/AM input
- 2). Press the **FM/AM** button again to toggle between FM and AM frequencies if desired.
- 3). Press the **SCAN +/-** buttons to adjust the frequency.

Station Memory

- 1). To save preset stations, first tune to the desired station with the **SCAN +/-** buttons.
- 2). Press the **MEMORY** button.
- 3). Press the desired number for the station to be saved to.

Note : The unit can save up to 11 stations on FM and 11 stations on AM.

5. Microphone

Connect up to 2 microphones to the unit and broadcast through the speakers. This can be done in any input mode. The audio input from the microphones will be overlayed on any existing audio output and can be used for karaoke, etc.

Example: Microphone to be connected to the unit using the jack on the front panel.

- 1). Connect the microphone first, then turn on the microphone's power.
- 2). Adjust the microphone volume using the master microphone volume dial or individual volume dials as desired.

INPUT MODES

6. Bluetooth Operation

Connect wirelessly to the unit using Bluetooth technology and play music through the home theatre's speakers.

Example: iPhone connecting to the unit to play music via Bluetooth

- 1). Make sure that the iPhone is turned on and has music ready to play on the iPod app.
- 2). On the iPhone, turn Bluetooth on and start scanning for available Bluetooth devices.
- 3). Switch to Bluetooth input by pressing **BT** on the remote control.
- 4). Press the **Pairing** button on the remote control. At this moment, **BT-DEVICE** will show up on the iPhone's list of detected devices.
- 5). Choose to pair with BT-DEVICE.
- 6). The pairing should now be complete.
- 7). Start playing music on the iPhone and the audio will be transmitted wirelessly through the home theatre's speakers.
- 8). The **◀◀ / ▶▶ / ▶▶** buttons on the remote control can be used to control playback on the connected Bluetooth device also.
- 9). Adjust the master and/or surround speaker volumes as desired.

NOTICE >

- If the BT button is pressed again, the pairing will be disconnected and the unit becomes available to connect to a different device.
- Bluetooth range can be affected by interference and obstacles which may also cause the wireless audio connection to break up. For best results, avoid interference and obstacles.
- After pairing and playing a Bluetooth device, still video from a HDMI device can be shown on TV if it is still connected and powered on. Then, just change the TV's input or turn TV off.

REFERENCE

Troubleshooting:

Problem	Possible Reasons	Solutions
No power/display does not turn on	The plug is not connected properly	Check power supply and plug
	The socket has no power	Check socket and power supply
	The POWER button was not pressed	Press the POWER button
	The fuse is broken	Replace the fuse
Turns off	If irregular current is output to the speakers, the unit turns off for power surge protection.	Check the cable connections and turn the unit back on
No sound	Incorrect input source selected	Select the correct source according to the connection setup
	Cables not connected properly	Make sure the cables are connected correctly
	The sound has been muted or the master volume is turned down	Press the MUTE button to unmute or increase the volume
	Source device is not turned on or playing (in AUX/HDMI input modes)	Turn on and start playback on the source device
No sound to the two main L/R speakers	Cables not connected properly	Make sure the cables are connected correctly
	The sound has been muted or the master volume is turned down	Press the MUTE button to unmute or increase the volume
No sound to center or side surround speakers	Cables not connected properly	Make sure the cables are connected correctly
	Incorrect Channel Mode selected	Press the CH.mode button to choose the correct sound channel mode (3.1 or 5.1)
The volume of the center or side surround speakers are low	The volume is too low	Adjust the volume, including using the individual speaker volume controls
Sound from surround speakers is not in order	Speakers are not placed correctly	Refer to the instructions on setup
	Cables are not connected correctly	Make sure the cables are connected correctly
	Disc is defective	Change to a working disc
No sound in HDMI Input Mode	Source device is not turned on or playing (in AUX/HDMI input modes)	Turn on and start playback on the source device
	Source device is not set to HDMI output mode	Adjust the Output settings on the source device

REFERENCE

Problem	Possible Reasons	Solutions
Cannot operate or playback normally	Strong external interference is affecting the unit	Turn the unit off for several seconds, then turn it back on. Avoid direct sunlight or heat.
FM reception is poor	FM antenna is not able to receive optimally	Adjust the FM antenna position
Cannot scan radio stations	The signal strength of the stations is too weak	Adjust manually instead of automatic scanning
Remote control does not work	Infrared signals are being blocked by obstacles or interference	Remove obstacles or interference between the remote control and the sensor on the main unit
	Operation is out of range	Move closer and face the front of the unit where the sensor is
	Batteries are weak or flat	Replace with new batteries
Error message	The unit may be malfunctioning	Contact UBX's customer support hotline

Specifications

GENERAL

- Power Requirement : AC ~115 V, 60 Hz, or AC ~230 V, 50 Hz
- Max Power Consumption : 180W
- Operating Temperature : -40°C ~ 60°C
- Dimension (W x H x D) :
 - Main Unit : 485 x 225 x 210 mm
 - L/R Speakers (x4) : 275 x 110 x 65 mm
 - Center Speaker : 275 x 110 x 65 mm
 - Subwoofer : 345 x 345 x 390 mm
- Dimension (gift box) : 650 x 405 x 515 mm
- Weight (Net) : 25.3 kg
- Weight (Gross) : 26.3 kg

INPUT

- FM/AM Tuner
- Aux In 3.5mm
- Aux In L/R x3
- HDMI x4
- Bluetooth
- Microphone

OUTPUT

- HDMI
- Speaker system

AMPLIFIER

- Power Output : 300W max
- Frequency Response : 20Hz-20kHz
- Speaker Driver Unit :
 - Speakers: 3 inch
 - Subwoofer: 10 inch
- Signal to Noise S/N : 85dB
- Impedance : 4Ω-8Ω
- THD : 1%

TUNER

- FM Frequency Range : 87.5 MHz to 108 MHz
- AM Frequency Range : 520-1710 kHz
- Preset Stations : 11 AM / 11 FM

MICROPHONE

- Impedance : 75Ω-300Ω

* Specifications are subject to change without notice.

* Weight and dimensions are approximate.

5.1CH Surround AV Amplifier Package

with 3D HDMI and Bluetooth

Warranty Card

■ Limited Warranty

1. Limited Warranty Conditions

The limited warranty is provided to the original owner only and is not transferable to any third party. Proof of purchase will be required for any limited warranty on UBX products. UBX's warranty covers only those defects which arise as a result of normal use of the product, and do not apply to any product ;

- (1) which has been repaired or altered unless done or approved by the authorized contact point as below,
- (2) which has not been maintained in accordance with any operating or handling instructions provided by UBX,
- (3) which has been altered or damaged by accident; (4) which has been subjected to unusual physical or electrical stress, misuse, abuse, power shortage, or negligence or (5) which has been used other than in accordance with the product operating and handling instructions.

2. Limited Warranty Coverage

Subject to the above conditions, all purchasers must bring the defective products to the original place of purchase and/ or the authorized contact point with a proof of purchase. Within a period of one (1) year of the date of purchase, if the authorized Contact point receives notice of defect in any UBX product which is covered by UBX's warranty, UBX shall either repair or replace the defective product, at UBX's option.

UBX shall have no obligation to repair or replace until the customer returns the defective product to UBX according to the Warranty Procedure in below.

Accessories outside of the player console, such as earphones,

Cables and AC adapter will only carry a 90-day warranty from the original date of purchase.

For Software products, UBX's limited warranty applies only to a failure to execute programming instructions.

■ UBX product Limited Warranty Period

• Player Console | 1 Year

• Accessories | 90 Days

Model. UBR510B

3 Warranty Procedure

During the warranty period, UBX will replace or repair defective products.

Please contact the authorized contact point as below.

CUSTOMER ASSISTANCE NUMBERS:

To obtain technical support and Customer Service Assistance :

UBX WORLDWIDE Ltd. Seoul, Korea.

Address : Anam Tower BD, Suite 1918, 702-10, Yeoksamdong,
Gangnamgu, Seoul, Korea (135-565)
e-mail : support@ubxworld.com

• **Tel** : +82.2.2009.2056 • **Fax** : +82.2.2009.2057

www.ubxworld.com

If warranty service is required, UBX WORLDWIDE Ltd. will issue a Return Authorization (RA) number and instructions for proper return for repair or replace.

To prove warranty coverage: Retain your sales receipt to prove the date of purchase.

A copy of your sales receipt must be submitted at the time warranty service is provided.

Serial Number:

Digital Giant! **UBX**



UBX
Worldwide Ltd.

Anam Tower BD, Suite 1918, 702-10, Yeoksamdong,
Gangnamgu, Seoul, Korea (135-565)

Tel: +82.2.2009.2056 Fax: +82.2.2009.2057

E-mail: support@ubxworld.com