



**KEVLER**  
P R O F E S S I O N A L

**GX7UB** **PRO**

***HIGH POWER VIDEOKE AMPLIFIER***

**User's Manual**

## IMPORTANT



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’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

## CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

### **CAUTION:**

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

## **WARNING**

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flowerpot) or expose it to dripping, splashing, rain or moisture.

## **WARNING**

*Before plugging in for the first time, read the following section carefully.*

**The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., 220 V or 120 V) written on the rear panel.**

## **WARNING**

To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment.

## **VENTILATION CAUTION**

When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 30 cm at top, 10 cm at rear, and 10 cm at each side).

## **WARNING**

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed.

## OPERATING ENVIRONMENT

Operating environment temperature and humidity: +5 °C to +35 °C (+41 °F to +95 °F); less than 85 %RH (cooling vents not blocked) Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light)

If the AC plug of this unit does not match the AC outlet you want to use, the plug must be removed and appropriate one fitted. Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel. If connected to an AC outlet, the cut-off plug can cause severe electrical shock. Make sure it is properly disposed of after removal. The equipment should be disconnected by removing the mains plug from the wall socket when left unused for a long period of time (for example, when on vacation).

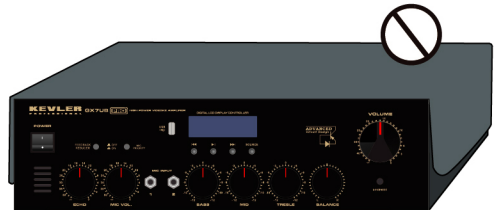
### CAUTION

The **⏻/ON** switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation).



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 appliance.

**Do not cover the vent of the amplifier**



This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

## **The Safety of Your Ears is in Your Hands**

Get the most out of your equipment by playing it at a safe level – a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time, your hearing “comfort level” adapts to higher volumes of sound, so what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### **ESTABLISH A SAFE LEVEL:**

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Once you have established a comfortable sound level, set the dial and leave it there.

### **BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:**

- Do not turn up the volume so high that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.

### **Caution**

To prevent fire hazard, the Amplifier Wiring Cable should be used for connection with speaker, and should be routed away from hazards to avoid damage to the insulation of the cable.

## **POWER-CORD CAUTION**

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electric shock. Check the power cord once in a while. When you find it damaged, ask your nearest authorized service center or your dealer for a replacement.

### **Information to User**

Alterations or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

# IMPORTANT SAFETY INSTRUCTIONS

- 1) Read this instructions.
- 2) Keep this instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) Use only the 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.



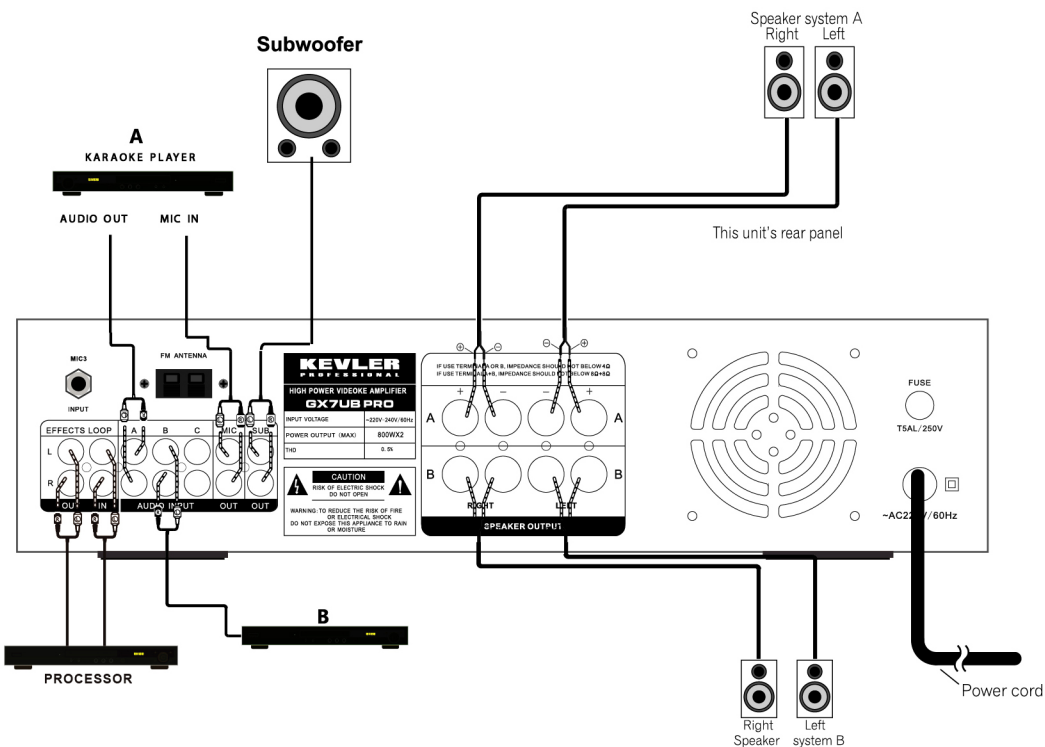
- 12) Unplug this apparatus during lightning storms or when unused for periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

# Connecting up

## Making cable connections

### ⚠ Caution

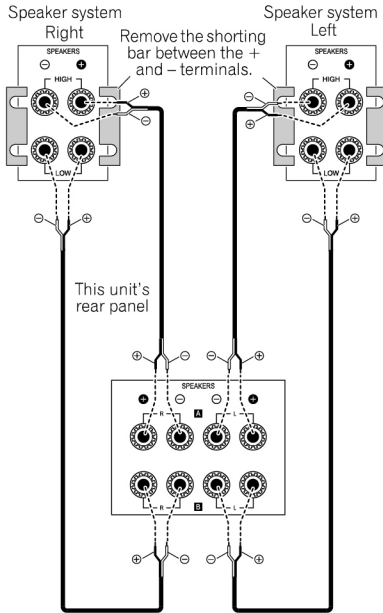
- Before making or changing the connections, switch off the power and disconnect the power cord from the AC outlet.
- Connect the power cord after all the connections between devices have been completed.



## Connecting up

### About "Bi-wiring"

This unit can be used with speakers that support bi-wiring. Be sure to connect the high-frequency and low-frequency connections correctly.



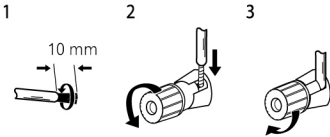
### ⚠ Caution

- When using bi-wiring to connect speakers, avoid adverse affects on the amplifier by being sure to remove the HIGH and LOW short bars provided with the speakers. For detailed information, consult the instructions provided with the speakers.
- Another method of connection is to connect the **SPEAKERS A** terminals to HIGH and the **SPEAKERS B** terminals to LOW (reverse that shown in the illustration).
- During playback, be sure that both the **SPEAKERS A** and **SPEAKERS B** are connected to the speaker properly.

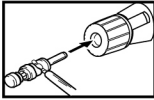
## Connecting up

### Connecting speaker cables

1. Twist the cable cores.
2. Loosen the nut on the **SPEAKERS** terminal, and insert the speaker cable into the exposed hole in the terminal shaft.
3. Retighten the terminal nut.



- If you want to use speaker cables terminated with banana plugs, screw the speaker terminal fully shut, then plug the banana plug into the end of the speaker terminal.

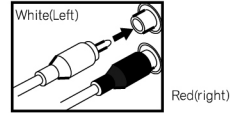


### ⚠ Caution

- **When using only one set of speaker terminals (SPEAKERS A or SPEAKERS B), or when utilizing bi-wiring connections, the speaker used should have a nominal impedance between 4 Ω and 16 Ω. When using both sets of terminals, the connected speakers should have nominal impedance between 8 Ω and 32 Ω. Consult the instructions accompanying your speakers for details regarding the impedance value.**
- Make sure the positive and negative (+/-) terminals on the amplifier match those on the speakers.
- These speaker terminals carry HAZARDOUS live voltage. To prevent the risk of electric shock when connecting or disconnecting the speaker cables, disconnect the power cord before touching any uninsulated parts.
- Make sure that all the bare speaker wire is twisted together and inserted fully into the speaker terminal. If any of the bare speaker wire touches the back panel it may cause the power to cut off as a safety measure.


### Connecting audio cables

Connect the white plug to the left (L) jack, and the red plug to the right (R) jack. Be sure to insert the plugs fully into the jacks.



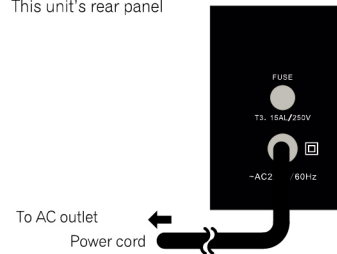
### Plugging in

#### 🔌 Important

- When going on a trip or otherwise not using the unit for an extended period, always disconnect the power cord from its outlet. Note that various internal settings will not be lost even if the power cord is disconnected from its outlet for an extended time.
- If it is necessary to detach the power cord, first be sure to press the  Power button on the front panel of the unit so the GX7UB PRO is turned OFF.

After you've finished making all connections, plug the unit into an AC outlet.

This unit's rear panel

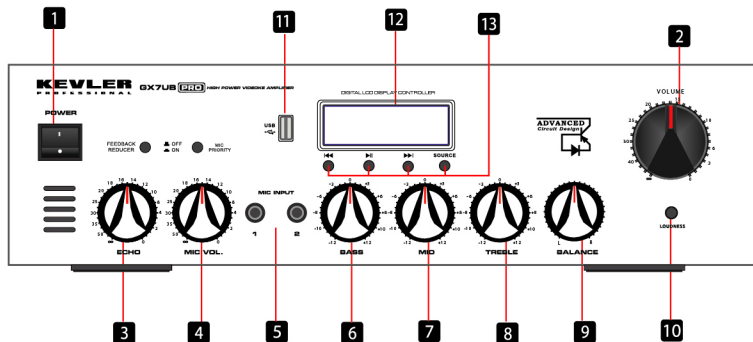


- 1 Plug the power cord into an AC outlet.



# Controls and displays

## Front panel



### 1. **⏻/ON**

Switches the amplifier between off and on.

### 2. **VOLUME control**

Use to adjust the music volume level.

### 3. **ECHO control**

Use to adjust the reverberation of the original sound.

### 4. **MIC 1 & MIC 2 Volume**

Use to adjust the volume level of the microphone.

### 5. **MIC jack**

Use to connect microphone.

### 6. **BASS tone control**

Use to adjust the low-frequency tone. The center position is the flat (normal) position. When turned to the right, low-frequency tones are emphasized; when turned to the left, high-frequency tones are de-emphasized.

### 7. **MID tone control**

Use to adjust the mid-frequency tone. The center position is the flat (normal) position. When turned to the right, high-frequency tones are emphasized; when turned to the left, high-frequency tones are de-emphasized.

### 8. **TREBLE tone control**

Use to adjust the high-frequency tone. The center position is the flat (normal) position. When turned to the right, high-frequency tones are emphasized; when turned to the left, high-frequency tones are de-emphasized.

### 9. **BALANCE control**

Should normally be in the center position. Adjust balance if the sound is louder from one of the speakers. If the right side is louder, turn toward the L (left) position and if the left side is louder, turn toward the R (right) position.

### 10. **LOUDNESS button/indicator**

Use when listening at low volume levels.  
On : Boosts low and high frequencies to give added punch to playback even at a low volume level.

### 11. **USB PORT**

Play MP3 music

### 12. **LCD**

Show all the input sources

### 13. **NAVIGATION CONTROLS**

SOURCE: Select input source (Bluetooth, FM, USB Input A/B/C).

PREVIOUS/VOLUME (-): Play previous song or station.

Long press to lower the volume level.

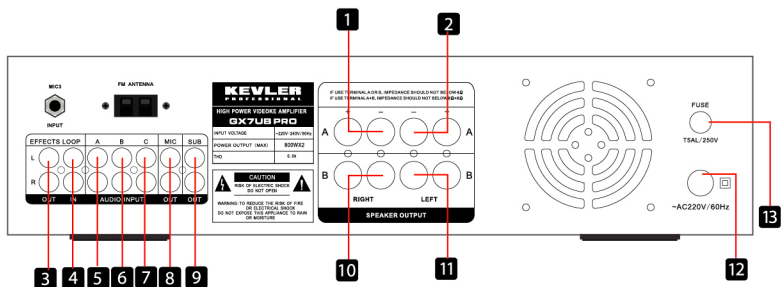
NEXT/VOLUME (+): Play next song or station.

Long press to increase the volume level.

PLAY/PAUSE: Play or pause the currently playing MP3 music.

## Controls and displays

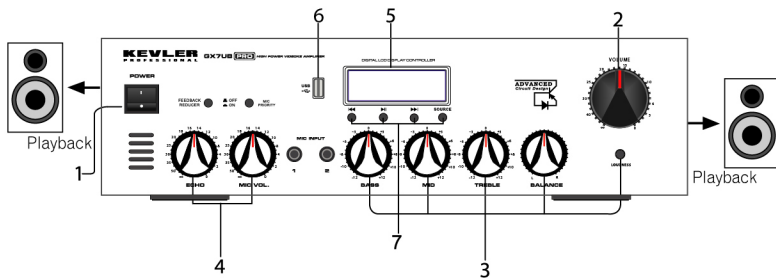
### Rear panel



1. SPEAKERS A terminals (Right channel)
2. SPEAKERS A terminals (Left channel)
3. EFFECTS LOOP OUTPUT
4. EFFECTS LOOP INPUT
5. A input terminal
6. B input terminal
7. C input terminal
8. Mic output terminal
9. Subwoofer output terminal
10. SPEAKERS B terminals (Right channel)
11. SPEAKERS B terminals (Left channel)
12. Power Cord
13. FUSE

# Operation

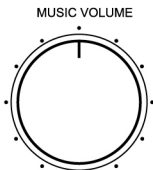
## Playback



1. Turn on the power of the unit.



2. Adjust playback volume with **VOLUME** control.



3. Adjust the tone to your preference using the BASS, MID, TREBLE, BALANCE & LOUDNESS button.

4. Adjust the ECHO and the MIC volume to your desire level

5. LCD - Show all the input sources

6. USB PORT (For MP3 Music)

### 7. NAVIGATION CONTROLS

SOURCE: Select input source (Bluetooth, FM, USB Input A/B/C).

PREVIOUS/VOLUME (-): Play previous song or station.

Long press to lower the volume level.

NEXT/VOLUME (+): Play next song or station.

Long press to increase the volume level.

PLAY/PAUSE: Play or pause the currently playing MP3 music.

## Additional information

### Specifications

#### Amplifier section

##### • Continuous power output (both channels driven at 20 Hz to 20 kHz)

THD 0.05 %, 8 Ω ..... 800W+800W

#### Audio section

##### • Input (Sensitivity/Impedance)

CD, DVD, TUNER, AUX  
..... 200 mV/50 kΩ

##### • Frequency response

CD, DVD, TUNER, AUX  
..... 5 Hz to 100 kHz  $\pm 0.3$  dB\*

##### • Tune control

###### (When VOLUME is set to -30dB)

Bass .....  $\pm 10$  dB (100 Hz)  
Treble .....  $\pm 10$  dB (10 kHz)

##### • Signal-to-Noise Ratio

CD, DVD, TUNER, AUX  
..... 105 dB\*

##### • Speaker load impedance

A, B ..... 4Ω to 16Ω  
A+B ..... 8Ω to 32Ω  
Bi-wiring ..... 4Ω to 16Ω

### Miscellaneous

Power requirements  
..... AC 220 V, 60 Hz  
Power consumption ..... 230 W

#### Dimensions

..... 430 mm (W) x 115 mm (H) x 340 mm (D)

### Accessories

Operating instructions (This document), ..... 1