

## Specifications

Model	KAA70	
Output Power	RMS 35W+35W	
Nominal Input Level (1KHz)	GUITAR input MIC input AUX IN input	-10 dBu/1MΩ -50 dBu -10 dBu
Nominal Output Level (1KHz)	UNBALANCED output BALANCED output	0 dBu -20 dBu
Speaker	5 inches x2  Power: Power supply switch Bluetooth: Bluetooth switch CH1 channel: [Bass]-bass, [Treble]-treble, [Reverb]-reverberation CH2 channel: [Gain]-gain, [Bass]-bass, [Middle]-middle, [Treble]-treble, [Chorus]-chorus, [Reverb]-reverberation	
Indicators	Power indicator, Bluetooth indicator	
Connectors	MIC: XLR multi-functional jack GUITAR input: 6.35mm AUX IN/i-Link: 3.5mm Headphone output: 3.5mm Unbalanced output: 6.35mm Balanced output: XLR DC IN: power supply	
Power Supply	DC 24V: Embedded lithium battery or AC adapter	
Current	900mA	
Battery Life per Charge	4 to 5 hours	
Size	410 (W) x220 (D) x 200 (H) mm	
Accessories	Deluxe padded carry bag, AC adaptor, Lithium battery pack, users manual	



# OWNERS MANUAL

## KAA70

70 Watt Acoustic  
Guitar Amplifier



You are now the proud owner of a Kinsman® amplifier.

Here at Kinsman, we know the art of amplifier design. Whatever your musical style, Kinsman amplifiers have the sonic capability to deliver the sound you want.

Please take a few minutes to read through the owners manual to learn how to get the best from your Kinsman amplifier.



[www.jhs.co.uk](http://www.jhs.co.uk)

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JHS. SALEM HOUSE, PARKINSON APPROACH, GARFORTH, LEEDS LS25 2HR, UK.  
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## Important Safety Instructions

### Know these safety symbols

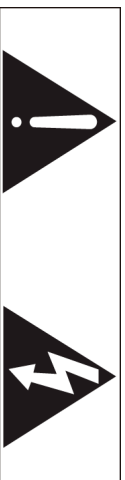


The 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

### WARNING:

To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.



- Read these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, fan heaters, stoves, or other units that produce heat.

Protect the power lead from being walked on or pinched, particularly at plugs, and the point where they exit from the amplifier.

- Unplug this amplifier during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the amplifier has been damaged in any way, such as power supply lead or plug is damaged, liquid has been spilled or objects have fallen into the unit, or the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Only connect the power supply lead to an earth grounded AC receptacle in accordance with the voltage and frequency ratings listed under **INPUT POWER** on the rear panel of this product.

**WARNING:** To prevent damage, fire or shock hazard, do not expose this unit to rain or moisture.

Unplug the power supply lead before cleaning the unit exterior (use a dry or slightly damp cloth only). Wait until the unit is completely dry before reconnecting it to a power source.

Maintain at least 6 inches (15.24 cm) of unobstructed air space behind the unit to allow for proper ventilation and cooling of the unit.

This product should be located away from heat sources such as radiators, fan heaters, or other products that produce heat.

**WARNING: THIS APPARATUS MUST BE EARTHED!**

Always use the supplied AC power adapter, if a replacement is required please contact your authorised dealer.

This product is supplied with an earthed plug. This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of this plug.

**CAUTION: DO NOT** attempt to remove the amplifier chassis, there are no user serviceable parts inside, refer servicing to qualified personnel only.

Hazardous voltages may be present within the cabinet even when the power switch is off and the power lead is disconnected.

**NEVER** attempt to bypass the fuses or fit ones of the incorrect value.

Kinman amplifiers and loudspeaker systems are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.

**Important notes for users in the UK.**

**Mains fuse –** This information applies only to products with a UK mains plug.

- This product is fitted with an approved molded plug. If you replace the fuse, use one with:
- the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.

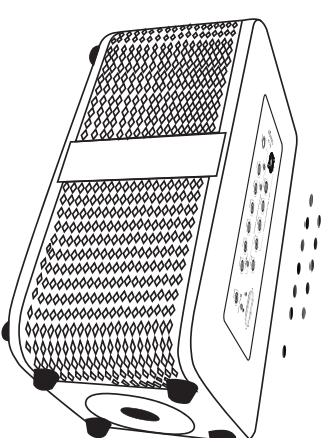
Contact your dealer if you are not sure about what type of fuse to use.

**Caution:** To conform with the EMC directive (2004/108/EC), do not detach the plug from the power lead. This product complies with the radio interference requirements of the European Community. This product complies with the requirements of the following

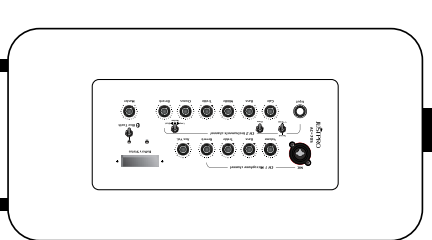
## Three Types of Placement

This portable acoustic guitar speaker KAA70 can be placed by the following three positions.

1. It can be placed horizontally or vertically on the table, stage or floor, allowing the music to come from different directions.

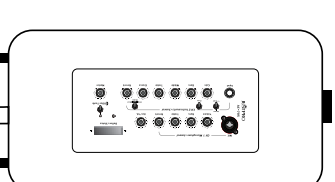


( 1 )

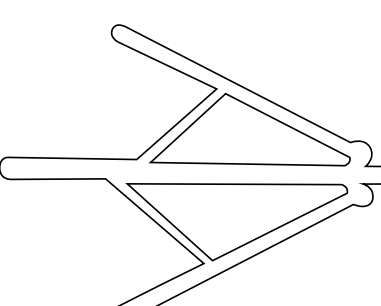


( 2 )

2. Use speaker stand



( 3 )



## SAFETY INSTRUCTIONS

directives and guidelines: 2004/108/EC + 2006/95/EC

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When a crossed-out wheeled bin symbol is printed on a product it means that the product is covered by the European Directive 2002/96/ EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

### Environmental Information

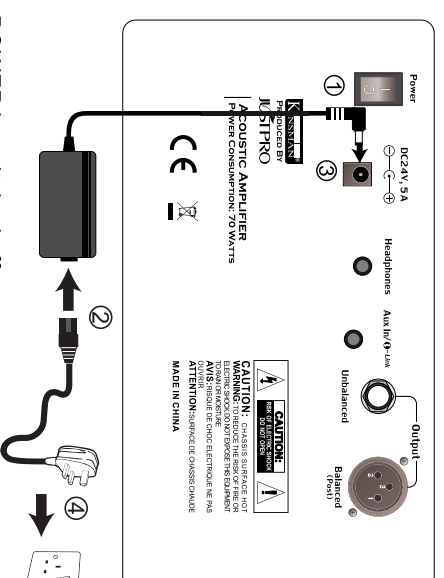
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.) Your amplifier consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

## CONNECTING POWER SUPPLY

This device can be powered by either AC adapter or battery. Please choose the right power supply based on the working conditions.

### Connecting AC Adapter

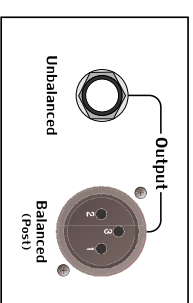
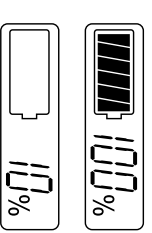
Please use the AC adapter included in the product accessories.

- 
- ① Ensure the button POWER is switched off.
  - ② Connect the power cord with AC adapter.
  - ③ Connect AC adapter with the port DC-IN.
  - ④ Insert the plug into the socket.

### Powered by Lithium Battery

This appliance has an embedded lithium battery. When there is an accidental power cut, the operations will not be affected.

- The embedded lithium battery will be in the charging status as soon as the AC adapter and power plug are connected, with the battery status screen switched on at high brightness for 3 seconds (it takes 5 hours to get fully charged when the speaker is not at work).
- Press the POWER button to turn on the speaker, and the power indicator will turn blue.
- When the battery level is lower than 10%, the power indicator will turn red and flash. Please connect the power supply through AC adapter immediately in order not to damage the battery.
- The battery can last four to five hours after it is fully charged.
- To replace the damaged battery, disconnect the power supply and other equipment first, as this can avoid equipment failure and protect the speaker and other equipment from being damaged.
- Do NOT touch the battery cover with any metal objects as this can lead to short circuit and result in battery overheating, which might cause fire.



#### 4. [OUTPUT] PORT

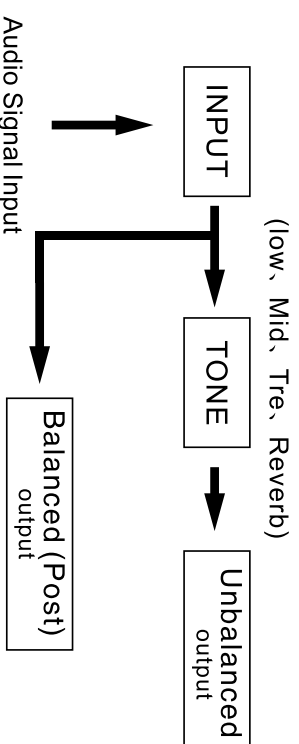
It is used to connect mixer or sound recorder

1. [UNBALANCED]: unbalanced output

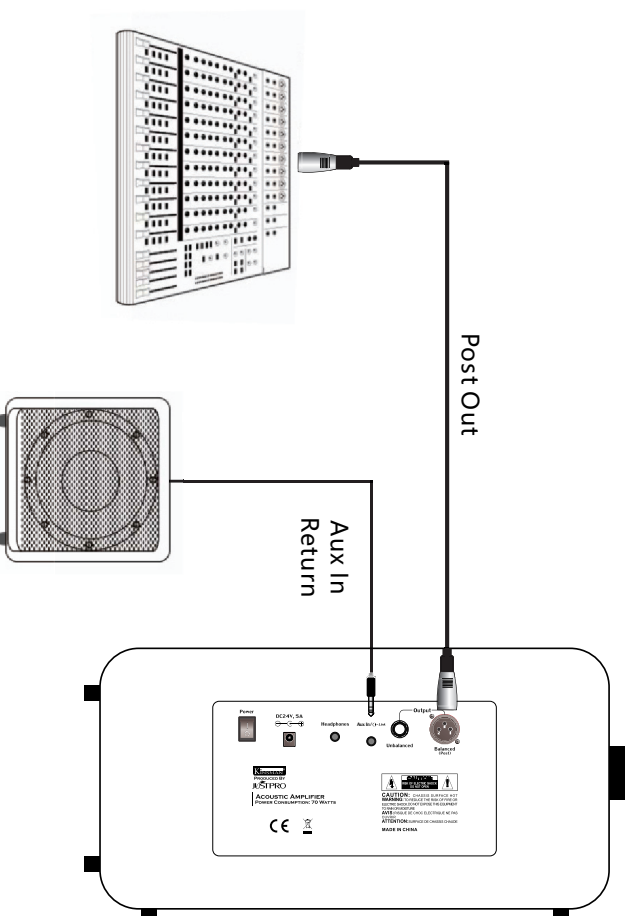
Audio signal from [UNBALANCED] port is controlled by the balance dial.

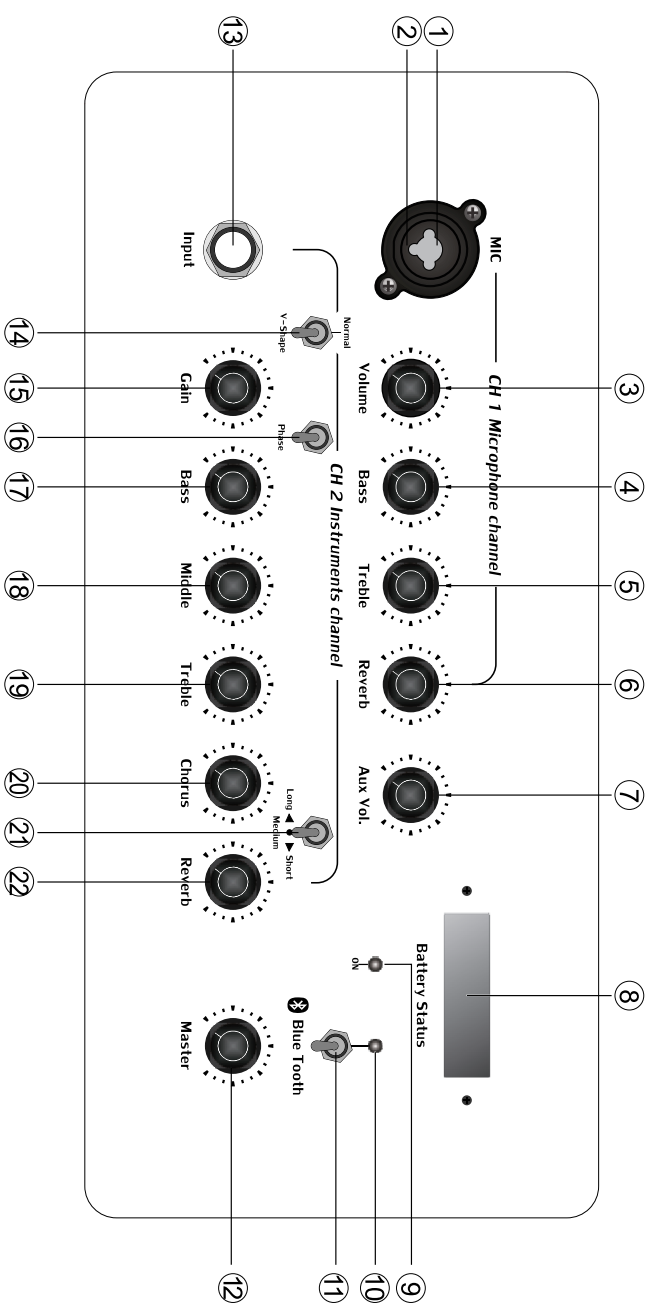
2. [BALANCED]: balanced output

Audio signal from [BALANCED] port is not controlled by the balance dial.



## Equipment Link

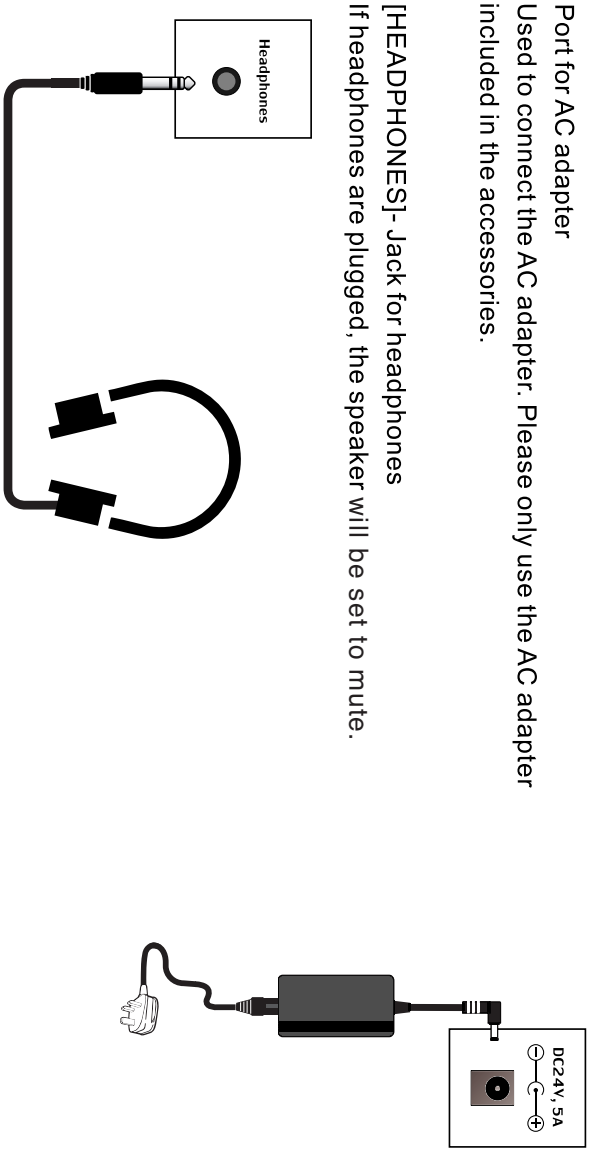




- ①. 6.35mm microphone jack
- ②. XLR microphone jack
- ③. [Volume]: Adjusts the volume of CH1
- ④. [Bass]: Controls the bass of CH1
- ⑤. [Treble]: Controls the treble of CH1
- ⑥. [Reverb]: Controls the reverb of CH1
- ⑦. [AuxVol.]: Control the volume of Aux In
- ⑧. Battery Status Screen
- ⑨. Power Indicator
- ⑩. Bluetooth Indicator
- ⑪. Toggle Switch: Bluetooth switch (when Bluetooth is successfully connected, the green Bluetooth indicator will be on)
- ⑫. [Master]: Adjusts the overall output volumes
- ⑬. [Input]: 1/4 inch socket for the input from external equipment
- ⑭. [Normal/V-Shape] toggle switch: "Normal" - output with normal bass, middle or treble frequency range; "V-Shape" - boosts the bass and treble while weakens the middle
- ⑮. [Gain]: Controls the pre-amp volume of CH2
- ⑯. [Phase]: Phase switch
- ⑰. [Bass]: Controls the bass of CH2
- ⑱. [Middle]: Controls the middle of CH2
- ⑲. [Treble]: Controls the treble of CH2
- ⑳. [Chorus]: Controls the chorus speed of CH2
- ㉑. [Long/Medium/Short]: Controls the reverberation time of CH2, which can be long, medium or short
- ㉒. [Reverb]: Controls the reverb of CH2

1. Port for AC adapter  
Used to connect the AC adapter. Please only use the AC adapter included in the accessories.

2. [HEADPHONES]- Jack for headphones  
If headphones are plugged, the speaker will be set to mute.



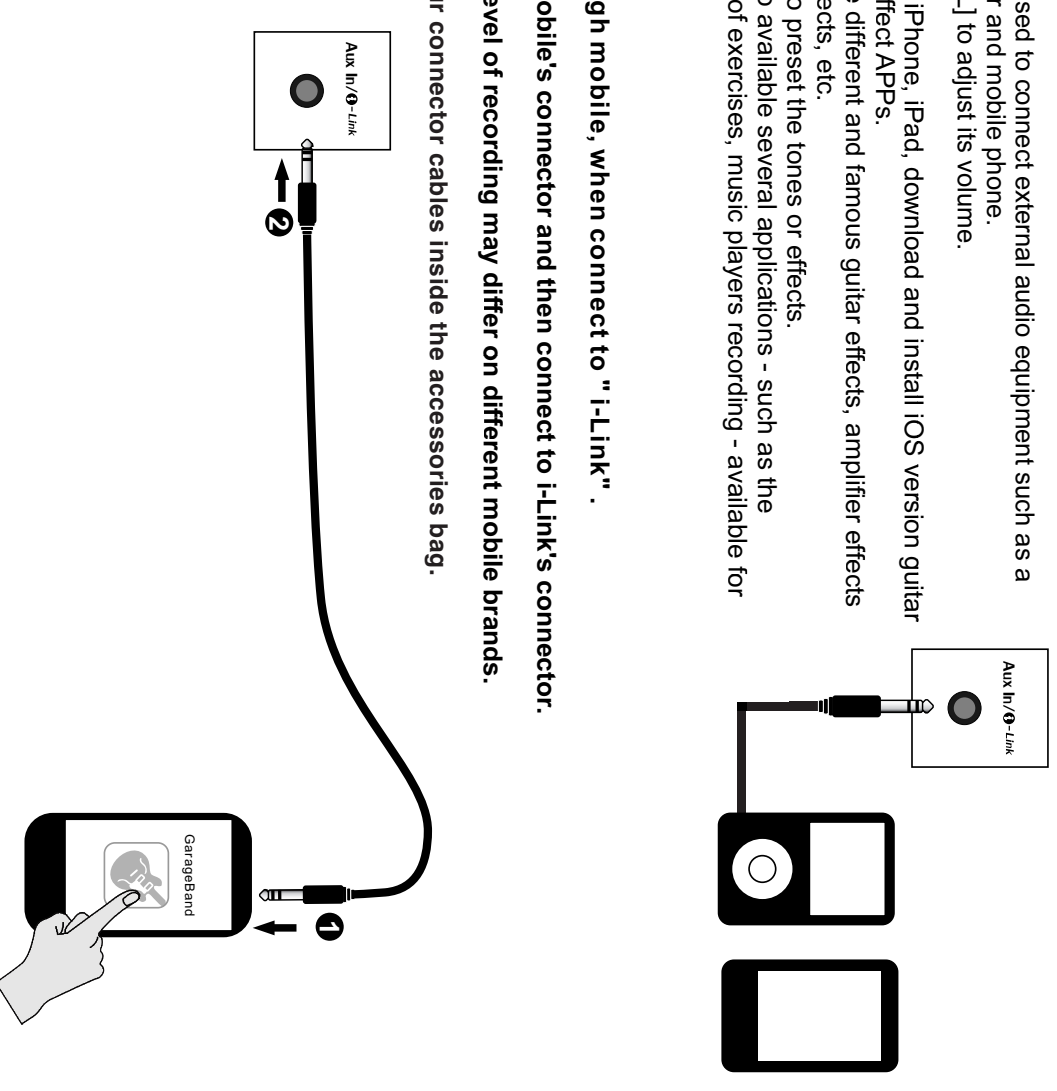
3. [AUX IN/i-Link]

1. AUX IN: It is used to connect external audio equipment such as a portable player and mobile phone.  
Use [AUX VOL] to adjust its volume.

2. i-Link: Link to iPhone, iPad, download and install iOS version guitar APP/ sound effect APPs.  
To experience different and famous guitar effects, amplifier effects and sound effects, etc.  
It is possible to preset the tones or effects.  
There are also available several applications - such as the improvisation of exercises, music players recording - available for phones.

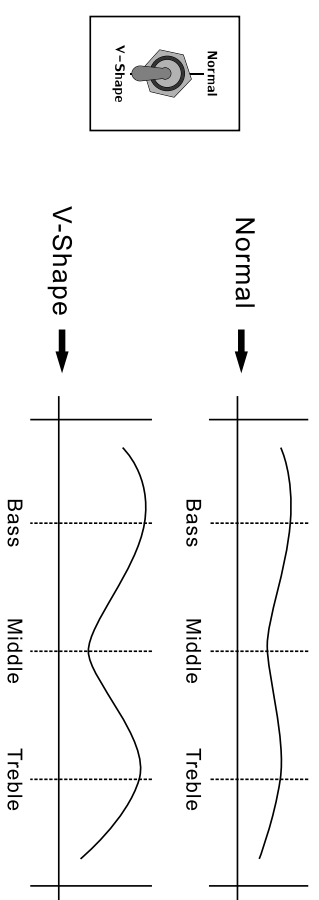
**IMPORTANT:**

- Record through mobile, when connect to "i-Link".
- Connect to mobile's connector and then connect to i-Link's connector.
- The volume level of recording may differ on different mobile brands.
- Please use our connector cables inside the accessories bag.

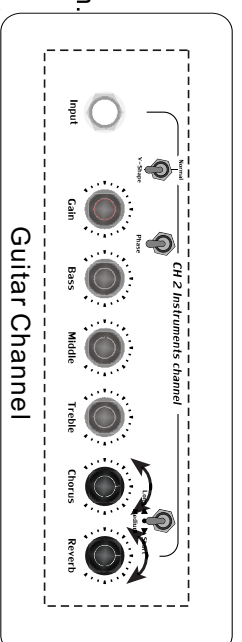




- Use the switch [Normal/V-Shapel] to adjust the frequency. When set to "Normal", the output has normal bass, middle or treble frequency range; When set to "V-Shape", the bass and treble will be boosted while the middle will be weakened.



- Chorus effect  
Use the dial [CHORUS] to adjust chorus speed.



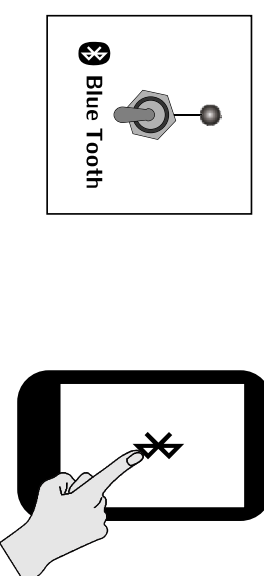
- Reverberation effect  
Turn the dial [REVERB] to adjust the reverberation.  
Use the switch [Long/Medium/Short] to control the reverberation time.

Long Reverb Time			
Medium Reverb Time			
Short Reverb Time			

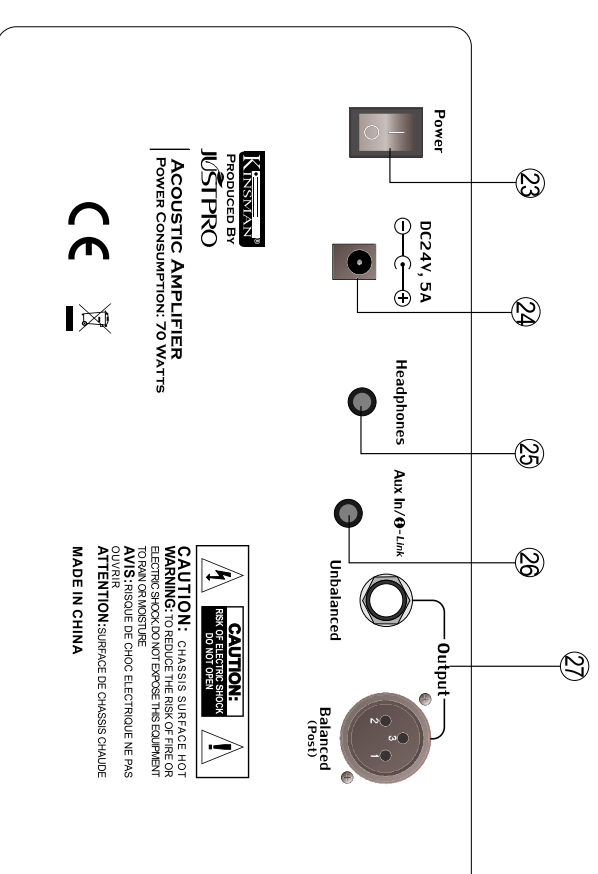
( Status of the toggle switch )

## Bluetooth Connection

- Turn on the Bluetooth switch and the indicator will flash.
- Enable the Bluetooth connection on the mobile phone to search the device "KAA70"  
Pair the device and the Bluetooth indicator will be on once the connection is successful.



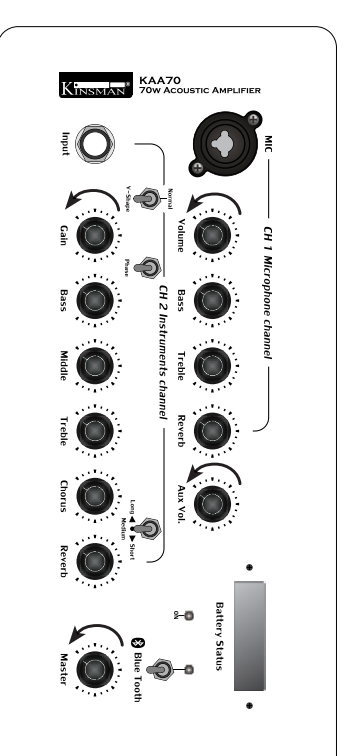
- [Power]: Power Switch
- DC Power Input
- Headphone Jack
- [Aux In/i-Link]: Used to connect MP3/laptop/CD player or other audio devices/ISO equipment input jack
- [Output]: Unbalanced & Balanced  
Unbalanced Output: The input audio signal is sent to the output directly  
Balanced Output: The input audio will be adjusted by the balance tuner



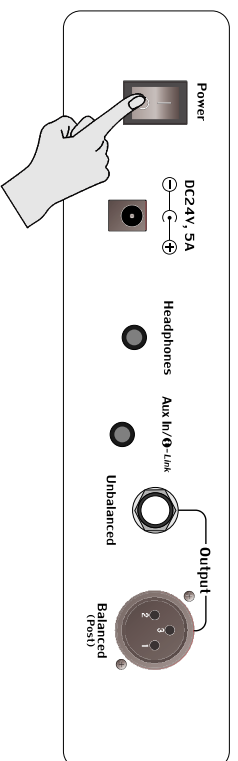
## Volume Control

### Switch ON/OFF the Power

- Ensure all equipment is powered off.
- Connect the external equipment
- Set the dials of volume and gain of each channel and the dial [Master] to 0 on the device.



4. Turn on all the equipment connected to AUX IN
5. Switch on
6. Turn on all the equipment connected to OUTPUT  
To switch the equipment off, follow the above procedure in reverse

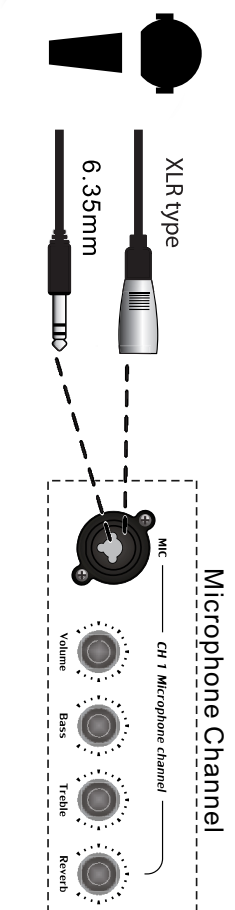


### IMPORTANT:

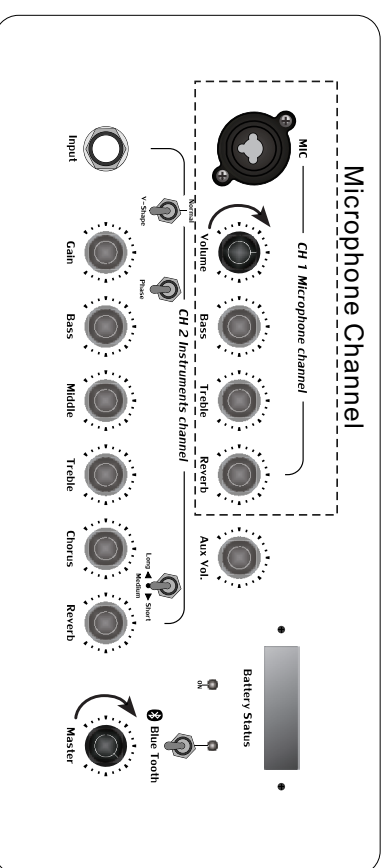
- To avoid any fault of or damage to the speaker or other equipment, adjust the volumes of all the equipment to minimal and switch all the equipment off before connecting the equipment.
- Ensure all the volumes have been set to minimal before switch the equipment on. If the volumes are set to minimal, there might still be some sound at the moment when the device is switched on. This is normal and is not caused by fault.
- If the equipment is only powered by battery, when the battery is low, the power indicator will turn red and flash, which means that the battery needs to be charged immediately.

## Microphone Channel

1. Plug in the microphone and then switch on.  
Insert the microphone into the jack [MIC] of CH1.

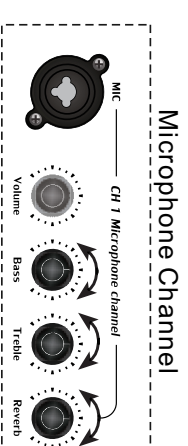


2. To adjust the volume of the microphone, turn the [VOLUME] dial of CH1.
3. Turn the [MASTER] dial to adjust the overall volume.



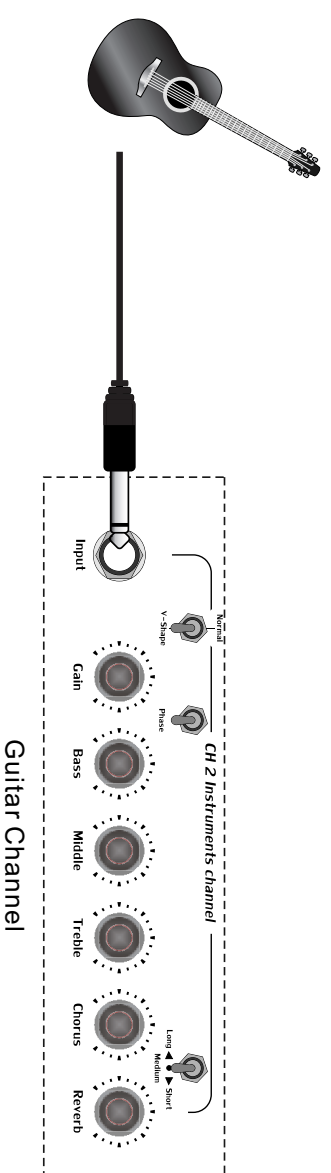
## Tone/Effect Adjustment

1. Use the dials of [BASS] and [TREBLE] of CH1 (microphone channel) to adjust the tone.
2. Reverberation effect  
Turn the dial [REVERB] of CH1 (microphone channel) to adjust the reverberation

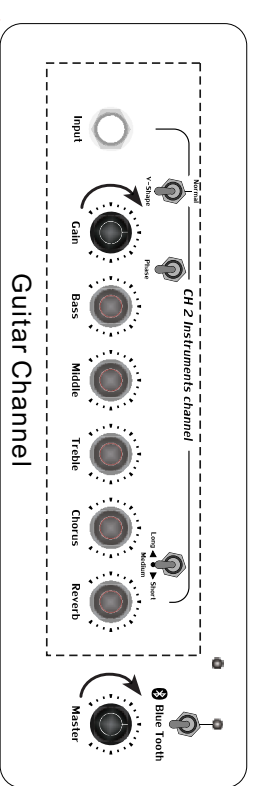


## Guitar Performance

1. Connect the acoustic guitar and switch speaker on.  
Connect the acoustic guitar to the [INPUT] of CH2 (guitar channel)



2. Set the dial [GAIN] of CH2 to the middle.
3. Adjust the overall volume through the dial [MASTER]



## Tone/Effect Adjustment

1. Use the dials of [BASS], [MIDDLE] and [TREBLE] of CH2 (guitar channel) to adjust the tone.

