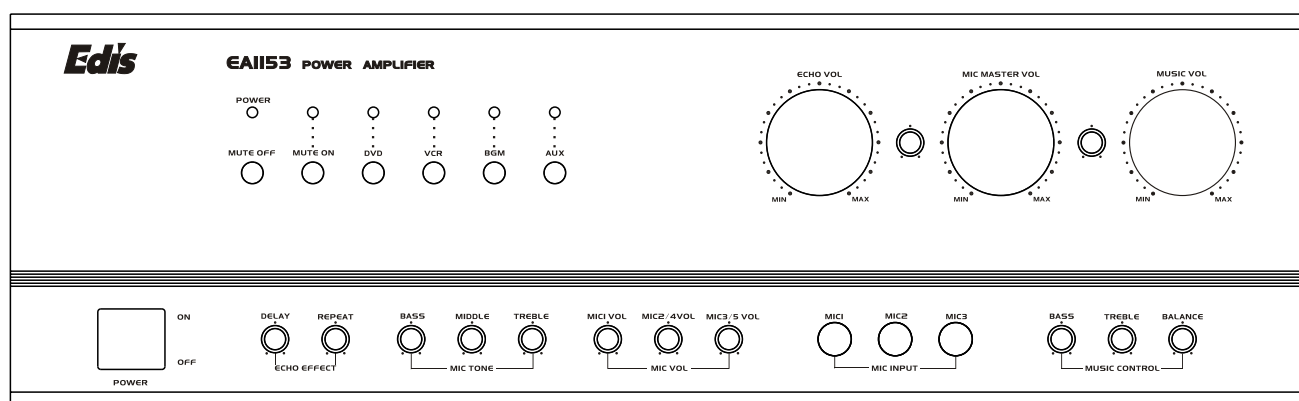


Edis

USER'S MANUAL

Power Amplifier



EA1153



Please help to protect the environment!
Dispose of this equipment at an appropriate disposal centre.

Thank you for choosing Edis products. We are confident that it will provide you with a long reliable service, but just in case you experience a problem, it is supplied with a 1-year return to base warranty.

This warranty and the product to which it relates applies to the original purchaser only and is not transferable (for the avoidance of doubt, this will be taken from the information held by the appointed national distributor at the point of sale).

The liability of the manufacturer and its appointed service company is limited to the cost of repair and or replacement of the faulty unit under warranty.

This warranty protects you against the following:

Failure of any components.

Damage when the product is first removed from its packaging if reported within 24 hours of purchase.

If you find you do have a problem with this product, you should contact the AV reseller you purchased this product from. The original purchaser is responsible for shipment of the product to the manufacturer's appointed service company for repair.

The manufacturer endeavours to replace the faulty parts of the product rather than replacing the whole unit.

This warranty does not protect this product against faults caused by abuse, misuse, incorrect installation, unstable or faulty power input, which might be caused by ignoring the guidelines set out in this guide.

Contents

| | |
|---------------------------------------|---|
| 1、 Contents..... | 1 |
| 2、 Safety Warning..... | 1 |
| 3、 Main Features..... | 2 |
| 4、 Panel Details..... | 2 |
| 5、 Indicator Light Status..... | 4 |
| 6、 Circuit Protection..... | 4 |
| 7、 Connection to other equipment..... | 5 |
| 8、 Troubleshooting | 5 |
| 9、 Main Technical Parameters | 5 |

Safety Warning



To reduce the risk of electric shock, do not remove cover (or back) there are no user-serviceable parts inside. Please refer servicing to qualified service personnel. Power Supply : 230 Volt 50 Hz



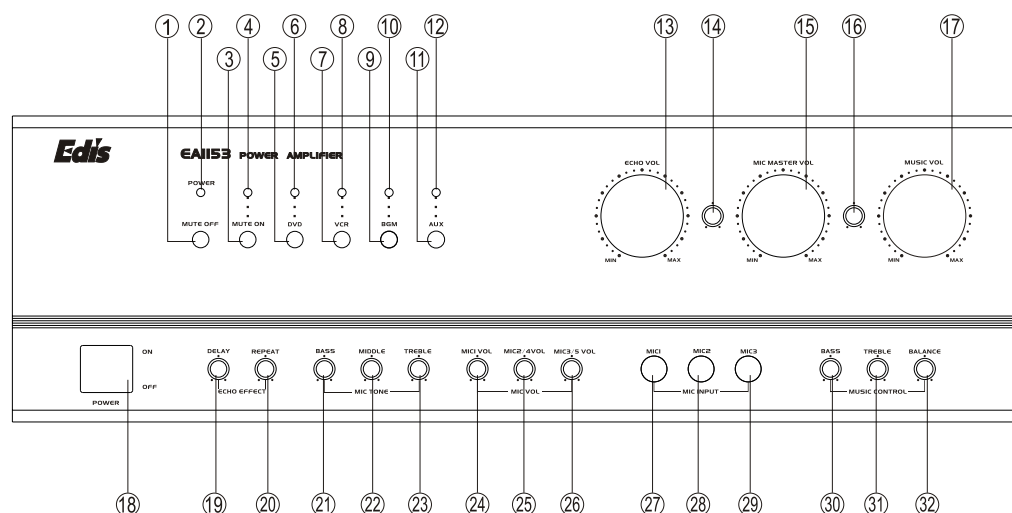
The product shall be connected to a power supply only of the type described.
To reduce the risk of fire or electrical shock, do not expose this product to damp or moisture.
Unplug the product from the wall socket when it is not to be used for a long period of time.
Adequate care shall be taken so that foreign objects do not fall, or liquids are not spilled into the enclosure through openings. Do not remove the cover or back, as there are no user-serviceable parts inside.

Main Features

- Stereo power amplifier sound system for multiple speakers in School hall etc.
- Digital amplifier with low impedance capable of connecting several speakers.
- Includes four speaker outlets.
- 5 microphone jack inputs - 3 at front and 2 at rear.
- High quality speech with echo controls.
- 4 music inputs at rear.
- Line out.

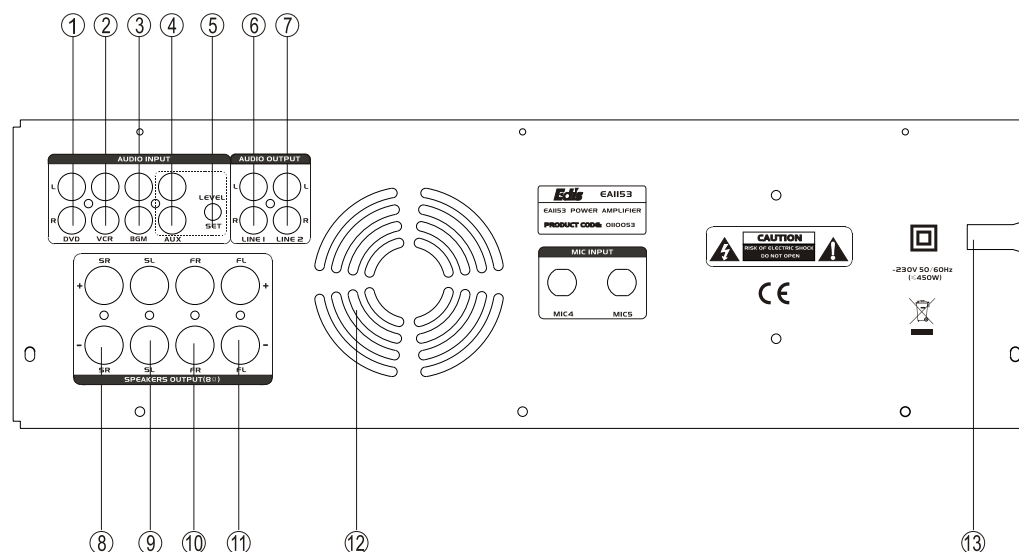
Panel Details

1、Front Panel



- | | |
|---------------------------------|------------------------------------|
| 1、MUTE OFF | 17、MUSIC VOLUME CONTROLLER |
| 2、POWER | 18、POWER ON/OFF |
| 3、MUTE ON | 19、ECHO TIME CONTROLLER |
| 4、MUTE ON LIGHT | 20、ECHO REPEAT TIMES CONTROLLER |
| 5 DVD INPUT | 21、MIC SIGNAL BASS CONTROLLER |
| 6、DVD INPUT LIGHT | 22、MIC MIDDLE CONTROLLER |
| 7、SIGNAL INPUT (VCR) | 23、MIC TREBLE CONTROLLER |
| 8、VCR LIGHT | 24、MIC1 VOLUME CONTROLLER |
| 9、SIGNAL INPUT (BGM) | 25、MIC2/4 VOLME CONTROLLER |
| 10、BGM INPUT LIGHT | 26、MIC3/5 VOLME CONTROLLER |
| 11、SIGNAL INPUT (AUX) | 27、MIC1 INPUT |
| 12、AUX LIGHT | 28、MIC2 INPUT |
| 13、ECHO VOLUME | 29、MIC3 INPUT |
| 14、MIC MASTER ADJUSTER | 30、MUSIC SIGNAL BASS CONTROLLER |
| 15、MIC MASTER VOLUME CONTROLLER | 31、MUSIC SIGNAL TREBLE CONTROLLER |
| 16、MUSIC VOLUME ADJUSTER | 32、MUSIC SIGNAL BALANCE CONTROLLER |

2、Rear Function Introduction



- 1、DVD INPUT
- 2、VCR INPUT
- 3、BGM INPUT
- 4、AUX INPUT
- 5、AUX ADJUSTER
- 6、LINE 1 OUTPUT
- 7、LINE 2 OUTPUT

- 8、SURROUND RIGHT TRACK OUT(SPEAKER) TERMINAL
- 9、SURROUND LEFT TRACK OUT(SPEAKER) TERMINAL
- 10、FRONT RIGHT TRACK OUT(SPEAKER) TERMINAL
- 11、FRONT LEFT TRACK OUT(SPEAKER) TERMINAL
- 12、FAN BLOWER
- 13、AC POWER CABLE

Indicator Light Status

1、Red Power light

- A、Power on. The red power LED indicator flashes red 5 or 6 times before normal operation of the amplifier commences.
- B、When the mute button is pressed the yellow mute LCD indicator glows and the red power light also flashes the mute light cancels when the mute function is switched off.
- C、The red power on light flashes when operation of the amplifier is interrupted for any reason by protection circuits etc .

2、Yellow Mute light

Pressing the mute on button mutes the amplifier and the yellow mute LCD flashes as a warning and the red power on LCD flashes to indicate no audio output; Pressing the mute off button restores amplifier operation.

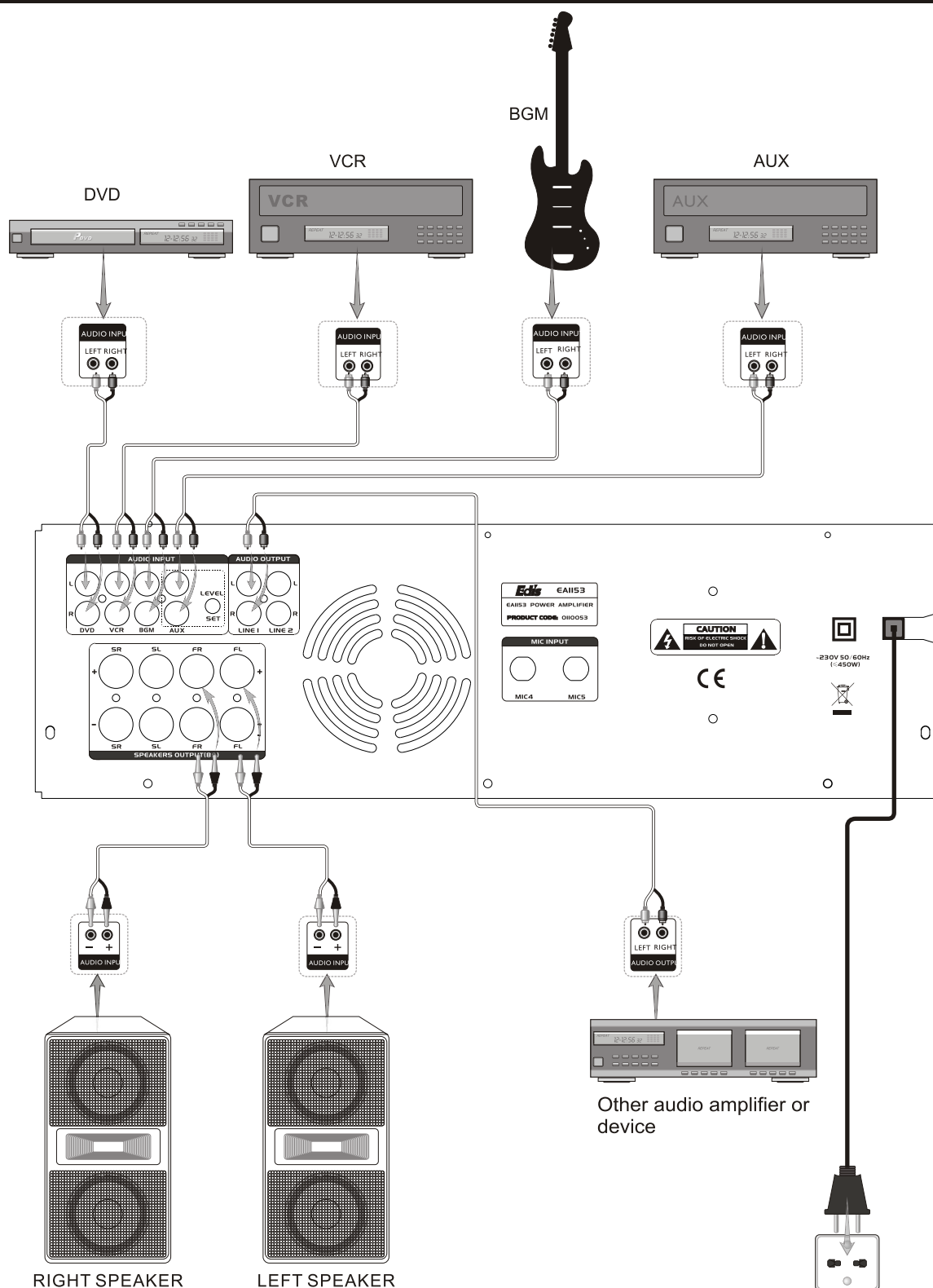
3、Green Input channel lights (DVD VCR BGM AUX)

- A、At initial Power on the DVD input is chosen automatically and the green LCD shows that the DVD input is selected.
- B、Pressing the input buttons to select a propriate input channel - a green indicator LCD light will confirm the selection.

NOTICE: ① DO NOT earth the Red speaker terminals as this will damage the amplifier.

② Ensure that you match the amplifier with suitable speakers to avoid overload damage.

Rear Panel Details



Circuit Protection

The EA1153 amplifier has three circuit protection features.

Short circuit Protection

A relay operates to cut output power when the speaker terminals are short circuit.

The Red Power light flashes if the amplifier is muted or speaker short circuited.

DC Voltage Protection

If a DC voltage is applied to the speaker terminals a protection relay should cut the output to protect the speakers. The power on light will flash and you need to seek help from a qualified maintainer to reset

Power Protection

When the power is switched on the amplifier waits 2 seconds before connecting the speakers to avoid excessive noise

Current Limit Protection

There is a mains fuse inside the amplifier to limit over current which needs to be replaced if the fuse blows.

Connection to other equipment

Before connecting the amplifier to any other equipment such as DVD player, tuner etc turn off the amplifier using the Power on button. then connect and turn power back on.

Troubleshooting

If the amplifier is not operating correctly, disconnect the power and check the symptoms in the table below. If the problem still persists contact your supplier where the amplifier was purchased.

| Problem | Causes | Corrections |
|-----------------------------|---|--|
| No Sound | <ul style="list-style-type: none">• Speaker terminal loose or disconnected• Audio input disconnected• Power plug loose or disconnected• Volume control sets to minimum | <ul style="list-style-type: none">• Re-connect speaker connection• Check and re-connect audio input• Re-connect power supply• Turn volume control to suitable level |
| Sound only from one channel | <ul style="list-style-type: none">• One speaker disconnected• One audio channel input disconnected• Left/right balance set to one side only | <ul style="list-style-type: none">• Re-connect speaker• Re-connect input• Adjust the balance setting |

Main Technical Parameters

| Number | Stereo Mode (2 Channel) | | | Technic Index |
|--------|--|-----------------------|------------|----------------------------------|
| 1 | Distortion limit output power THD \leq 2% | | | 150W \times 2 |
| 2 | Distortion or main syntong (rating conditon) | | | \leq 1% |
| 3 | Singal - to - noise ratio (Rating condition) | | | \geq 80dB |
| 4 | Load inpendance | | | 8 Ω |
| 5 | Input inpendance | | | \geq 20K Ω |
| 6 | Input sensitivity | | | 130mV |
| 7 | Rating electromotive force (Rating input electric level) | | | 500mV |
| 8 | Frequency response | | | 20Hz \sim 20KHz |
| 9 | Power supply | | | \sim 230V 50Hz |
| 10 | HWD | | | 430 \times 320 \times 145 mm |
| 11 | Weight | Net weight | | 9.6kg |
| | | Gross weight | | 11.2kg |
| 12 | Power concumption | Rating conditon | 8 Ω | 450W |
| | | Normal work condition | 8 Ω | 170W |

NOTICE: 1. The above information is for reference only .
2. The amplifier specifications may be changed without prior notice.



MODEL NO.: EA1153