



**Carlsbro Holdings Ltd**

Unit 11, Torc MK, Chippenham Drive, Milton Keynes,  
MK10 0BZ. United Kingdom  
Tel: +44(0)1908 281072  
Web: [www.carlsbro.com](http://www.carlsbro.com) Email: [sales@carlsbro.com](mailto:sales@carlsbro.com)

**Viper 350/500**

**bass amplifier**

## IMPORTANT SAFETY SYMBOLS



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.



The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety the component specified in that documentation for safety reasons.



Protective grounding terminal



Alternating current/voltage



Hazardous live terminal

ON: Denotes the apparatus is turned on.

OFF: Denotes the apparatus is turned off.

**WARNING:** Describes precautions that should be observed to prevent the danger of injury or death to the operator.

**CAUTION:** Describes precautions that should be observed to prevent danger of the apparatus.



Use only with 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.

## IMPORTANT SAFETY INSTRUCTIONS

☐ Read these instructions. ☐ Keep these instructions.

☐ Heed all warning. ☐ Follow all instructions.

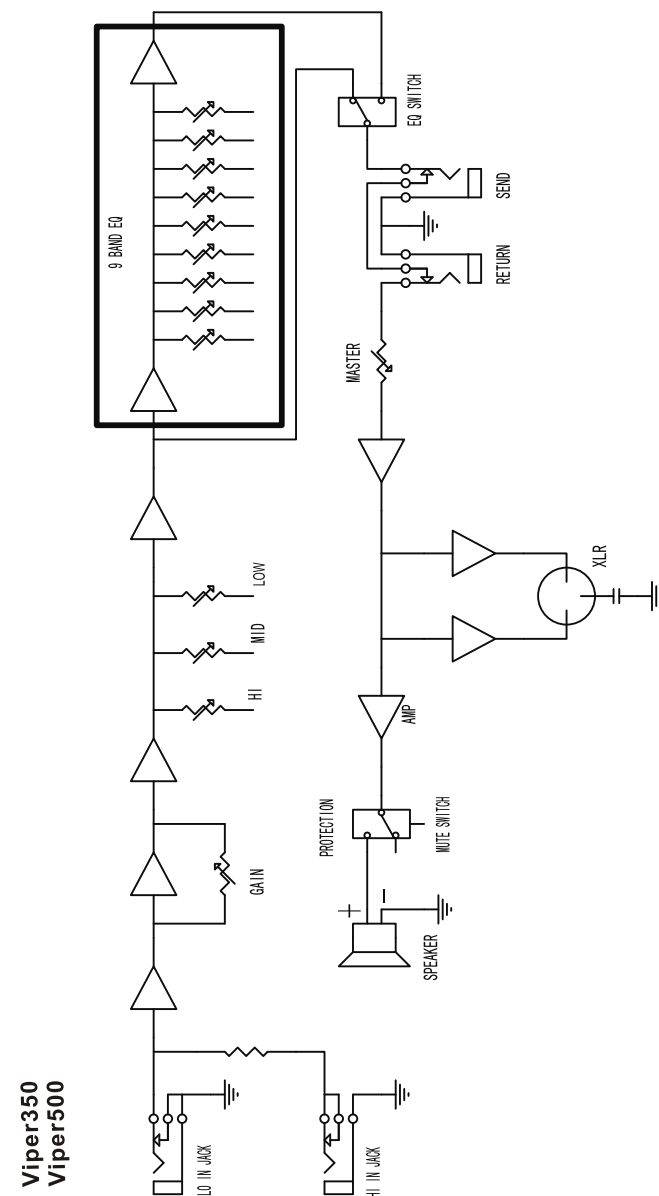
### ☐ Water & Moisture

The apparatus should be protected from moisture and rain, can not used near water, for example: near bathtub, kitchen sink or a swimming pool, etc.

### ☐ Heat

The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.

## Block Diagram



## SPECIFICATIONS

### INPUT CONNECTORS

Passive / active

### TONE CONTROL RANGE

Bass: +/-18dB @ 50Hz

Mid: +/-18dB @ 500Hz

Treble: +/-18dB @ 10kHz

### GRAPHIC EQ RANGE

32Hz: +/-15dB

64Hz: +/-15dB

125Hz: +/-15dB

500Hz: +/-15dB

1KHz: +/-15dB

2kHz: +/-15dB

4kHz: +/-15dB

8kHz: +/-15dB

### OUTPUT CONNECTORS

Speaker out ×2

XLR

EFX loop

Return / send

Footswitch

### OUTPUT POWER RATING

350Watts RMS, 4 ohm load(**Viper350**)

500Watts RMS, 4 ohm load(**Viper500**)

### DIMENSIONS

467×123×368mm

## FEATURES

350w / 4 ohm(RMS)**Viper350** 500w / 4 ohm(RMS)**Viper500**

Passive / active input

Pre amp vol

3-band EQ

9-band graphic equalizer

Post amp vol.

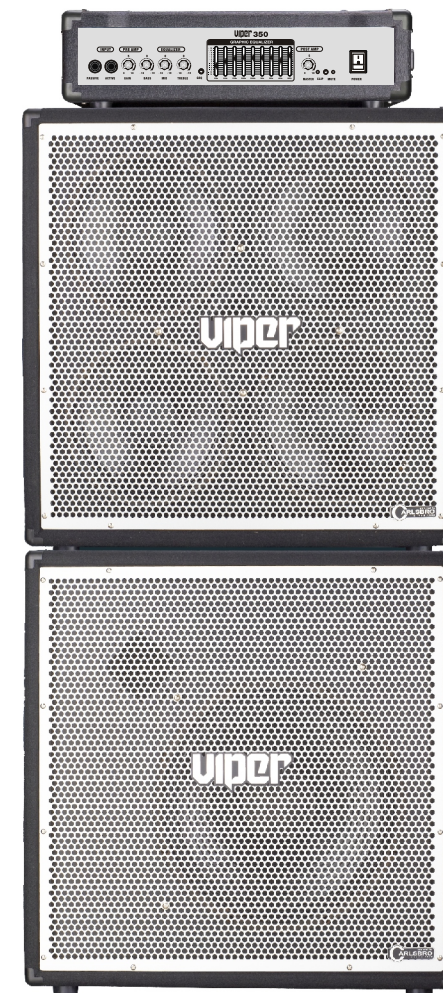
Mute switch

Effect send / return.

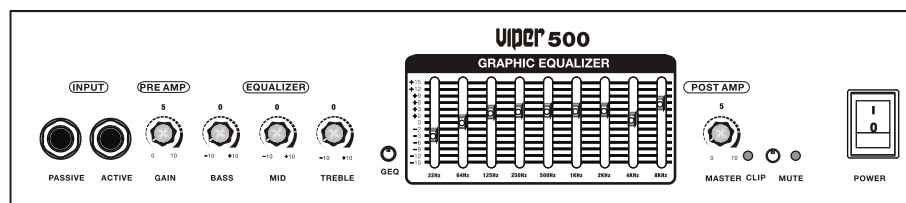
XLR output

Speaker out

Footswitch



## Viper 350/500 bass amplifier



### FRONT PANEL

#### CONTROL PANEL

##### INPUT

##### ACTIVE

This input jack should be used with instruments having a built-in (on board) preamp, for example active bass guitars.

##### PASSIVE

This input jack is designed to accommodate passive instruments. (A passive instrument has no built-in preamp and does not use a battery).

##### PRE AMP

##### GAIN

This control adjusts the level of the preamp section.

##### EQUALIZER

##### BASS

This control adjusts the level of the Low frequencies.

##### MID

This control adjusts the level of the Mid frequencies.

##### TREBLE

This control adjusts the level of the Hi frequencies.

##### GRAPHIC EQUALIZER

##### GEQ

Depress this switch to enable the 9-band graphic EQ. The LED On the Sliders illuminate when the EQ is on.

##### 9-BAND GRAPHIC EQUALIZER

Use these sliders to boost and cut 15dB of the 9 frequencies (32Hz, 64Hz, 125Hz, 250Hz, 500Hz, 1kHz, 2 kHz, 4kHz, 8kHz).

## Viper 350/500 bass amplifier

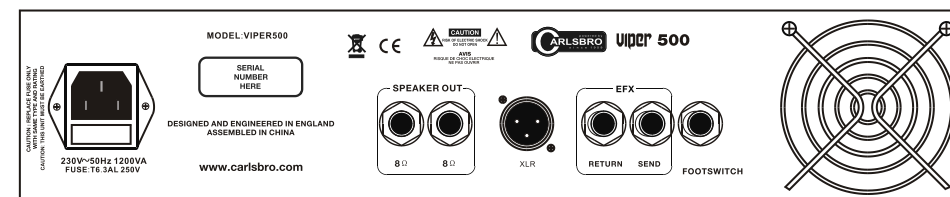
### POST AMP

#### MASTER

This knob controls output level of the amplifier.

#### MUTE

Depress this switch to mute all outputs of the amplifier, and the LED flashes.



### REAR PANEL

#### AC IN

Firmly insert the supplied AC power cord into this socket until it is fully seated. Plug the male end of the cord into a grounded AC outlet.

#### SPEAKER OUT

These mono 1/4" jacks offer a convenient method of connecting the amplifier to speaker using cables terminated with 1/4" plugs.

#### XLR

This jacks supply a balanced preamp output signal for connecting to a house mixing board, recording console or external amplifiers with balanced inputs.

#### EFX

#### RETURN

When using an external signal processor, connect the output of the effect to this jack by using a shielded instrument cable to feed the processed signal into the unit.

#### SEND

When using an external signal processor, connect the input of the effect to this jack by using a shielded instrument cable to send the post-EQ signal to the effect for processing.

#### FOOT SWITCH

This is to connect with footswitch for switching on/off graphic equalizer.