Features

(1) Input - Connects the electric guitar.
(2) Gain 1 - Adjusts the amount of distortion in Gain 1 channel.
(3) Gain 2 - Adjusts the amount of distortion in Gain 2 channel.
(4) LED for Gain 1 - Indicates when Gain 1 channel is in use.
(5) LED for Gain 2 - Indicates when Gain 2 channel is in use.
(6) Contour - Adjusts the overall tone quality of Gain 2 channel. Low Contour setting emphasizes midrange.
(7) Gain Switch - Selects Gain 1 or Gain 2 channel in O.D. channel.
(8) Bass - Adjusts the amount of low frequency boost or cut as desired in O.D. channel.
(9) Mid - Adjusts the amount of mid frequency boost or cut as desired in O.D. channel.
(10) Treble - Adjusts the amount of high frequency boost or cut as desired in O.D. channel.
(11) Level - Controls the complete signal of the overdrive channel.
(12) Channel Switch - Selects between clean and overdrive channel.
(13) LED for Overdrive Channel - Indicates when O.D. channel is in use.
(14) LED for Clean Channel - Indicates when clean channel is in use.
(15) Level - Controls the complete signal of the clean channel.
(16) Bass - Provides desired amount of bass response in clean channel.
(17) Treble - Provides desired amount of high frequency equalization in clean channel.
(18) Reverb - Adjusts the reverb effect.
(19) Master - Controls the overall signal level of the guitar amplifier.
(20) Chorus Switch - Controls the chorus function ON and OFF.
(21) Chorus LED - Indicates when chorus is ON.
(22) Depth - Adjusts the desired signal modulation.
(23) Depth - Produces a vibrato effect with Depth control turned up.
(24) Phones - Connects a stereo headphone.
(25) Power Switch - Turns the amplifier ON or OFF.
(26) AC Inlet - Connects AC power cord.
(27) Fuse Holder - Contains primary fuse.
(28) Ground Lift - Remove ground from the circuit to eliminate excessive 60 cycle hum.
(29) External Speaker Jack - Connects the external speaker(s) with a minimum impedance of 4 ohm, and the internal speaker will be disconnected.
(30) External Speaker Jack - Connects the external speaker(s) with a minimum impedance of 6 ohm.
(31) Line Out - Connects a unit with line level input, e.g., mixer.
(32) Footswitch Jack - Connects a footswitch to switch between overdrive channel and gain/Gain 2 channel.
(33) Footswitch Jack - Connects a footswitch to switch between overdrive channel and gain/Gain 2 channel.
(34) Footswitch Jack - Connects a footswitch to switch between overdrive channel and gain/Gain 2 channel.
(35) Return Level - Controls the returning signal level.
(36) Footswitch Jack - Connects the guitar amplifier to output of an effects unit.
(37) Send Level - Controls the sending signal level.
(38) Send Jack - Connects the guitar amplifier to input of an effects unit.
## Specifications

**Output Power (a)**
- 50W+50Wrms into 8ohm at 1% THD
- 75W+75Wrms into 4ohm at 1% THD

**Output Power (b)**
- 100W+100Wrms into 8ohm at 1% THD
- 120W+120Wrms into 4ohm at 1% THD

Depends on the actual purchased model for output power (a) or (b)

**Input**
- Impedance: 500Kohm
- Maximum Input Level: -45dB

**Power Consumption (a)** 250W
**Power Consumption (b)** 450W

Depends on the actual purchased model for power consumption (a) or (b)

**S/N Ratio** Greater Than 80dB

**Speaker** Celestion Seventy 80 (No speaker in case of Head version)

**Effects Send**
- Load Impedance:
  - 1Kohm or Greater
- Nominal Output Level: -8dB

**Effects Return**
- Impedance: 100K ohm
- Optimum Input Level: -8dB

**Line Out**
- 0dB / 1Vrms
**Phones**
- 60mW into 8ohm

**Equalization**
- Bass: +/- 15dB at 50Hz
- Middle: +/- 10dB at 600Hz
- Treble: +/- 18dB at 3KHz

**Dimensions / Weight**

**Combo Version**
- 689W x 524H x 284D mm / 25.1kgs

**Head Version**
- 700W x 260H x 275D mm / 16kgs
IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a 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.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.

WARNING- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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