

PJD AMPLIFIERS

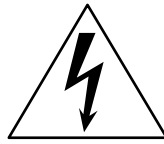


Plex 18

User Manual

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Mains powered apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Turning off the power switch does not completely isolate this product from the power line so remove the plug from the socket if not using it for extended periods of time.
- Install this product near the wall socket and keep the power plug easily accessible.
- **WARNING**—This apparatus shall be connected to a mains socket outlet with a protective earth connection.
- 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.
- Do not install this equipment in a confined space such as a box for the conveyance or similar unit.
- Excessive sound pressure levels can cause hearing loss.
- 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.





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.



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 product.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
AVERTISSEMENT: RISQUE DE CHOC ÉLECTRIQUE—NE PAS OUVRIR.		
注意	感電の恐れあり、キャビネットをあけるな	



Caution

To reduce the risk of electrical shock do not remove the rear cover. No user serviceable parts inside.



Caution

This amplifier is capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use caution when setting or adjusting volume levels during use.



Caution

Fuses and valves in this appliance must only be replaced with equivalent items of the correct type and rating.



Warning

Switch off appliance and disconnect plug from mains before replacing fuses or valves. Allow valves to cool before removing.



Correct disposal of this product: This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2002/96/EC) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

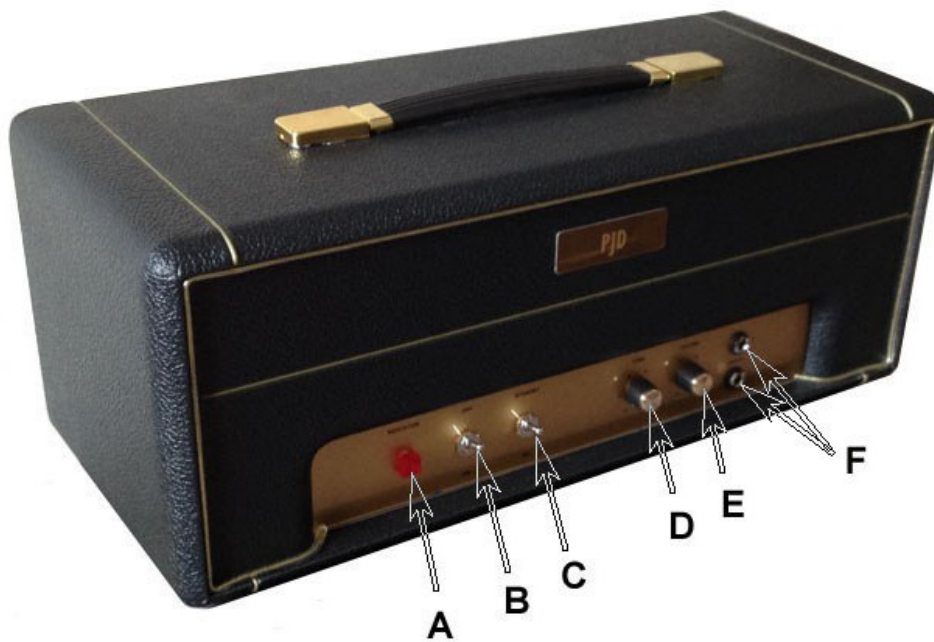
Plex 18 Amp

The Plex 18 is based on the Marshall 18 watt circuit from the 1960's. It is a single channel amplifier with high and low gain inputs and volume and tone controls. Using a pair of EL84 output valves in cathode biased push-pull configuration the Plex 18 delivers a classic big sound at realistic gigging volumes.

Features include:

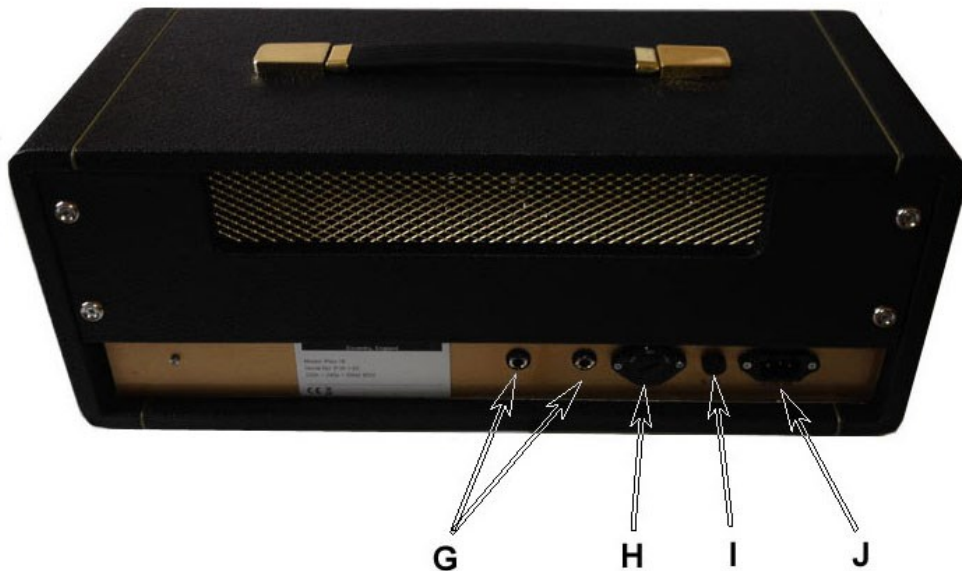
- Hand built and hand wired in the UK to the highest standard.
- All valve signal path.
- Single channel with high and low gain inputs.
- EZ81 rectifier valve.
- ECC83 preamp valves.
- EL84 output valves.
- High quality components selected for low noise and vintage tone.

Front Panel



- A. Power indicator light. Illuminates when the unit is switched on.
- B. Power switch. Turns the unit on or off. When turning on there will be a delay while the valves warm up before any sound will be produced. To prolong valve life avoid turning the unit on and off repeatedly in a short space of time.
- C. Standby switch. When the amp is on the standby switch will mute all output. Use the standby switch during short breaks to avoid warm up time when returning to play.
- D. Tone control. Turn clockwise for a brighter tone, anti-clockwise for a darker tone.
- E. Volume control. Turn clockwise to increase the volume, anti-clockwise to reduce the volume.
- F. Guitar input sockets. Input 1 is high gain, input 2 is low gain.

Rear Panel



- G. Speaker outputs. Connect to a suitable external speaker cabinet (refer to information on speakers below).
- H. Impedance selector. Set to the correct impedance for your speaker cabinet(s) (refer to information on speakers below).
- I. Mains fuse. Replace only with a fuse of the correct value (T1A 250v).
- J. Mains input. Connect IEC mains lead here.

Information on Speakers

The speaker outputs are wired in parallel to enable connection of either one or two speaker cabinets. If connecting a single cabinet it can be plugged into either of the two output jacks and the impedance selector should be set to match the impedance of the cabinet, e.g. if using an 8 ohm cabinet set the impedance selector to 8 ohms.

If using two speaker cabinets connect one to each output jack and set the impedance selector to match the total load, e.g. if using 2 x 16 ohm cabinets set the impedance selector to 8 ohms or if using 2 x 8 ohm cabinets set the impedance selector to 4 ohms.

Suitable speakers for this amplifier must have a total load of either 4, 8 or 16 ohms and be able to handle at least 18 watts RMS.



Caution

Never operate this amplifier without a suitable speaker load connected — Serious damage may result to the unit if a suitable speaker load is not connected.

Specifications

- Dimensions (H x W x D) 220 x 514 x 210mm
- Weight 10 Kg
- Output Power 18 Watts RMS into 4, 8 or 16 ohms
- Inputs High and low gain jacks
- Outputs Jack connectors for external speaker cabinet(s)
- Valves V1 ECC83, V2 ECC83, V3 EL84, V4 EL84, V5 EZ81
- Power Supply 220 – 240v ~ 50Hz
- Power Consumption 80 Watts

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