



Plexi 7



Owner's Manual

Amplifier P.A.T tested for safety _____

DC Developments
Musical Equipment Design & Development
Unit 13 Rosshill Industrial Park, Southend-on-sea, Essex
SS2 5PZ, England

Tel/Fax +44 (0)1702 610964
www.cornellamps.com

INTRODUCTION

Thank you for choosing a Cornell *Plexi Seven* Amplifier

Your amplifier employs valve technology. It is hand built. Only top quality components are used so that you can enjoy years of trouble-free use.

The *Plexi Seven* is an exciting new amplifier that sounds much bigger than it looks.

Please take time to read this manual, to ensure that you get the best from your amplifier.

Valve Replacement

Valve life varies depending upon playing style and application. Power valves have a much shorter life than pre-amp valves, which can last for years.

To maintain the optimum performance of your amplifier, the valves should only be replaced with the same valve types.

***Plexi Seven* valves are:**

V1 - 12AX7/ECC83; V2 - 12AX7/ECC83; V3 - EL84

Warning

When changing valves, ALWAYS unplug the amplifier, and remember that the VALVES ARE HOT! Wait for valves to cool, or replace valves when the amplifier has not been used for several hours.

DO NOT allow anything to obstruct or touch the output valve in the back of the cabinet.

Remember it is very hot when in use.

We are always happy to assist in any way we can, so please do not hesitate to contact us.

WARNING

To prevent damage, fire or shock hazard, do not expose this amplifier to rain or moisture.

No user serviceable parts inside. Refer servicing to qualified personnel only.

This unit must be earthed. Use the correct mains cord.

CONTROLS

PRE-AMP

INPUT

Jack plug input connection for your electric guitar.
High impedance input connection for instruments.

VOLUME

Adjusts the gain of the pre-amp and is used to set the overall volume of the amplifier.

The volume control also acts as a switch, when pulled the switch defeats the tone circuit. This adds middle and gain.

PULL EQ CUT

This is a bypass for the tone controls (tone stack). The tone controls do not operate and you will find a large increase in gain.

TREBLE The treble control increases the high frequency response.

BASS The bass control increases the low frequency response.

EDGE The Edge control adds extra bite to the tone.

OUTPUT STAGE

OUTPUT SWITCH

This switch alters the output power: Position A=7 Watts, position B=1 Watt, position C=1/4 Watt position D=1/8 Watt.

Note that, unless the volume is adjusted above the power selected, you will not notice any change in output level.

OUTPUT The output jack socket is connected to an 8 Ohm internal speaker.

MAINS INDICATOR

When illuminated, there is power to the amplifier.

MAINS FUSE

The fuse holder contains the mains fuse for the amplifier. The mains fuse protects the amplifier from electrical faults.

HT FUSE (located on the speaker side of the chassis)

Protects the output valve.

Replace a failed fuse only with the same type and rating.

PLEASE NOTE

Do not operate the mains switch without a 30 second delay between operations.

There is an internal thermistor to reduce mains surges. This protects the amp and helps to ensure a long life for the components. The thermistor works by introducing a resistance in the circuit when the power is switched on. Within a few seconds the thermistor heats up and its resistance reduces, allowing the full current to flow into the mains transformer. After switching off the amp, it takes a few seconds for the thermistor to cool down and to return to its initial, protective resistance value.

The output reduction circuit reduces the voltage on the output valve it will increase the life of the output valve If the amps is used on any of these settings and also when switching the amp on and off.

SPECIFICATIONS

POWER	..	115 Volts AC, 60Hz, 35 Watts (USA) 230 Volts AC, 50Hz, 35 Watts (GB)
FUSES Mains	..	T630 mA (for the 115 volt US model) T250 mA (for the 230 volt GB model)
HT	..	T50mA
INPUT IMPEDANCE	..	Input Hi 2.2 MegOhm
CONTROLS	..	Pre-amp Volume, bass, treble, Edge
OUTPUT	..	7 Watts RMS, Class 'A'
CABINET	..	Plywood-shell and baffle.

1x 10" DIMENSIONS .
Height: 14.5 in (430 mm)
Width: 16.5 in (360 mm)
Depth: 7¾ in (210 mm)

WEIGHT 29.7 lbs (13.5 Kg)

1x 12" DIMENSIONS
Height: 19.75 in (500 mm)
Width: 10.25 in (450 mm)
Depth: 7¾ in (260 mm)

WEIGHT 41.8 lbs (19 Kg)

AMP HEAD ONLY: NO SPEAKER CABINET.

DIMENSIONS 17 x 8.75 x 8.25 in
(430 x 220 x 210 mm) .

WEIGHT: 21.56 lbs, 9.8 Kg

OPTIONS (on request) Colours, speaker cabinet