



NOTE: VOLTAGE CHART NOT COMPLETE

VOLTAGE CHART

	1	2	3	4	5	6	7	8	9
12AX7	-	-	0	*	0	-	12	-	-
12AX7	-	-	-	-	-	-	-	-	-
12AX7	-	-	-	-	-	-	-	-	-
6X4	320	160	100	0	5.7	-	0	-	-
6X6	-	-	-	250	0	0	-	17	-
6X4	-	390	-	340AC	-	340AC	-	390	-

ALL VOLTAGES MEASURED WITH HIGH IMPEDANCE VOLTMEETER
 ALL CAPACITORS RATED 450 VDC OR GREATER
 CAPACITOR VALUES IN UF UNLESS NOTED
 ALL RESISTORS 1/2 WATT UNLESS NOTED
 RESISTOR VALUES IN OHMS
 ALL POTENTIOMETERS 1/4 WATT OR GREATER
 BOXED VALUES ARE DC VOLTS

LAST PART # USED.

R43, C22, P8

12AB5 November

SCALE: NONE FOR THE REAL NOVEMBER SEE: [HTTP://WWW.AX84.COM](http://www.ax84.com)
 DATE: 11/30/2005 DRAWING BY: SEAN WEATHERBOD

THIS CIRCUIT INSPIRED BY THE NOVEMBER AMPLIFIER FROM THE AX84.COM WEBSITE. THE POWER TRANSFORMER IS FROM AN OLD WEBCOR HI-FI AND AN OT FROM SOME UNKNOWN DONOR. 12AB5'S OFFER THE SAME PERFORMANCE AS 6V6'S AND ARE MUCH CHEAPER.

NOVEMBER W/12AB5 DRAWING NUMBER: WA.12AB5N

BE SURE +END OF CAPACITOR IS CONNECTED TO CIRCUIT GROUND. SHOULD BE OPPOSITE OF POWER SUPPLY CAPACITORS

BIAS ADJUST -15 TO -25VDC

PRESENCE LINEAR
 SET FEEDBACK RESISTOR PER DIAGRAM
 BASS LOG
 MIDDLE LINEAR
 TREBLE LINEAR

- V1-12AX7
- V2-12AX7
- V3-12AX7
- V4-12AB5
- V5-12AB5