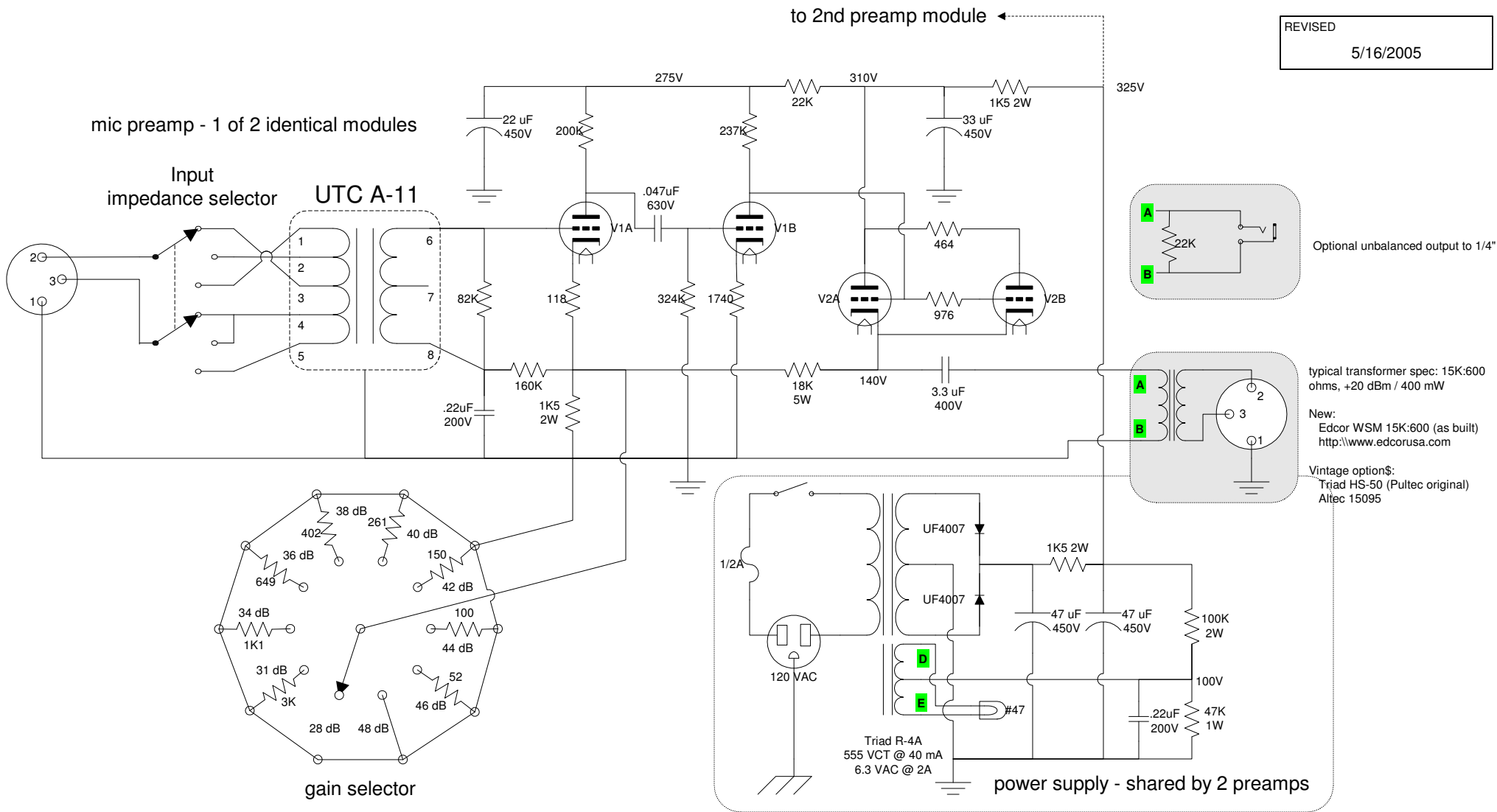


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V1 7025/12AX7/ECC83

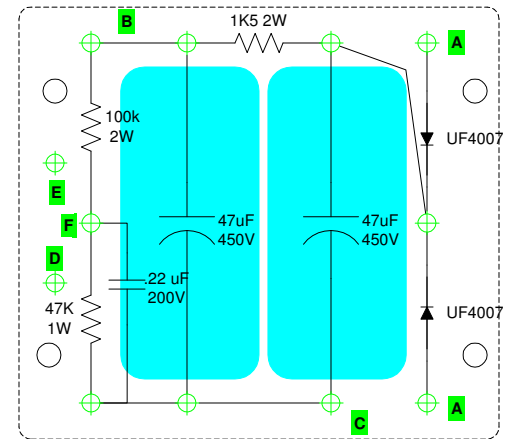
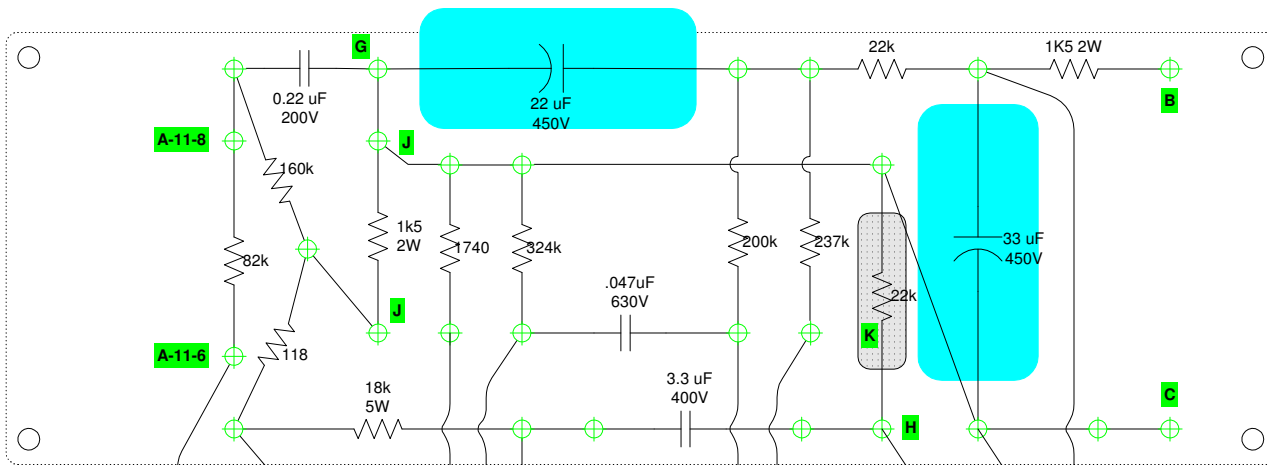
V2 5963/8514A/12AU7/ECC82

D To V1, V2 filaments pins 4 & 5

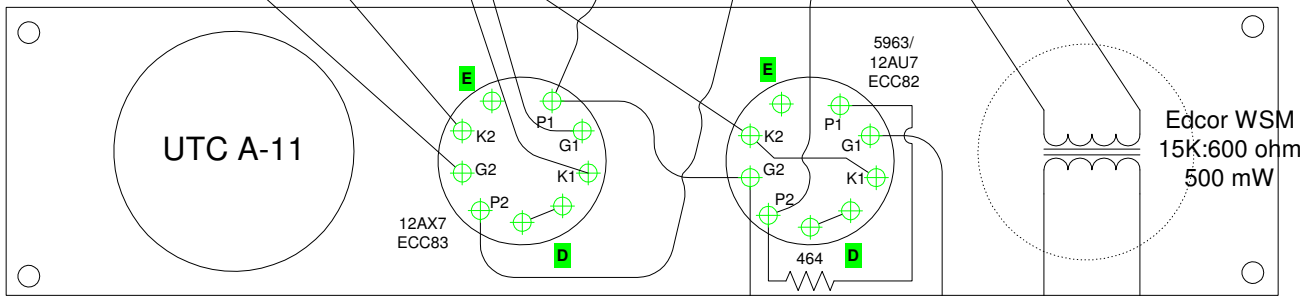
E To V1, V2 filaments pin 9

This circuit adapted from the original Pultec design. Scans of the original schematic and operating manual may be found at: <http://www.geocities.com/rafafreddy/DIY/pultecq-mb1/Pultecq-MB1.htm>

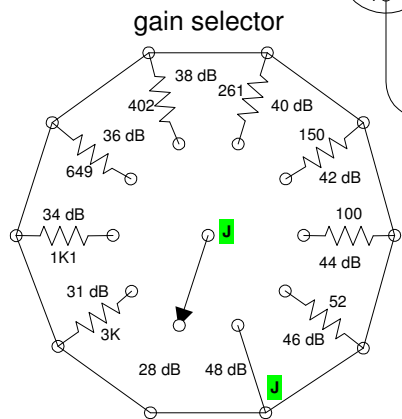
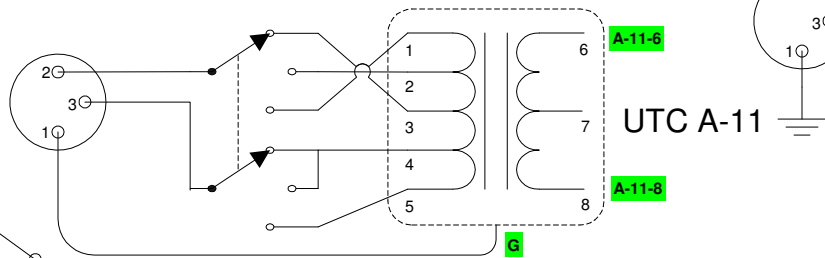
Dual microphone preamplifier schematic Based on Pultec MB-1 circuit			
As designed and built by Jon Fleig, April 2005 http://www.frontiernet.net/~jff/pultec_mb1/DualTubeMicrophonePreamp.html			
SIZE	FSCM NO	DWG NO	REV
		DPMB1-L	B
(c) 2005 Jon Fleig	SCALE 1 : 1	SHEET	1 OF 3



power supply rectifier/filter board shared by both channels

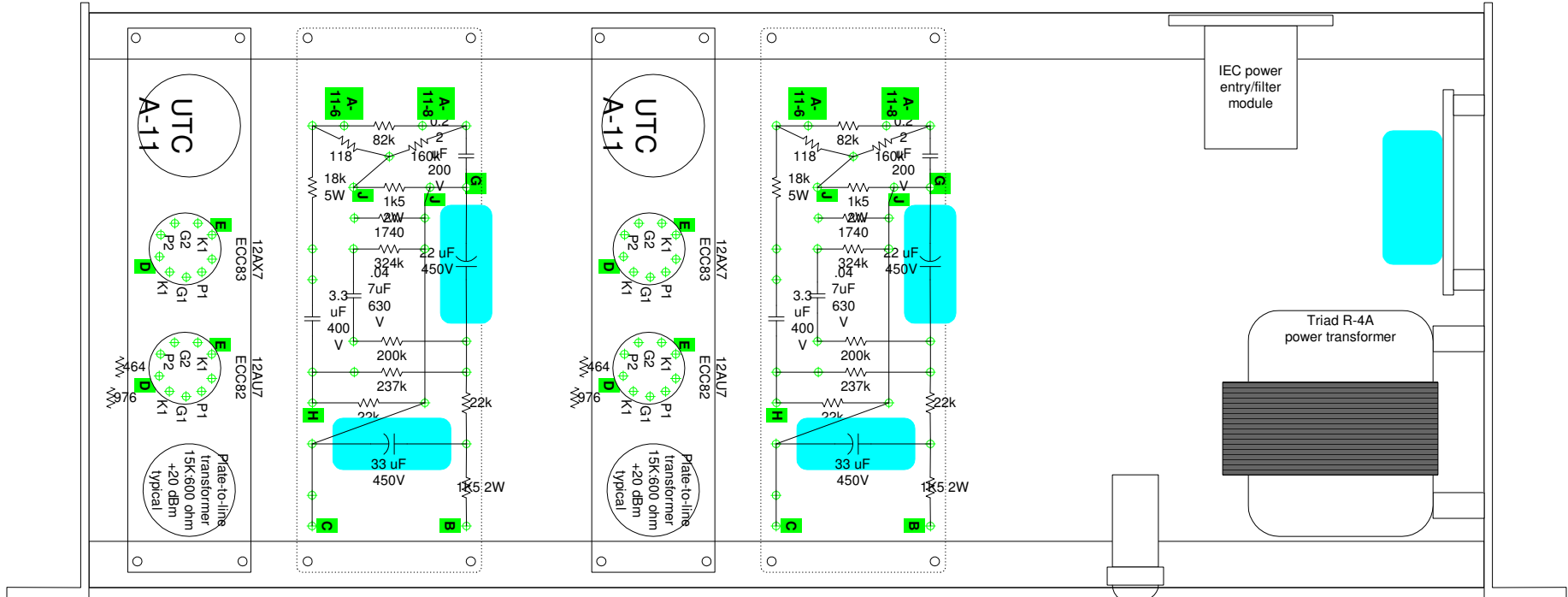
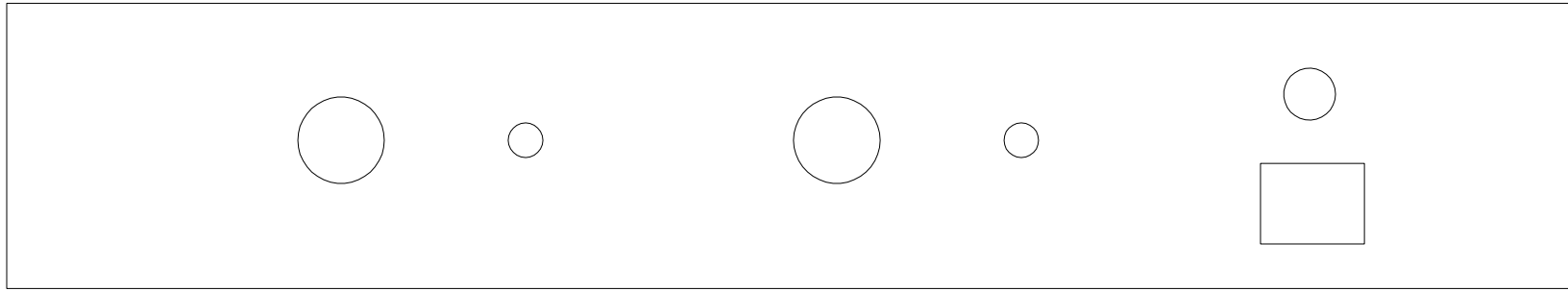


- A** Triad R-4A HV Secondary 555 VCT
- B** B+ 325 VDC
- C** Chassis ground, PT HV Center tap
- D** PT Filament 6.3 VCT, 12A_7 pins 4 & 5
- E** PT Filament 6.3 VCT, 12A_7 pin 9
- F** PT Filament center tap, ref 115 VDC
- G** Input ground
- H** Unbalanced output
- J** Gain selector switch
- K** Omit 22k resistor when using output TX

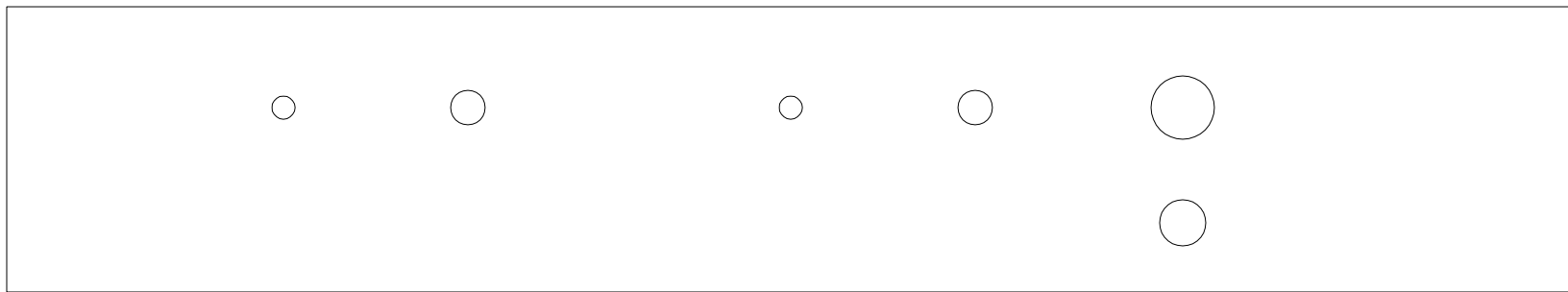


Dual microphone preamplifier layout Based on Pultec MB-1 circuit			
As designed and built by Jon Fleig, April 2005 http://www.frontiernet.net/~jff/pultec_mb1/DualTubeMicrophonePreamp.html			
SIZE	FSCM NO	DWG NO	REV
		DPMB1-L	B
(c) 2005 Jon Fleig		SCALE 1 : 1	SHEET 2 OF 3

rear panel



front panel



Assembly drawing for dual Pultec MB-1 microphone preamplifier using Sescom 2RU7 enclosure