

Tequila_Mk1_Tube.xls - Phono

**TUBECLINIC
Linz - AUSTRIA**

Part	Pcs.	Spec.	Mfg.	Criteria
All caps should be MKP, >450VDC, radial is better than axial, with the exception of:				
C1, C21	2	FKP, >450VDC	WIMA	Pulse current proof version of MKP
C4, C5	2	Styroflex, >250VDC	Siemens, TFK	almost no loss at high frequ.
C7, C8	2	High quality electrolyte		Black Gate or. Sim.
C11, C22	2	Good quality electrolyte		
All resistors should be metal film 500VDC/0,6W radial, with the exception of:				
1W				radial, metal film (I used 2W Vishay SMA)
12AX7-LPS from SOVTEK				
input jack	2	insulated Cinch socket		should use gilded version
output jack	2	non-insulated Cinch socket		should use gilded version

Tequila_Mk1_Tube.xls - Line

TUBECLINIC
Linz - AUSTRIA

Part	Pcs.	Spec.	Mfg.	Criteria
All caps should be MKP, >450VDC, radial is better than axial, same as Phono - with the exception of:				
C351, C352,				
C13	2	Styroflex, >250VDC	Siemens, TFK	almost no loss at high frequ.
C305	1	10µF AUDIO-MKP, >250VDC		Speaker XOVr dealers
		68µF AUDIO-MKP, >250VDC		
C306	1	or ultimate grade electrolyte		Speaker XOVr dealers
All resistors should be metal film 500VDC/0,5W radial (I used SMA Vishay 0,6W), with the exception of:				
1W				radial, metal film (I used 2W Vishay SMA)
R350	1	stereo Audio pot. 2x 500k +log.	ALPS	encapsulated
R107, R108	2	power res. 5W	DALE or sim.	wire-wound
6SN7-GT from SOVTEK or better				
input jack	6	non-insulated RCA/Cinch socket		should use gilded version
tape				
send/ret.	2	non-insulated RCA/Cinch socket		should use gilded version
output jack 2	1	insulated RCA/Cinch socket		should use gilded version
output jack 1	1	XLR, 3-pole, male		should use gilded version
signal switch	1	2-layer, 6 contacts/positions, make-before break	ELMA or sim.	should use gilded version
output transformer	1	Audio TX 1 : 1 + 0,5	MONACOR	LTR-110
all relays		DIL-Reed, 2-pole, on-off, coil 24VDC, w/o freewheeling diode	Günther or sim.	
parts around V5 can be omitted (unbalanced output driver part), also R342, R343, R340, R341, C13. R and C 351, 352 have to be determined after finishing the unit to compensate for high frequ. cable losses.				