

Classic Series - Tube Amplifier

Cyber-10 is a single ended Class A tube integrated amplifier, it can use KT88/6550 and swapped to EL34 and KT77 only by re-biasing actually. As a mini size integrated tube amplifier, there is one feature which distinguish the Cyber 10 with similar pentode SE amp which use a self-bias circuit, Cyber 10 incorporate a fixed bias design for easy tube swap and more power delivering as well. Single bias adjustment mechanism for each output tube has been equipped inside chassis, a trim pot for adjustment to get to 0.4mA bias current. The bias adjustment can be measured by a voltmeter (not come with the amp). While the output tube is operating with in Ultra linear mode to give 12W output power, there is also a switch to operate the amp in triode mode which halves the output power to 6W.

On the other hand, you could use Cyber-10 as a heavy design tube headphone amplifier with output transformer which can easily adapt to headphone having impedance ranging from 10 to 600 ohm. One USB and 3 RCA inputs have been equipped aside of chassis and selectable manually, while volume control is remote-able as well. All above turn the mini size hi-fi tube integrated amplifier to more multifunctional one and a hi-fi grade sound amplifier solution for all kinds of computer based music in mass market.

SpAct memory architecture and Linear technology have been applied in the whole USB and built-in DAC section, where the received digital signal from computer is checked, clock corrected and decoded through. SpAct memory architecture is set within the data path establishing smoother data flow so that the final audio has the lowest possible jitter. It ensured that the built-in DAC section set latter is able to be fed with information both higher data integrity and lower jitter. This is the real DAC section, using our famous Linear technology developed originally for the well received CD120 linear CD-player, that convert precise recovery of data to high quality analog signal. The result is no smearing effect caused by digital filter, superb transient response without any over-shooting in sound.



Cyber-10 Multifunctional Tube Amplifier

Specification

Control Functions	Volume, Mode Switch, Power On/Off and Triode / Ultra linear Switch
Power Output	12watt (Ultra linear) / 8watt (Triode) RMS 1kHz
Total Harmonic Distortion	less than 1%(5 watt, 1kHz)
Frequency Response	(-3dB points at 5 watt) 6Hz-60kHz
Input Sensitivity	280mV
Input Impedance	100k ohms
Output Impedance	4,8 ohms(speaker) / 10-600 ohms (headphone) User selectable
Signal/Noise	90dB
Consumption	86watt
Input Interfaces	3 groups (RCA) , 1 group USB port
Output Interfaces	speaker terminals / headphone jacks x 2
Overall Negative Feedback	Little (-3dB)
Vacuum Tube	KT88 / 6550 x2,ECC82 x1,ECC81 x1
Dimensions / Weight	320 (L) x 260 (W) x 150(H) mm / 15kg (packed)
Attachment	USB interconnect cable x 1