

*Astri*  
2006

# Alnilam 1040

Technical Specifications and Features



- S.R.P.P. Power Stage
- 4 x KT 88 Parallel Triode Configuration
- 2 x ECC 99 High Current Driver Stage
- Overall Feedback 0 dB
- DAC BIAS: Idling Current controlled by CPU
- Trigger IN-OUT
- GND Terminal
- Real Wood Front Panel
- RCA Unbalanced Input
- Separated and Stabilized Shielded Power Supply
- Plug IN Circuitry
- Proximity Switch ON-OFF
- Controlled Impedance PCB Layout
- Heavy Duty Audio Grade Components
- Easy updatable firmware for exchangeable power tubes type

Model	Alnilam 1040	
TYPE	Monophonic Amplifier	
NOMINAL POWER	1% THD	30W
OUTPUT POWER	4ohms @ 5% THD	40W
CLIPPING POWER		50W
DISTORSION	30+50k Hz @ -1dB	30W: 0,05
FREQUENCY RESPONSE	1W @ 8ohms	15+100k Hz @ -1dB
POWER BANDWIDTH	-3dB	15+100kHz
LOAD IMPEDANCE	minimum	1ohm
INPUT IMPEDANCE		50kohms
INPUT SENSITIVITY	30W @ 4ohms	3V
GAIN	1kHz @ 4ohms	11dB
OUTPUT REGULATION	3W	0,9dB - 8+4ohms
DAMPING FACTOR	1kHz @ 8ohms	18
S/N RATIO		>95dB
PHASE		non inverting
OVERALL NEGATIVE FEEDBACK		0dB
VOLTAGE REQUIREMENTS		230Vac ± 7%
POWER REQUIREMENTS	IDLE	200W
	MAX	400W
FUSE RATING		T3,15A 250Vac
POWER SUPPLY ENERGY STORAGE		250 joule
TUBES REQUIRED	OUTPUT POWER	4 x KT88 selected cp.
	DRIVER STAGE	2 x ECC99
DIMENSIONS	mm	330 x 405 x 158
(W x D x H)	in	13" x 16" x 6"
NET WEIGHT	kg	-
SHIPPING BULK	mm	405 x 575 x 245
(W x D x H)	in	16" x 22"5/8 x 9"5/8
SHIPPING WEIGHT	kg	23,5

