

# ABO – CENTER

V/ Henriksens Elektronik

## Rep.tips BeoLab Penta 1, 2, 3

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### Service tips!

Skift 15RI md 3,3Ω til en med 2,2Ω for at forbedre lyden i mellemtoneområdet

Fejl	Løsning
Støj i højtaler	Potmeter firkantmærke PREH IR59 og IR95 bliver dårlige
Tænder ikke. Der er kun rød st. by diode	TR1 eller TR2 lækker/defekt på modul 22 (lille print under stik)

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## Tekniske data BeoLab Penta1

### TYPE:

TYPE 660X, 1986-1989

<b>Specifications</b>	
Speaker:	
RMS power handling capacity	150 watts
Music power handling capacity	200 watts
Frequency range +4-8dB	40-20,000Hz
Power at 96dB SPL	2,5 watts
Sensitivity	92dB
Distortion 250-1000Hz	< 0,5%
Distortion > 1000Hz	< 0,5%
Cabinet principle	Bass Reflex
Woofers	4 units 13cm (5")
Mid-range	4 units 8cm (3")
Tweeter	2,5cm (1")
Net volume	32 litres
Power amplifier:	
Bass level switch	Linear, +3dB/40Hz, +6dB/40Hz
Sensitivity	3dB, -3dB, -6dB
Power frequency	50-60Hz
Power consumption	Max 300 watts
Stand-by	2 watts
Dimensions WxHxD	5x13,5x165 cm incl. stand
Weight	24 kg
Connections:	
Line	Phono plugs
Power input	4-pin DIN and spring loaded contacts

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## Tekniske data BeoLab Penta2

### TYPE:

TYPE 662x, 1989-1992

<b>Specifications</b>	
Speaker:	
Long-term max power IEC	320 watts
Max noise power IEC	150 watts
Impedance	8 ohms
Frequency range +4/-8dB	40-20,000Hz
Power at 96dB SPL (1m)	2,5 watts
Sensitivity 1W (1m)	92dB
Distortion 0,250-6kHz	< 0,5%
Cabinet principle	Bass Reflex
Woofers	4 units 13cm (5")
Mid-range	4 units 8cm (3")
Tweeter	2,5cm (1")
Net cabinet volume	32 litres
Power amplifier:	
Long-term max power IEC	300 watts
RMS DIN	175 watts
IHF	150 watts
Total harmonic distortion IHF	<0,015%
Intermodulation IHF	< 0,02%
Dynamic headroom	>1,5dB
BASS EXTENSION switch	0dB, +3dB, +6dB
INPUT LEVEL switch	0dB, -3dB, -6dB
Dynamic Clipping Attenuator	Automatic
Power consumption	Max 300 watts
Stand-by	2 watts
Dimensions WxHxD	22x165x20,5cm
Dimensions, stand	35,5x4x34cm
Weight	24 kg
Connections:	
Power Link	
Speaker Link	
Line in	

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## Tekniske data BeoLab Penta3

### TYPE:

TYPE 663x, 1991-2000

<b>Specifications</b>	
Dimensions WxHxD	22x165x34cm
Weight	12 kg
Cabinet finish	Stainless steel
Power consumption	Typical 24 watts
Power consumption stand-by	< 2,5 watts
Max sound pressure level (stereo, pair)	103dB
Power amplifier modules	1 unit
Long-term max output per module	281 watts
Effective frequency range	39-20,000Hz
Cabinet principle	Bass Reflex
Magnetic shielded	No
Woofers	4x13cm - 5"
Mid-range	4x8cm - 3"
Tweeter	2,5cm - 1"
Net volume	32 litres
Bass equalizer	Switch 0dB, -3dB, +6dB
Connections:	
Power Link	2
Phone (line)	1
Speaker Link	1