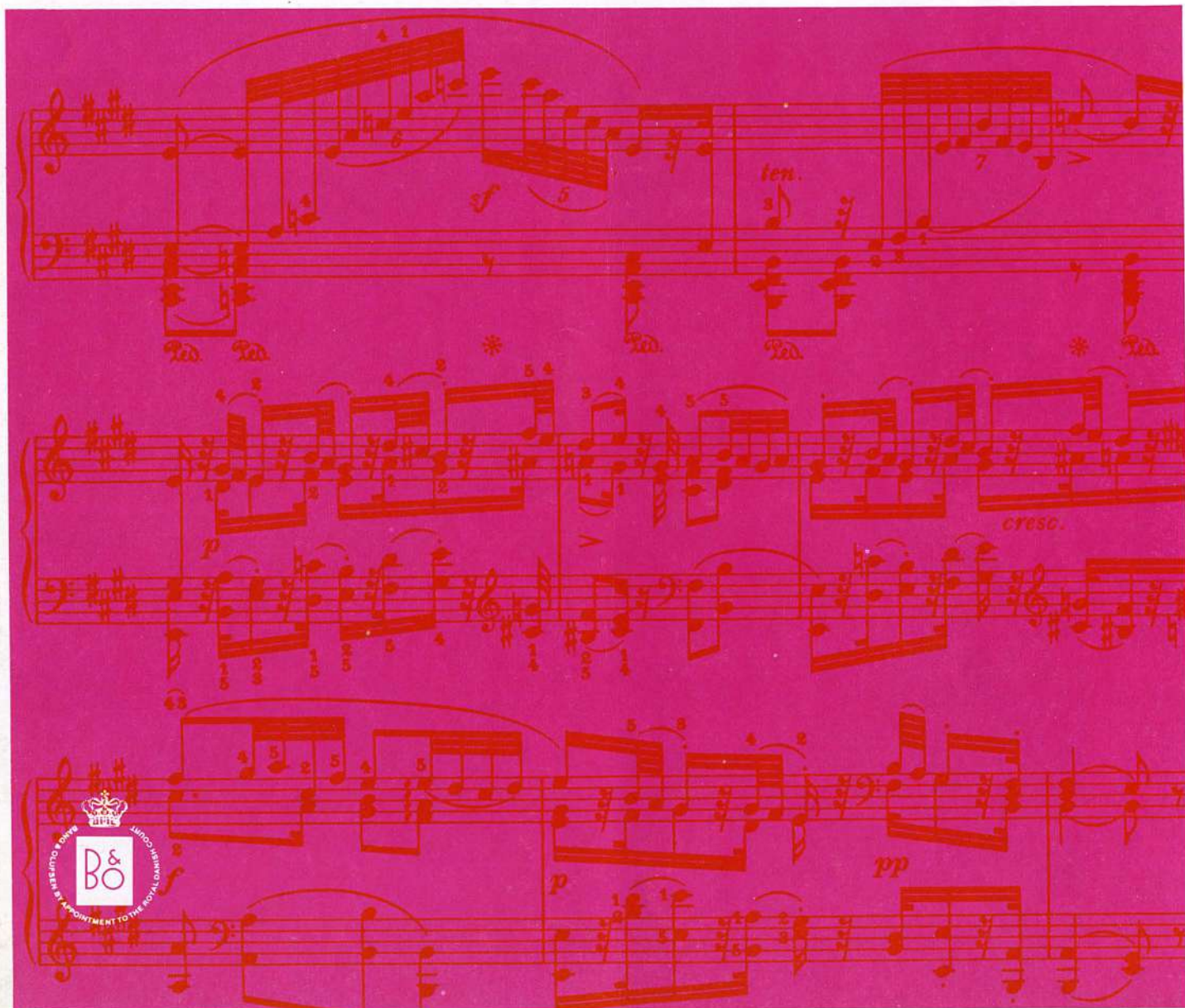
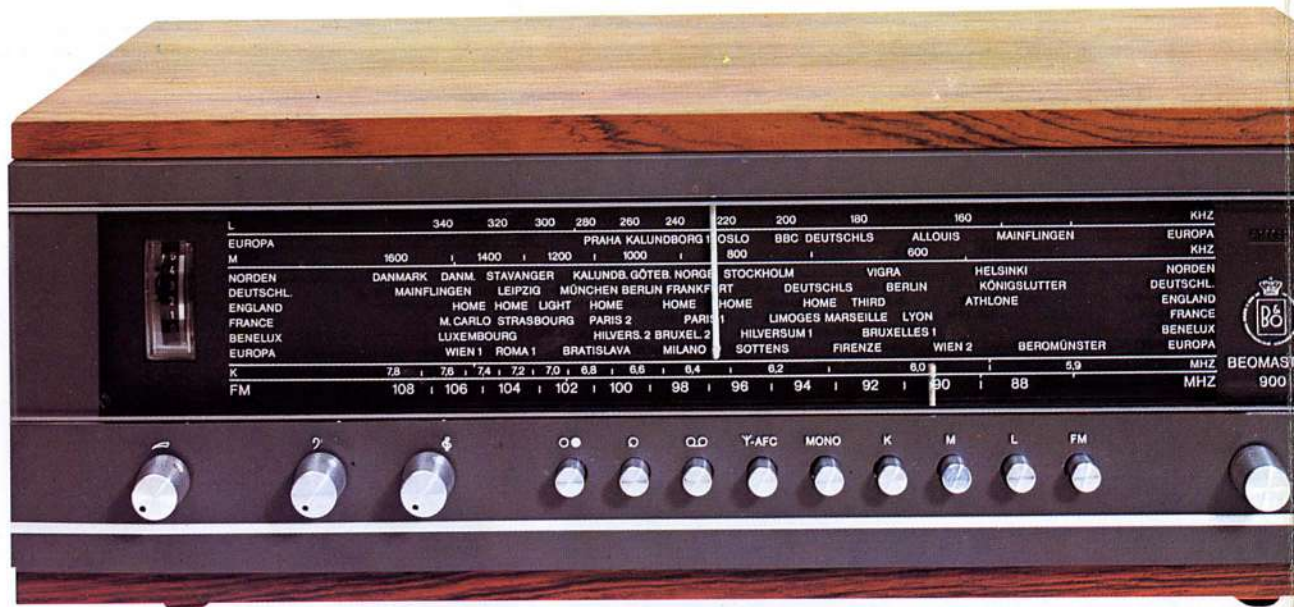


Beomaster 900M & 900K





Beomaster 900M



Beomaster 900K

Beautiful Beomasters

For those who consider design and quality before price.

The Beomaster 900K is an all-transistor mains operated stereo radio with a specially engineered highly efficient dual-channel audio amplifier. It may be used either on its own as a straightforward 4 wave-band radio, or used as the central unit in a full audio system by adding turntable, tape recorder, etc. The tuner section covers LW, MW, SW and FM bands and is prepared for BBC stereo broadcasts, having provision for the connection of a stereo decoder (MPX). A pilot lamp lights up when the receiver is tuned to a stereo transmission, and when playing stereo records or tapes—a feature typical of the thought built into every B & O product. The built-in aerials cut out automatically when external aerials are connected. The amplifier has DIN connections for tape recorder and turntable, with push button switching, and gives an output of 2×5 watts RMS. The cabinet is beautifully finished in a choice of teak or rosewood.

If you feel that your room is too small for a full stereo system, don't despair. By using the

Beomaster 900K with Beovox 2500 high frequency diffusers you can have all the advantages of a good stereo effect even where space is limited.

For those who require the additional quality derived from using larger external speakers, the Beomaster 900M is the obvious choice. Separate speakers are sometimes found more adaptable and easier to position in larger homes so Bang & Olufsen have designed the Beovox range of loudspeakers for this purpose. Either the Beovox 600 or Beovox 1000 are eminently suitable for use with the Beomaster 900M. Ask your dealer for the special Beovox leaflet.



Specification 900M & K

Dimensions

'M' model without loudspeakers
15 $\frac{7}{8}$ " wide $\times$ 5 $\frac{3}{4}$ " high $\times$ 9 $\frac{1}{16}$ " deep
Weight 13 lbs.

'K' Model with loudspeakers
29 $\frac{1}{4}$ " wide $\times$ 5 $\frac{3}{4}$ " high $\times$ 9 $\frac{1}{16}$ " deep
Weight 18 $\frac{1}{2}$ lbs.

Supply voltage

Voltage: 110—130—220—240 V AC
Frequency: 50—60 Hz
Power Consumption:
10 watts at 100 mV output, approx. 65 watts
at max. output.

Connections

Inputs: DIN
Gramophone high impedance, sensitivity:
500 k ohms—150 mV/1000 Hz
Tape recorder, sensitivity:
500 k ohms—450 mV/1000 Hz
FM aerial: 75 ohms (IEC)
AM aerial (IEC)
Outputs:
Tape recorder: Sensitivity:
82 k ohms—100 mV/1000 Hz
Loudspeakers—4 Ω

Tuning

Wave bands:
FM 88—108 MHz 3,4—2,8 m
LW 147—320 kHz 2040—940 m
MW 520—1600 kHz 578—188 m
SW 5,9—7,8 MHz 51—38,5 m
Sensitivities:
FM 2,5 μ V for 26 dB signal/noise ratio
LW 5 μ V for 50 mW output
MW 8 μ V for 50 mW output
SW 35 μ V for 500 mW output
Tuning: Duplex drive with flywheel. Large
radiator for fine adjustment.
Special: Built-in AM and FM aerial: Cuts out
when an external aerial is connected.

Amplifier

Power output:
2 $\times$ 8 watts music power
2 $\times$ 5 watts RMS
Frequency range: 30—16000 Hz $\pm$ 3 dB

Distortion:
At 2 $\times$ 5 watts < 2%
At 500 mW 1000 Hz < 1%
Signal/noise ratio:
1000 Hz/4 W: 50 dB
Tone controls:
Bass control:
+ 10 dB — 14 dB at 50 Hz
Treble control:
+ 4 dB — 14 dB at 9000 Hz
Channel separation:
Better than 28 dB

ACCESSORIES

Stereodecoder: type 0001
V aerial: type 2010 (IEC)

Beosystem 900 M



BEOGRAM 1000



BEOMASTER 900 M



BEOVOX 1000



BEOVOX 600

Beosystem 900 K



BEOGRAM 1000



BEOMASTER 900 K



BEOVOX 2500 Cube



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Bang & Olufsen reserve the right to change designs
and technical specifications without notice.

part number 125/01