

BeoMaster 3000-2 Tuner/Amplifier (1970's)





Manufactured: 1969 - 1975 **Designer:** Jacob Jensen **Colours:** Rosewood,

Teak, White

Beomaster 3000-2 Types 2402-2, 2404-2, 2405

Beomaster 3000-2 was a solid state FM stereo receiver. The receiver was the kind of product you wanted to both look and to listen to.

It delivered 2 x 40 watts RMS at 30-30.000 Hz and whose distortion was less than 0.5%. With additions to the receiver like [Beogram 3000](#), a fully automatic record player whose operating functions were executed by one master control, and two [Beovox 3800](#) pressure chamber loudspeakers, Beosystem 3000 formed a complete high-fidelity system which deserved to be included in serious evaluations by those who felt that a quality hi-fi system must be chosen in separate units.

The unit was a high fidelity stereo amplifier in which emphasis was placed on specifications, frequency correction and connection facilities. The LOUDNESS feature permitted switching between an objective or a subjective linear reproduction and the LOW and EH filter controls gave a sharper regulation of frequencies, in addition to the normal bass and treble controls. The LOW filter helped reduce rumble resulting from a poor or defective record. At 80Hz its slope was 12dB per octave. There were sockets and push buttons for two pairs of loudspeakers. The headphone socket was situated on the front of the receiver. The tape connection facilitated AB monitoring and there were two record-player inputs: a high and a low impedance. All input sockets could be adjusted from the receiver's base so that all signals had the same sound level. This was an extra convenience because one needed not adjust the volume control on the amplifier when it was switched between programme sources. The FM section had six pre-set stations. A light indicator assisted accurate tuning and the indicator registered the signal strength of a station. The FM section was extremely sensitive (better than 1.4 uV, I.E.C.) and harmonic distortion was only 0.4%. Field effect transistors, ceramic filters and integrated circuits were used.

In 1972 the Museum of Modern Art in New York (MoMA) chose seven Bang & Olufsen products designed by Jacob Jensen to be included in their Design Collection as representing excellent examples of the Museum's criteria for quality and historical importance; design, in fact, which had influenced the twentieth century. Beomaster 3000 was one of those seven products. Two years' previously Beomaster 3000 won the iF Design Award.

Beomaster 3000-2 was introduced in 1972. Both units could be used as part of Beosystem 3000. The two models were visually indistinguishable except for the model number, but the Beomaster 3000-2 contained a few minor technical improvements. The effect of these was not visually or aurally evident; the

improvements were seen as Bang & Olufsen's desire at that time to offer the customer the best components and aural experience.

BeoMaster 3000-2 Tuner/Amplifier (1970's) Product Specifications

Power output; 2 x 30 W RMS; 2 x 60 W music power Speaker impedance: 4 ohms Distortion: < 0.6 % Intermodulation: < 0.6 & Bass control range: +/- 17 dB at 50 Hz Treble control range: +/- 14 dB at 10.000 Hz Tuning range: 87.5 - 108 MHz Dimensions: W x H x D: 58 x 9.5 x 26cm Weight: 8.7 kg Power consumption: 20 - 180 W Connections: Phono: 1 DIN Phono: 2 DIN Tape: DIN Headphone socket Speakers: 3 sets

BeoVox 3800 Passive Loudspeakers



Manufactured: 1974 - 1974 **Designer:** **Colours:** Rosewood, Teak

A British Institution

Were it not for the arcane British Tax system, this speaker would never have existed. As it was, the presence of a 12" Goodmans woofer signified that this was a professional class loudspeaker, and hence one paid reduced purchase tax. It replaced the Beovox 4700 in the range in the UK for this reason.

Beovox 3800 loudspeakers were recommended to the listener who liked his/her music to sound really natural and uncoloured. These high-fidelity pressure chamber enclosures contained a 30,5cm bass unit, an 8,5cm mid-range unit and a 2,5cm dome tweeter or treble unit. Beovox 3800 gave a finely balanced reproduction of all types of music. It had a power handling capacity of 40 watts RMS or 90 watts music power. Frequency range was 35~20.000 Hz. It was a full-size, floor-standing model, or it could be mounted on the trumpet-shaped pedestal which was available as an elegant accessory. Beovox 3800 exceeded the DIN 45500 norm by a wide margin.

Trumpet stand

Nearly all Beovox loudspeakers of this period were designed for either wall mounting or placing on a shelf. This included Beovox 3800. However, owing to its size, it could also be used as a floor-mounted speaker. For this reason, Bang & Olufsen produced the trumpet stand, type 8906007. The stand had a top on which the loudspeaker could be placed, not only elegantly but also practically in order to achieve a good sound dispersion.

BeoVox 3800 Passive Loudspeakers Product Specifications

Dimensions: height 58cm, width 29cm, depth 29cm Finish: teak or rosewood