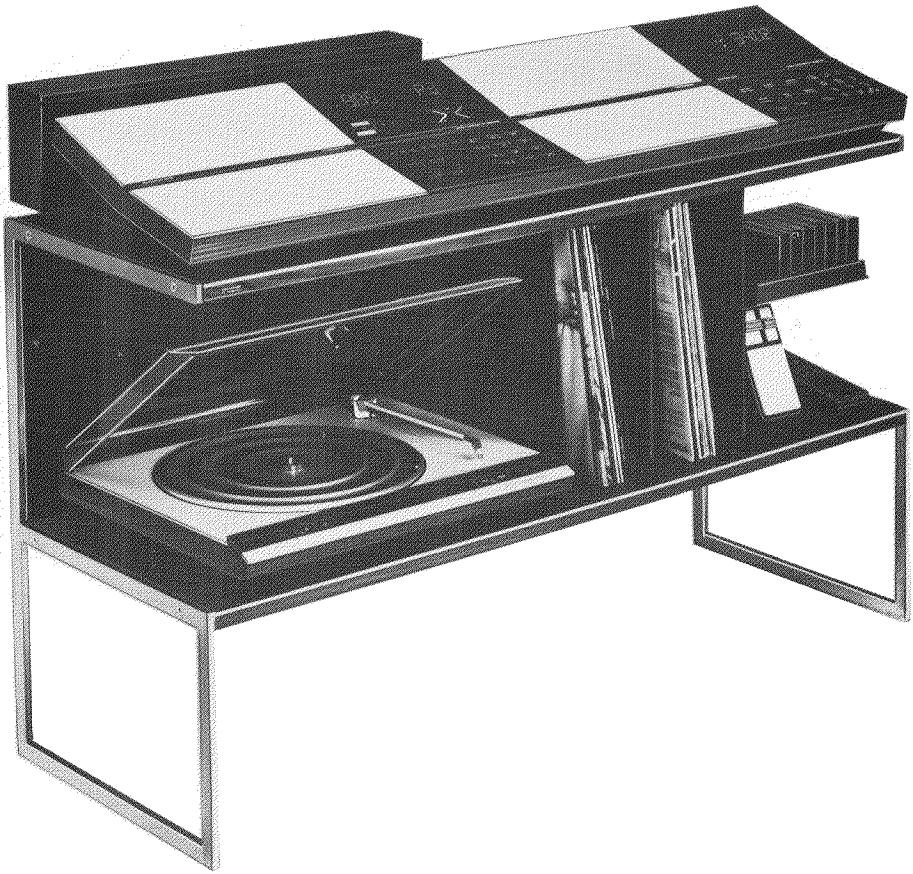
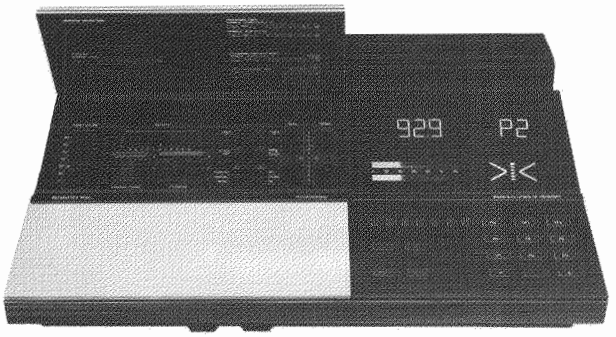
BANG & OLUFSEN

BEOMASTER 6000





HOW TO OPERATE BEOMASTER 6000

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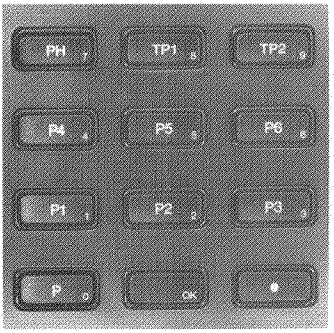
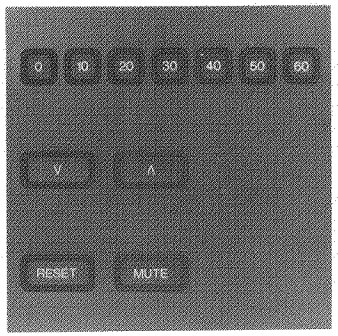




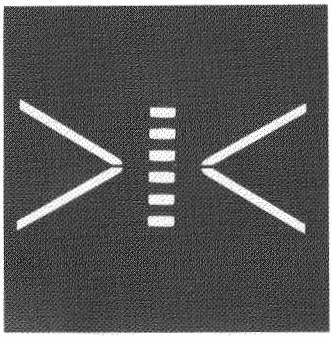
Choosing programme source
Preset FM programmes, press one of buttons [P1] – [P6], or [P].
The panel shows both the FM frequency and number of the programme selected.
Playback of records, press [PH].
The Beogram 6000 starts automatically.
Playback of tape, press [TP 1].
The Beocord 6000 starts automatically.

Volume
You can regulate volume in several ways:
In stages, using buttons [0] to [60].
Continuous adjustment, using [Λ] to increase volume.
[V] to decrease volume.
To return to the original preset volume, press [RESET].

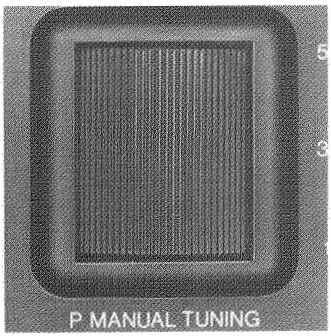
Muting
If the phone rings, for instance, volume can be muted by pressing [MUTE].
The sound returns when you again press [MUTE], or one of the other buttons on the panel: [P1] – [P6], [V] and [Λ], plus others.

Switching off
Press [●], stand by.
If a Beocord 6000 and Beogram 6000 are connected, they too go over to stand by.
To switch on again, press [P1] – [P6], [P], [PH], [TP 1] or [TP 2].
You can also use [RESET] to switch on; you then hear the same programme as before you switched off with [●].

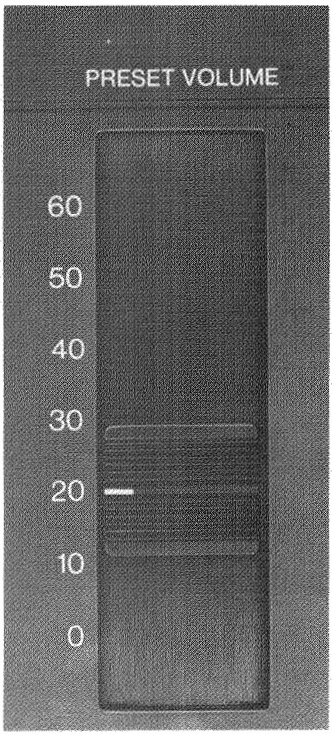
Presetting FM programmes
Press PROGRAMMING to open metal cover. Under the cover are 6 dials for pre-tuning the stations you listen to most.
A switch enables you to select one of three tuning-in functions:
FM AUTO, automatic, for everyday tuning. Automatic fine-tuning to FM station, with automatic smooth transition between FM stereo and mono.
MANUAL; for manual silent tuning, i.e. no noise between stations.
MONO, for long-distance reception, minimum noise with weak stations.



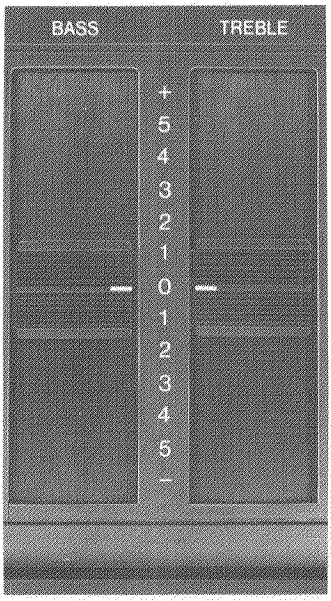
The large display panel shows the FM frequency you are tuned to.
The > and < indicators are tuning aids. When they light equally brightly the station is tuned in properly.
The light bar in the middle registers how powerfully the station is received; the green light indicates FM stereo reception.
For example, you want to preset a station on 92,8 MHz as programme 1. Press [P1], switch to MANUAL and turn dial 1 until 92,8 is displayed and at the same time > and < are equally bright. Switch to FM AUTO and leave it there so that you can now select your programme with buttons [P1] – [P6].



Rapid tuning
The P MANUAL TUNING dial enables rapid searching on the FM waveband, which is particularly useful in finding weak stations.
Press [P] and set function switch to MANUAL or MONO while tuning in.
Switch to FM AUTO when tuned in to station.
[P] can also be used for presetting a local FM programme in the same way as [P1] to [P6].



Preset volume
With the slider control PRESET VOLUME you can preset the initial volume at which the receiver operates every time it is switched on.
You can then regulate this volume up or down with buttons [0] – [60] or [V] and [Λ].
PRESET VOLUME is temporarily out of function once you press one of these buttons; it starts to function again when you press [RESET] or switch off and on again.



Bass
Bass control. Move slider towards + to accentuate, towards – to turn down bass.

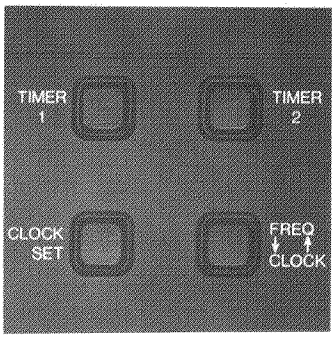
Treble
Treble control. + to accentuate, – to attenuate.

Balance
Balance adjustment between left and right channels.

Loudness
Switch for true-sounding reproduction, boosting low and high notes at low volume.
OFF, rectilinear reproduction.

Tape Recording
You can record on a tape recorder connected to Tape 1 or a tape recorder connected to Tape 2, or on both simultaneously. Select programme by pressing [P1] – [P7] or [PH].

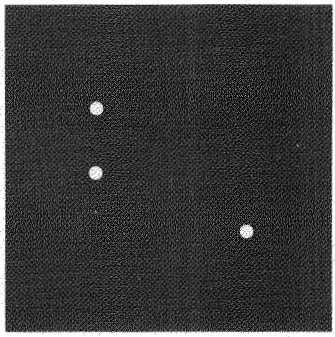
Copying
From tape recorder 1 to 2; press [TP 1] and switch No. 1 to playback and No. 2 to record.
From tape recorder 2 to 1; press [TP 2] and switch No. 2 to playback and No. 1 to record.



Clock
The built-in electronic clock is primarily for switching the Beomaster 6000 on or off at predetermined times. It also tells the time, when the receiver is switched on.
When you connect the Beomaster 6000 to the mains the clock starts at 0001. Set the clock to the right time as follows: e.g. Your own watch is at 13.30.
Press [CLOCK SET] and the red digits on the keyboard [1][3][3][1]. When your watch reaches 13.31, press [OK]. The same display shows either FM frequency or the time by pressing [FREQ - CLOCK] one or more times.

Timer programming
With [TIMER 1] and [TIMER 2] you can programme the Beomaster 6000 to perform the following functions once or twice within the following 24 hours:
- Start a FM programme.
- Switch to another programme than the one you are listening to.
- Start playback of a record, Beogram 6000.
- Start playback of tape, Beocord 6000.
- Switch off the entire music system.

A fixed programming is indicated by ": ." when the Beomaster is switched off.



Example 1
You want to make sure you hear a broadcast on programme 1 at 12.30.
Press [P1] [TIMER 1] and the red digits [1] [2] [3] [0] and [OK].
In the meantime you can listen to any programme you like, or switch off with [●].

Example 2
You also want to hear programme 3 at 20.00.
Press [P3] [TIMER 2] [2] [0] [0] [0] and [OK].
Both TIMER 1 and TIMER 2 are now programmed and the programmes will be switched on or over at the appropriate times.

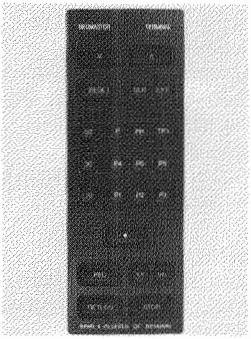
Example 3
You want the Beomaster switched off at 23.00, lest you should forget.
Press stand by [●] [TIMER 1] [2] [3] [0] [0] [OK].

Fixed programming
Normally the timer programme is erased once the function has been carried out.
If you want the same time, keep [OK] pressed down for at least 2 seconds after keying-in the relevant time.
e.g. [P1] [TIMER 1] [1] [2] [3] [0] and [OK] pressed down until the display switches.

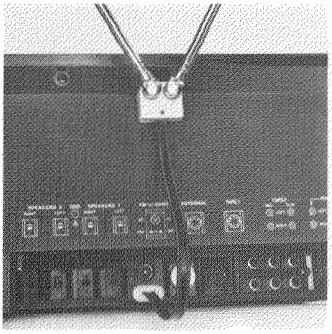
Check
You can check what your Beomaster is programmed for as follows:
Press [TIMER 1]. The display shows the time for which it is programmed; the first two digits flash.
Press [TIMER 2]. The last two digits flash.
If you carry out this check with the receiver switched off, the display also shows the programme selected.
The figure disappears when you press [OK].

Cancelling
If you have made a programming mistake or for any other reason wish to cancel, press [TIMER 1] red [0] [OK] or [TIMER 2] red [0] [OK].

Programming recordings
For the Beocord 6000 to record in your absence, it must be timer programmed. This automatically switches on the Beomaster 6000.
All you have to do is to ensure that it switches on to the right programme.
e.g. FM programme 1: press [P1] and [●].
The Beomaster's [TIMER 1] and [TIMER 2] are not used in this case.
Only if you want to listen to another programme until the recording is to start do you use [TIMER 1] to switch to the right programme.
e.g. Recording P1 at 13.30.
Beocord 6000: press [REC. OPEN] [TIMER START] [1] [3] [3] [0] [GO].
Beomaster 6000: press [P1] [TIMER 1] and red digits [1] [3] [2] [9] [OK].



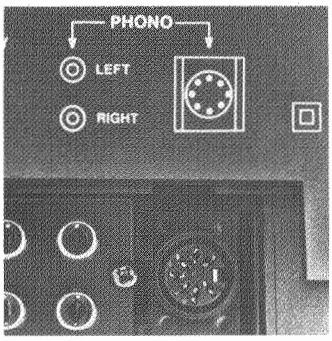
Remote control
Your Beomaster 6000 is designed to accommodate remote control of all primary functions for the Beomaster 6000, Beocord 6000 and Beogram 6000.
A module which you dealer can easily fit into the Beomaster 6000 is included when you purchase Beomaster Terminal type 2035.



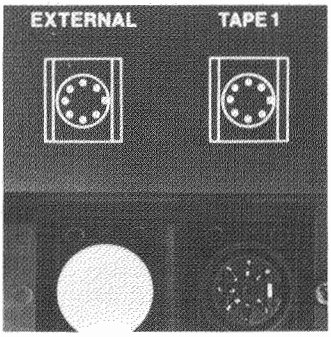
Setting up
The Beomaster 6000 is designed for setting in a Bang & Olufsen System Cabinet 60. It can also be placed on a table or shelf. Leave sufficiant space at the back of the receiver for air to reach the ventilation surfaces.

Mains
The Beomaster 6000 type 2251 is designed to 220 volts, 50-60 Hz.
For UK type 2252 240 volts 50-60 Hz.

FM aerial
Consult your dealer as to which aerial is best suited to your home.
If you are limited to an indoor aerial, you can purchase Bang & Olufsen's FM aerial type 2010. It fits into a holder on the back of the receiver and the cable plugs into the 240-300 ohm socket.

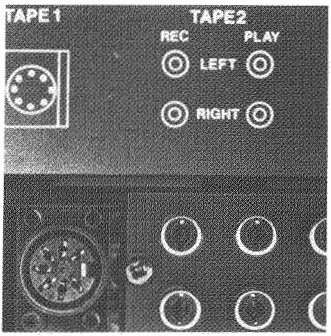


Record player
The special 7-point PHONO socket is for the Beogram 6000. Use the cable provided, type 6270213, marked PH.
Another record player with low-ohm pick-up can be connected instead of the Beogram 6000, using either DIN or phono plugs.



Tape recorder 1
The special 7-point TAPE 1 socket is for connecting the Beocord 6000. Use the cable provided (Beocord 6000), type 2270222, marked TP 1.

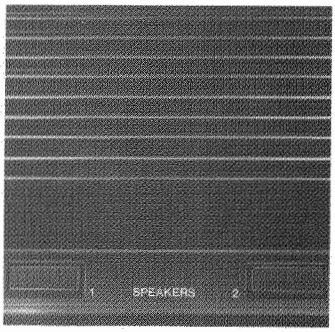
External correction
The EXTERNAL socket is designed for an external unit, e.g. equalizer, tone-filter or noise reducer. The 7-point plug must be kept in the socket when there is no external unit connected, otherwise the Beomaster remains silent.



Tape recorder 2
The TAPE 2 sockets are for an extra tape recorder with phono plugs. Connect PLAY and REC to the corresponding plugs on the tape recorder. L to left channel, R to right channel.
For tape recorder with DIN plug; use cable 6270212, which has a built-in attenuator to compensate for the different levels of DIN and phono plugs.

Loudspeakers
The Beomaster 6000 has a maximum output of 75 watts per channel with 8 ohm speakers. Two sets of speakers can be connected, to sockets SPEAKERS 1 and 2. Connect left-hand speakers to LEFT sockets, right-hand to RIGHT.

Protection
If the amplifier is subjected to continuous overload, the protective circuit is activated and the amplifier goes silent (stand by). This may happen if you have turned the volume up high, for instance, while at the same time there are four 8 ohm speakers connected, or two 4 ohm speakers.
Allow a few minutes for the Beomaster 6000 to cool off before switching on again.



Loudspeaker switches
Loudspeaker set 1 is coupled in with pushbutton SPEAKERS 1, set 2 with SPEAKERS 2.
Press again to release buttons.

Headphones
Connect stereo headphones, e.g. B&O type U 70, to socket on the front of the Beomaster 6000.

Maintenance
The outer surfaces can usually be kept clean with a dry cloth. Do not use alcohol; it can damage the moulded parts.

If wood surfaces seem grey and dry, you can apply a thin layer of teak oil or rosewood oil not more than twice a year.

For the UK market only.
IMPORTANT
The wires in this mains lead are coloured in accordance with the following code:
Blue: Neutral
Brown: Live
As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
Ensure that your equipment is connected correctly. If you are in any doubt, consult a qualified electrician.