

Bang & Olufsen

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B E O C O R D 6 5 0 0

Beocord 6500 setting up and operating guide

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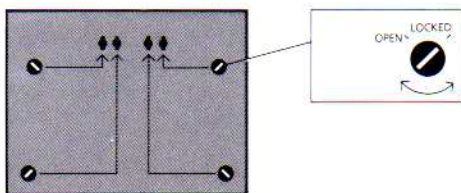
Setting up

Removing the transport screws

Before using the tape recorder you must remove the four plastic transport screws underneath it.

Carefully turn the tape recorder upside down. Using a coin turn each screw anti-clockwise to the position marked OPEN. Then remove the screws and insert them in the four holes provided for safekeeping.

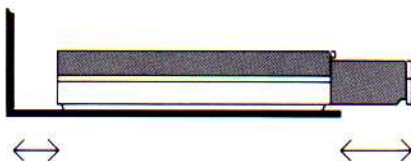
If you ever have to carry the tape recorder again, we strongly recommend that you reinsert the four transport screws, and turn them to the position marked LOCKED.



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Where to put the tape recorder

The tape recorder must be placed horizontally on a stable surface. Make sure to put it in a place where ventilation cannot be impeded. Make sure that the drawer in the tape recorder can open freely.



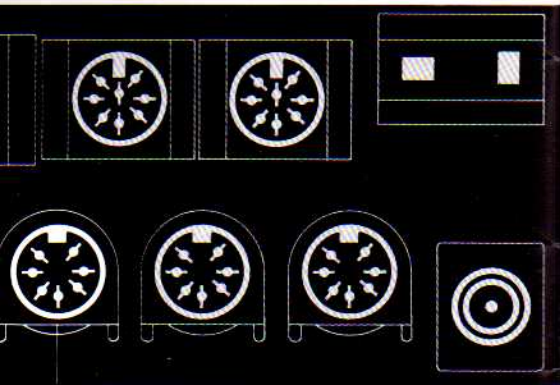
See Beosystem 6500 user's guide for remote control operations from the Master Control Panel 6500.

Connections

Once connected to the mains supply, the tape recorder is in so-called stand-by mode and ready to be operated.

The stand-by mode is indicated by a tiny red light on the display panel on the front.

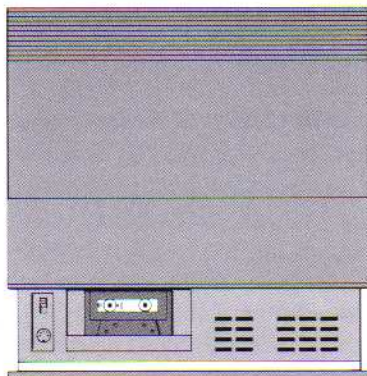
Beomaster 6500



Beocord 6500

Using the controls

Accessing tape and controls



Gently tap the left-hand side of the front panel where it is marked OPEN to open the drawer.

The tape compartment, all the buttons, the LINE/MIC/AUX switch and the MIC/AUX socket are now visible.

The cassette must be loaded with the tape slots facing you and side 1 (or A) facing upwards. Unload the cassette simply by lifting it out of the compartment. The cassette cannot be unloaded while the tape is moving, or while the tape recorder is in recording pause mode.

To close the drawer, gently tap the left-hand side of the front panel again.

The drawer may be left open both during playback and recording, if you like. When the tape recorder is switched to stand-by, the drawer will close automatically, however.

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Playback functions

Starting and stopping playback

Start playing by pressing PLAY and stop by pressing STOP.

If you want to start at the beginning of the tape, press START GO. The tape will then be rewound, if necessary, and playing will start immediately.

Switch off by gently tapping the right-hand side of the front panel again. This will make the tape recorder revert to stand-by mode.

Using the automatic tape reverse function

The tape recorder automatically reverses the tape at the end of the first side and within one second starts playing or recording again, as the case may be. You don't have to turn the cassette manually. In order to ensure correct play or recording, however, it is essential to load the cassette with side 1 (or A) facing upwards.

If you don't want the tape to be reversed automatically, press AUTO REV. Press AUTO REV once more to cut in the automatic tape reverse function again.

The automatic tape reverse function is indicated by tiny arrows on the right-hand side of the front display.

You can 'turn' the tape at any point just by pressing TURN.

Repeating a tape

If you want to play a tape two consecutive times, press PLAY a second time.

Both arrows indicating the automatic tape reverse function will now be lit. This means that at the end of side 2 the tape recorder will automatically 'turn' the tape and continue to play from the start of side 1.

If the automatic tape reverse function has been cut out, the tape recorder will repeat the current side only, i.e. rewind when it reaches the end and then start playing the same side once more.

The repeat function will be cancelled if you use any button which stops, rewinds or winds the tape.

Rewinding and winding

The buttons << and >> are used to rewind or wind a tape quickly.

Provided you haven't cut out the automatic tape reverse function, rewinding always means rewinding towards the start of side 1, and winding always means winding towards the end of side 2.

Stepping through tracks

You can step through the tracks, forwards or backwards, by pressing **ADVANCE** or **RETURN** the number of times required to step to the track you want.

The use of this function is indicated on the front display. Supposing you press **ADVANCE** four times to step forwards by four tracks, the display will first indicate four steps and then three, two, one, as the track desired is being approached.

Note: Pressing RETURN only once takes you to the beginning of the current track.

The tape recorder will only be able to recognize the tracks on a tape if there is a pause of at least 2.5 seconds between them.

Memorizing specific points on the tape

Specific points on the tape can be memorized for easy retrieval. This can be done both during recording and playback.

When you are at the point you want to memorize, press **MEMO SET**. Recording or playback continues unaffected.

When you later want to find the memorized point, press **MEMO GO**. The tape will then be rewound to that point, and playing will start from there.

If you are recording, you first have to stop recording before you can activate **MEMO GO**.

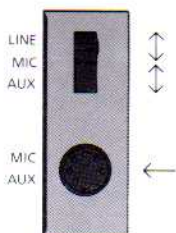
If you press MEMO SET once more to memorize another point, the first one will be cancelled.

Unloading the cassette cancels any memorized points.

Recording functions

Selecting source to record from

Before recording, make sure that the LINE/MIC/AUX switch to the left of the tape compartment is set to the correct position:



- LINE. Use LINE if recording from one of the other units in the Beosystem 6500, or from any other system to which your Beocord 6500 is connected and which is also designed for LINE level.
- MIC. Use MIC if recording from a microphone connected to the MIC/AUX socket to the left of the tape compartment.
- AUX. Use AUX if recording from any other source connected to the MIC/AUX socket, e.g. another tape recorder.

We recommend that you get into the habit of always leaving the LINE/MIC/AUX switch in its LINE position whenever you have finished a recording.

Automatic recording

If you use the automatic recording facility, you don't have to think about adjusting the recording level. The tape recorder does so automatically.

Press AUTO REC to switch to automatic recording mode. Play the source you want to record from, allowing the tape recorder some time to adjust to the recording level. Then press AUTO REC again to start recording.

Press STOP to pause recording. The tape recorder now inserts a blank of 3.5 seconds on the tape before it stops.

Press AUTO REC again if you want to resume recording, or press STOP again if you want to leave the recording mode.

During automatic recording the tape recorder automatically ensures that the recording level does not exceed a certain predetermined value.

For further details, see the paragraphs "Changing the maximum recording level" and "Changing the automatic recording start level".

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Manual recording

Using the manual recording facility means that you override the automatic recording level adjustment and adjust the recording level manually.

Press MANUAL REC to switch to manual recording mode. You can now read off the level of the source you are going to record from.

Press REC LEVEL to see the current setting of the electronic 'potentiometer' on the display. Press $\wedge+$ or $\vee-$ if you want to raise or lower the setting of the potentiometer.

Each time you press either button the level is raised or lowered by one step of 2 dB. Within a few seconds the display gives you the signal level again.

Press MANUAL REC again to start recording.

Press STOP to pause recording. The tape recorder now inserts a blank of 3.5 seconds on the tape before it stops.

Press MANUAL REC again if you want to resume recording, or press STOP again if you want to leave the recording mode.

If you are recording from a microphone, we recommend that you use the manual recording facility described in this paragraph. This is because the microphone input is equipped with an automatic adjustment facility (AGC) of its own.

You can of course do manual adjustments to the recording level any time during automatic recording.

Press REC LEVEL to see the current setting of the electronic 'potentiometer'. Press $\wedge+$ or $\vee-$ if you want to raise or lower the setting of the potentiometer.

You have now disabled the automatic recording function. Just press AUTO REC again when you want to revert to automatic recording.

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Changing the maximum recording level

The maximum recording level is the level at which the 'potentiometer' setting will be lowered automatically during automatic recording. This ensures that your tapes will never be overloaded.

When the tape recorder leaves the factory, the maximum recording level is set to +2 dB.

You can raise or lower this level so that it suits the tape you are using.

Press STOP and, while keeping the button depressed, press PPM MEMO. You will now see the preset maximum level on the display. Within two seconds press $\wedge+$ or $\vee-$ to raise or lower the level.

If you disconnect the tape recorder from the mains, the maximum recording level will be reset to +2 dB.

Changing the automatic recording start level

The automatic recording start level is the position which the 'potentiometer' is set to whenever an automatic recording is started.

When the tape recorder leaves the factory, the automatic recording start level is set to -4 on the level scale.

You can change this start level if the source you normally record from is either weak or strong. If your source is weak you will have to raise the level, if your source is strong you will have to lower the level.

Press STOP and, while keeping the button depressed, press REC LEVEL. Within two seconds press $\wedge+$ to raise the level or $\vee-$ to lower the level.

If you disconnect the tape recorder from the mains, the automatic recording start level will be reset to the preset level, i.e. -4.

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Peak hold

The highest signal level occurring during a recording will be retained on the display while that recording is still in progress. This is also referred to as 'peak hold'.

You can delete the latest peak hold readout by pressing AUTO REC again if you are in automatic recording mode or MANUAL REC if you are in manual recording mode. The peak hold readout will then be reset.

Even if the tape recorder has already been switched to stand-by mode, you can still obtain a readout of the highest signal level occurring during the latest recording. Just press PPM MEMO to reveal it.

Inserting blanks of individual lengths

When you press STOP for the first time to pause a recording, the tape recorder automatically inserts a blank of 3.5 seconds. You can override this function and insert blanks of any length desired, or no blanks at all.

Press STOP to pause the recording and keep the button depressed for as long as you want the blank to last.

If you want the blank to be shorter than 3.5 seconds, press STOP once. Then press STOP immediately again and

keep it depressed for the one or two seconds you want the blank to last.

If you don't want any blanks at all, simply press STOP twice in quick succession.

Locking the recording function

Locking the recording function is useful if you want to avoid the risk of erasing a particular tape by accidentally making another recording on that tape.

After loading the cassette press REC LOCK. Now you cannot use the recording function until you remove the cassette from the compartment.

Of course, you can also remove one or both latches on the edge opposite the tape slots on the cassette. The latch on the left-hand side corresponds to side 1 (A), the latch on the right-hand side corresponds to side 2 (B). This ensures that the tape recorder cannot record on the appropriate side or both sides of the tape.

