

2 Connecting up

Before connecting up, make sure that the four transport screws underneath the deck have been removed. See instructions on the Beocord carton.

The cable for connecting your Beocord deck to a receiver is permanently attached to the deck. It is fitted with a special Bang & Olufsen 7-pin plug.

If your receiver is a suitably automated Beomaster, place this plug in the DIN socket marked TAPE 1. The cable is about 1 metre long.

If your receiver has an ordinary 5-pin DIN socket: The Beocord 5000 is adjusted to LINE level. If your receiver is adjusted for DIN signal level, your dealer will adjust it so that it matches the Beocord.

You can then convert the 7-pin plug to a 5-pin DIN plug.

Here's how:

Use a tiny screwdriver to unscrew the two "extra" pins. There is a slot for the screwdriver at the end of each pin. Turn the screwdriver anti-clockwise. Remove both pins. Plug the "converted" 5-pin DIN plug into the appropriate TAPE socket on your receiver.

If your receiver has phono plugs:

Unscrew the two "extra" pins on the Beocord's 7-pin plug. (See above). Connect adapter type 7229017. Plug the adapter's phono plugs into the appropriate TAPE socket on your receiver.

Power requirements: See **25**, Technical Specifications.

The Beocord's electric cable is permanently attached to the deck. To verify that your Beocord is in good working order, connect the deck to the power supply. A tiny red light (an LED) on the set's front panel confirms that it is OK and ready for action. □

3 Switching on

When the Beocord is connected to the mains power supply a tiny red light on the front panel indicates that the deck is in its "stand-by" position and ready for action. There is no "on" button.

When you press PLAY (see top drawing), the deck starts to play the inserted cassette. (See **8**).

4 Switching off

Press and keep your finger on the ● in PLAY ● until the displays on the deck's panel disappear. A tiny red light (an LED) indicates that the deck is now in its "stand-by" position. This is a temporary "off" position.

During play you will see a display of sound levels for left and right channels on the deck's Peak Programme Meters, and a 4-digit display on the deck's tape counter.

If the deck is connected to a suitably automated Beomaster receiver or a receiver on which Tape is selected as source you will also hear the music. □

Beocord 5000 will also automatically go into its "stand-by" position if, at the end of play, it does not receive new instructions after 30 minutes. If the cassette drawer is open, it will close and then go into "stand-by". □

5 Opening the cassette drawer

The four transport screws underneath the Beocord must be removed. See Beocord carton. The Beocord must be connected to mains power supply. (See 2).

Look at the top drawing.

Press OPEN.

The cassette drawer slides open automatically. (Look at the bottom drawing).

You can now see all the Beocord's operating controls, a combined MIC & AUX (MICROPHONE and AUXILIARY) socket and the space for the cassette tape.

You will see these displays:

L · R · 0000.

The first indicates that the deck's Peak Programme Meters for left and right channels are ready for action.

The second is the 4-digit display of the tape counter.

You can open the cassette drawer at any time, provided the deck is connected to the mains power supply. Opening the drawer during playback or recording does not affect performance.

To close the drawer, press OPEN again. To close the drawer as well as put the deck in its stand-by position, press ● in PLAY ●. □

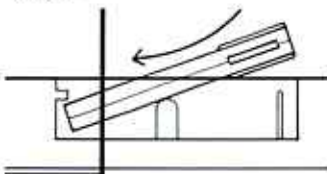
6 Inserting a cassette

Open the cassette drawer. (See 5).

Note the configuration of the compartment into which the cassette is to be slotted.

Hold the cassette so that the tape faces you.

Push the cassette well back into the rear of the compartment and push it down until you hear a "click".



You can use any type of tapes: Metal Particle, ferro-type or normal tapes, or chromium dioxide tapes. Whichever type you choose, the Beocord will register it automatically and make the necessary adjustments for that particular tape type. Tape type adjustment is based on the IEC standard.

Note: You cannot remove the cassette if the Beocord is in its recording pause mode.

(You will see this display: **RECORDING POSSIBLE**). (See 7 and 19). □

7 Removing a cassette

Open the cassette drawer. (See 5).

You can only remove the cassette if tape transport has stopped.

Grasp the cassette on both sides towards its front and lift the cassette out of its compartment.

There is no "eject" button.

Note: If the deck is in its recording pause mode, (you will see this display: **RECORDING POSSIBLE**), you must first press **STOP**, then remove the cassette.

Whenever you remove a cassette, the tape counter will display: **0000**. □

8 Playing a tape

Open the cassette drawer. (See 5).

You will see these displays:

L · R · 0000.

The first indicates that the Peak Programme Meters (PPMs) are ready for action. The second, that the 4-digit tape counter is ready for action.

Insert the cassette. (See 6). If the inserted cassette was recorded with Dolby B or Dolby C noise reduction, move the Dolby NR switch to the appropriate position. (See 15).

To play the cassette, press > (play).

If the Beocord is connected to a Beomaster 5000 or a suitably automated receiver, you will hear music after a few seconds. For all other receivers or amplifiers, you will hear music if the Tape source is selected (see receiver/amplifier manual).

During play the deck's 4-digit tape counter will display tape position with continuously changing digits. The Peak Programme Meters (PPMs) will display sound levels for left and right channels.

To stop play, press **STOP**. The tape will stop instantly. You will see a 4-digit display of tape location. For example: **1503**.

To resume play, press >. You will hear music and see the tape's position displayed with continuously changing digits.

To rewind the tape, press <<.

To fast forward the tape, press >>.

In both modes, the tape counter will display tape position with continuously changing digits. You can switch directly between rewind <<, play >, and fast forward >> without damaging the tape or the deck.

If there is a cassette in the deck, and the deck is in its stand-by position and connected to a Beomaster 5000 or a receiver on which Tape is selected as source, press PLAY in PLAY ●. (Top drawing). And listen to the music!

During play the PPMs indicate sound levels in left and right channels while the tape counter indicates tape location with continuously changing digits. □

9 Stop play

Play a tape. (See 8).

To stop play, press **[STOP]**. The tape stops instantly. Tape location will be displayed.

To resume play from the same position, press **[>]**.

To stop play and put the deck into stand-by, press **●** in **PLAY ●**. (Top drawing). The tape will stop instantly. The deck will automatically close the cassette drawer and go into stand-by. If the deck is connected to a suitably automated Beomaster, this receiver will also go into stand-by.

10 Rewinding/Fast forwarding a tape

Open the cassette drawer. (See 5).

To rewind the tape, press **[<<]**.

To fast forward the tape, press **[>>]**.

In both modes, the tape counter will display tape position with continuously changing digits.

If you let the tape play to the end, it will stop automatically when it reaches the end. If no new instructions are given to the deck, after a 30-minute period, it will automatically close the cassette drawer and go into stand-by. If the deck is connected to a suitably automated Beomaster, this receiver will also go into stand-by.

To stop the tape during rewinding or fast forwarding see 10. To stop the tape during recording, see 19. □

To stop rewinding or fast forwarding, press **[STOP]**. Tape transport stops instantly. Tape position is displayed.

You can switch directly between rewind **[<<]**, play **[>]**, and fast forward **[>>]** without damaging the tape or the deck. >

> 10

When the deck has fast forwarded to the end of the tape, or rewound to the beginning, the tape stops automatically. The tape counter indicates tape position.

When you put a cassette in the deck, the counter shows 0000, irrespective of the actual tape position in the cassette. If you rewind from this position (from

0000), the counter counts down from 9999. Thus when the tape stops at the beginning, the counter will display an "incredible" number. *Something like: 7890.*

To clear the counter, press **[C COUNT]**. You will see this display: 0000. □

11 Playing a tape from the beginning

Open the cassette drawer. (See 5).

Insert the cassette. (See 6).

Press **[START GO]**. The deck will automatically rewind the tape to the beginning and start playback.

During transport, you will see a display of continuously changing digits on the tape counter. When the beginning of the tape is located, the tape counter briefly displays: 0000.

During playback tape position is displayed in continuously changing digits, starting with 0001. The PPMs indicate sound levels in left and right channels.

To stop play, press **[STOP]**. This stops the tape instantly.

To stop play and put the deck in its stand-by position, press **●** in **PLAY ●**. The tape stops instantly. The cassette drawer closes. The deck goes into its stand-by position. □

12 Playing specific tracks

You can tell the deck to play music which begins up to eight tracks forward or eight tracks previous to the tape's current location.

Here's how:

Open the cassette drawer. (See 5).

Insert a cassette. (See 6).

Press **[ADVANCE]**. You will see this display: 1.

The deck automatically fast forwards the tape until it finds the next pause (space between tracks) on the tape. It begins to play the music from this pause. During play, tape location is displayed with continuously changing digits, and the PPMs indicate signal levels in left and right channels.

To play music two, three, four, etc. tracks forward, press **[ADVANCE]** two, three, four, etc. times. You will see a display of the appropriate number. The deck will automatically play the appropriate track. To play music which begins, let's say, on the track previous to the tape's current position, press **[RETURN]** two times.

(Note: if you only press once, the tape will return to the beginning of the current track, so press twice). You will see this display: 2.

The deck automatically rewinds the tape until it finds the previous pause on the tape. It begins to play the music from this pause. During play, tape location is displayed with continuously changing digits, and the PPMs indicate signal levels in left and right channels. □

13 Playing a specific location on a tape

The Beocord can memorise a specific location on a tape. Later you can tell the deck to play from that location, or find that location during rewind or fast forward.

Here's how:

Open the cassette drawer. (See 5).

Insert a cassette. (See 6).

Press **[>]** (play). After a few seconds you will hear the music.

Continuously changing digits indicate tape location and PPMs indicate sound levels in left and right channels.

When you hear the location you want the deck to memorise, press **[MEMO SET]**. The digital display blinks briefly at the location. All functions and displays continue in the normal way. (See 8, Playing a tape).

To play from the memorised position, press **[MEMO GO]**. The deck automatically rewinds the tape and starts playing from the memorised location.

If you press **[MEMO SET]** at a new location, the previous memorised location will be cancelled and the new location will be memorised.

If you press **[STOP]** and stop playing the tape, the deck will still memorise the "stored" location. If you remove the cassette from the deck, the memorised location will be cancelled. □

14 Using the tape counter

The deck's 4-digit tape counter works automatically. It displays tape location during playback, recording, rewind  and fast forward .

When you put a cassette in the cassette drawer (see 5), the tape counter displays 0000, irrespective of the tape's location in the cassette.

If you rewind a tape past the 0000 counter position, the counter will start counting in reverse from 9999. When the tape stops rewinding because it has reached the beginning, you can reset or clear the counter: Press

C COUNT. You will see this display: 0000.

The table below is a rough guide indicating the relationship between what the counter displays and real time elapsed, in minutes.

C60 Cassette		C90 Cassette	
Counter	Mins.	Counter	Mins.
0000	0	0000	0
0545	5	0562	5
0995	10	1045	10
1380	15	1470	15
1725	20	1860	20
2045	25	2215	25
2340	30	2550	30
		2860	35
		3160	40
		3440	45

15 Getting ready to record

To prevent dissatisfaction and frustration, read all these instructions before you begin a recording.

LINE, MIC, AUX input selector

You can make recordings via three signal inputs: LINE, MICrophone or AUXiliary. For most people, LINE is the usual input. This input includes all components that are connected to the receiver/amplifier to which the deck is also connected. So if you want to record a radio programme, a record or a compact disc, the selector switch **must** be in the LINE position.

To make a recording from a microphone the selector switch **must** be in the MIC position. To make a recording from an auxiliary source (like another tape recorder connected to the Beocord's AUX socket), the selector switch **must** be in the AUX position.

To prevent disappointment, get in the habit of putting the selector switch in the LINE position, everytime you have completed a recording from a microphone or an auxiliary source.

Here's how:

Open the cassette drawer. (See 5).

Look at the controls in the left-hand side of the drawer. Locate the selector switch indicated by AUX MIC LINE. The switch can be moved to any of the 3 positions.

To select LINE, move the switch as far right as it will go. If you start from far left (AUX), you will hear two "clicks".

The switch will now be below the position marked LINE. This is where it should be to make recordings from the radio, record player, compact disc player or a second deck connected in the TAPE 2 socket on the receiver or amplifier.

> 15

Dolby Noise Reduction*

Your Beocord 5000 cassette deck is fitted with both Dolby C and Dolby B noise reduction facilities. Before making a recording you must decide whether you want to use Dolby C (20 dB noise reduction) or Dolby B (10 dB noise reduction).

If you plan to playback your tapes on a deck which has only Dolby B circuits, you should also choose this system during recording.

For optimum results, Dolby C should be selected when you plan to make high quality recordings and play the tapes on your Beocord 5000 or a deck with Dolby C facilities.

If you play a tape which was recorded without Dolby noise reduction, the best results from that tape are achieved when you switch off the Dolby noise reduction circuits.

Here's how:

Open the cassette drawer. (See 5).

Look at the controls in the left-hand side of the drawer. Locate the selector switch indicated by OFF, B, C, DOLBY NR.

There are three positions: OFF, at the left; B in the centre and C to the right.

Move the switch to the position you require. You will hear a "click" for each position.

Selecting tape type

Beocord 5000 will accommodate any of the following types of tape: Metal particle, chromium dioxide or normal (ferro) tapes.

You don't have to indicate tape type on the Beocord 5000. As soon as you insert a cassette, the Beocord registers it automatically. (See 6).

HX PRO

Look at the bottom drawing. The sign HX PRO is your guarantee that this Beocord incorporates the HX PROfessional recording system. HX PRO stands for Professional Headroom Extension. This automatic circuit, patented by Bang & Olufsen, secures optimum recording performance on all types of tapes. (For more information about HX PRO, request special literature).

* Trademark of Dolby Laboratories Licensing Corporation.
Noise reduction system manufactured under License from Dolby Laboratories Licensing Corporation.

16 Activating the recording circuit

Open the cassette drawer. (See 5).
Insert a suitable cassette. (See 6 and 15).
To tell the Beocord that you want to make a recording on the cassette you have inserted, press **REC OPEN**.

Now press **RECORD**. This automatically activates the recording circuit and puts the Beocord in its recording mode.
You will see this display:
RECORDING POSSIBLE.

Now select the programme you want to record. *For example, play*

a record. (See separate manuals for record player and receiver or amplifier).

On the Beocord's Peak Programme Meters (PPMs), you will see a display of this programme's signal levels, *for example:*
L---- R----

Signal levels are displayed with continuously flashing lights. These can be green or red lights, depending on the position of the recording level sliders (and thereby the signal strength of the programme to be recorded). (See 17, Setting recording level). □

17 Setting recording level

Open the cassette drawer. (See 5).
To set the recording level, the deck must be in its recording mode. (See 16).

Here's how:
Press **REC OPEN**.

Select a programme source. *For example, play a record.*
Now press **RECORD**. You will see this display:
RECORDING POSSIBLE. The Peak Programme Meters (PPMs) will display the programme's sound levels for left and right channels. >

18 Recording a tape

Check these before you start recording:

- Is the input selector switch on LINE, AUX or MIC? It should be on LINE if you want to record a radio programme, a record, a compact disc or another tape from Tape 2 source. (See 15).
- Have you selected Dolby B or Dolby C noise reduction? (See 15).
- Are the "tabs" still intact at the back of the cassette on which you are about to record? If they've been removed, you won't be able to record on this cassette. Find another. Or cover the "holes" left by the tabs with two pieces of adhesive tape.
- Have you pressed the button marked **REC OPEN**? You must, in order to tell the deck that you want to record on the inserted cassette. (See 6 and 16).
- Have you adjusted the recording levels for both channels? (See 17).

When you can answer yes to the five questions above, you are ready to record.

Recording a tape on the Beocord is extremely easy.

Here's how:
Open the cassette drawer. (See 5).
Insert a suitable cassette. (See 6).
Press **REC OPEN**. (See 16).
Select your programme source. *For example, play a record.*

Now press **RECORD**. You will see this display:
RECORDING POSSIBLE. You will also see a display of the programme's sound levels on the PPMs.
Check your recording level. (See 17).

If you want to record from the beginning of the record, *recue* the record.
When you're ready, press **RECORD** once again. You will see this display: **RECORDING**. And the Beocord will indeed be recording. The PPMs display the programme's sound levels. The tape counter displays tape location.

To stop recording, press **STOP**. > (See 19).

> 17

Locate the recording level sliders for left and right channels.
To adjust the programme's sound levels move both sliders simultaneously to the right (more) or to the left (less).

The PPMs will display the programme's sound levels as you move the sliders.

The green lights indicate that you're OK. When all the green lights flash, you have enough signal strength for the recording and there is no danger of overloading the tape. (Overloading causes distortion).

The first set of flashing red lights indicate the 0 dB level, which is also fine for most recordings. If you use good quality tapes (see 15, Getting ready to record: Selecting tape type), you can also achieve good quality recordings when the second set of red lights flash. These are at the +2 dB level. (The better the quality of the tape, the better it will be at coping with treble peaks in music. That is, the treble peaks will be recorded without audible distortion during playback).

To make finer level adjustments, move the level slider for each channel individually until the signal level is optimum.
For most high quality tapes, this is when the PPMs for both channels flash all the green lights and the first set of red lights continually.

Occasional flashing of the second set of red lights indicates occasional peaks in the music. These are usually acceptable as they do not give audible distortion in playback, when the recommended high quality tapes are used.

When you are satisfied with the recording level setting, press **RECORD** again. The Beocord will start recording.

Since the recording level is adjusted to the music's content seen in relation to the quality of the tape you use, you might want to experiment a little and find the recording level setting which gives optimum performance for your music and tape combination. □

> 18

To listen to what you have recorded, press **STOP**, then **RETURN**. The tape makes a 4-second spacing and then returns to the position

where you started your last recording.

Now press > (play). And listen. To stop play, press **STOP**. (See 9). □

19 Stop recording

Start recording. (See 18).
The **STOP** button has three operating modes during recording:
● Stop instantly
● Stop with 4-second spacing
● Stop so I can remove the cassette.

To stop recording instantly, press **STOP** twice. Briefly and briskly. The Beocord stops instantly. You will see this display:
RECORDING POSSIBLE and a display of tape location.

To continue recording from the same position, press **RECORD**. You will see this display:
RECORDING.

To stop recording and make a 4-second spacing, press **STOP**. Just once.

The Beocord stops after making a 4-second space on the tape. The tape counter displays tape location, including the 4-second space. This space ensures a brief interval or pause between recordings - it's like the space between tracks on a record. You will see this display:

RECORDING POSSIBLE.

You cannot remove the cassette while the deck is alerted to its recording mode, even if the tape has stopped moving. In other words, you cannot remove the cassette as long as you see this display: **RECORDING POSSIBLE**.

To remove the cassette when you see the **RECORDING POSSIBLE** display, press **STOP** once. The display disappears and you can remove the cassette. (See 7). □

20 Recording from a MIC

Open the cassette drawer. (See 5).
Insert a suitable cassette. (See 6).
Look at the left-hand side of the drawer.
Locate the DIN socket marked MIC & AUX. It is designed for a stereo microphone fitted with a 5-pin DIN plug.
Connect your microphone.

If you have a mono microphone with a jack plug, use adaptor cable, type 6271160.
Connect your microphone. The mono signal will be recorded on both channels on the tape.

If you have two mono microphones and want to record in stereo, use adaptor cable, type 6271159.
Connect your microphones. Signals from the left and right microphones will be recorded on the left and right channels on the tape.

Move the input selector switch to MIC as in AUX MIC LINE. (It is right next to the MIC & AUX socket). (See 15).

Press **REC OPEN**.
Press **RECORD**. You will see this display: **RECORDING POSSIBLE**.
Adjust recording level. (See 17).
Naturally you should adjust level with reference to the source you intend to record. For example, your voice.
When you're ready, press **RECORD** once again. You will see this display: **RECORDING**. And the Beocord will indeed be recording. The PPMs will display signal levels and the tape counter will display tape location.

To stop recording, press **STOP**. (See 19). You will see this display: **RECORDING POSSIBLE**. The tape counter will also display tape location.

To listen to what you've recorded, press **RETURN**. The tape will rewind to where you started your recording and stop. The tape counter will display tape location. Press **>** (for play), and listen. The PPMs will display programme levels and the tape counter will display tape location.

To stop play, press **STOP**. You can now remove the cassette. (See 7).

At the end of recording, remember to move the input selector switch to LINE as in AUX MIC LINE. (See 15). □

21 Recording from the AUX input

Open the cassette drawer. (See 5).
Insert a suitable cassette. (See 6).
Look at the left-hand side of the drawer.
Locate the DIN socket marked MIC & AUX. It will accommodate an auxiliary source, for example, input from another tape deck. This allows you to copy a tape from that tape deck.

Here's how:

Connect the extra tape deck to adaptor cable, type 0961014.
Connect this to the MIC & AUX socket.
Move the input selector switch to AUX as in AUX MIC LINE. (See 15).

Press **REC OPEN**.
Press **RECORD**.
You will see this display: **RECORDING POSSIBLE**. The PPMs will display programme levels. Adjust recording level. (See 17).

When you're ready, press **RECORD** once again. You will see this display: **RECORDING**. The Beocord will be recording. The PPMs will display programme levels and the tape counter will display tape location.

To stop recording, press **STOP**. (See 19). You will see this display: **RECORDING POSSIBLE**. The tape counter will also display tape location.

To listen to what you've recorded, press **RETURN**. The tape will rewind to where you started your recording and stop. The tape counter will display tape location. Press **>** (for play), and listen. The PPMs will display programme levels and the tape counter will display tape location.
To stop play, press **STOP**. (See 9). You can now remove the cassette. (See 7).

At the end of recording, remember to move the input selector switch to LINE as in AUX MIC LINE. (See 15). □

22 Cleaning tape heads

The deck incorporates an automatic demagnetising circuit which ensures that there is no build up of excess magnetic flux on the tape heads.

To continue receiving optimum performance from your Beocord, the tape heads must also be kept clean and free from dust.

Purchase a tape head maintenance kit. They are inexpensive and easy to use. Alternatively, use a cotton wool stick dipped in a rinsing fluid designed for this purpose. Gently wipe the tape heads a couple of times. **Do not use denatured alcohol** since it may contain ingredients that are hostile to rubber or plastic.

The cassette drawer helps protect the tape heads from dust so you do not need to clean the tape heads very regularly. As a rule, once every month is adequate. □

23 Trouble-shooting: "What if ...?"

The Beocord 5000 incorporates an awful lot of complex technology. It offers numerous functions and features many of which you'll only get to know after you've lived with the cassette deck for some time.

That is not to say that you have to be an expert to get the best from your Beocord. Far from it. But there is a chance that the day will come when you press a button and nothing, or the wrong thing, will happen.

Before you call your dealer, remember that a recent survey shows that over ninety percent of all reported "electronic faults" were not faults at all; but errors in the way users had operated the device or set the controls.

Quite often, it's the simplest problems that are most annoying and frustrating. The "if only I knew how" sort of problems. This simple trouble-shooting section is designed to help you solve some of them. It might also save you an unnecessary service call.

What if I can't open the cassette drawer?

If the Beocord is being used for the first time, check that the four transport screws underneath the deck have been removed. See Beocord carton.

If the transport screws have been removed, check that the deck is connected to the mains power supply. The cassette drawer is power-operated. It should slide open automatically when you press OPEN. It won't if there's no power. (5)

What if I can't remove the cassette from the Beocord 5000?

The deck is probably still in the recording mode. It has a special mechanism which prevents you from removing the cassette before you are sure that you have completed a recording session. To get the deck out of its recording mode, press **STOP**. The display: **RECORDING POSSIBLE** will disappear. (7)

What if I am trying to make a recording, but I can't get the deck to display:

RECORDING POSSIBLE, so I just can't get started?

Have you inserted a suitable cassette?

Check that the tabs at the back of the cassette have not been removed. If they have, use another cassette. Or cover the spaces left by the tabs with two pieces of adhesive tape.

Have you remembered to press: **REC OPEN**? (15)

What if I can see the display **RECORDING POSSIBLE** but I can't adjust recording level because there is no display on the Peak Programme Meters (PPMs)?

What is the position of the input selector switch? If you want to record from a source which is connected to the receiver or amplifier to which the Beocord is also connected, the switch should be on LINE. Thus to record a radio programme, a record, a compact disc or a tape from Tape 2, the switch should be on LINE.

If you want to record from a microphone, the switch should be on MIC.

If you want to record from an auxiliary source, the switch should be on AUX. (18)

What if I have inserted a suitable cassette, know that the input selector switch is in the correct position, but when I press the **RECORD** button nothing happens?

Did you press **REC OPEN**? This button tells the Beocord that you want to record on the inserted cassette. (16)

What if the tape counter displays 0000 although the tape on the cassette I've just inserted was definitely not at the beginning of the reel?

That's how the counter works: it begins at 0000 everytime you put a new cassette in the deck, irrespective of tape location in the cassette.

To get the true zero-reading, do one of the following: >

> 23

- Press **REW** (rewind). The tape rewinds. The counter starts counting backwards from 9999. The tape will automatically stop when it reaches the beginning but the counter will be displaying an "incredible" number, like 6789. Ignore it. Press **C COUNT** to clear the counter. It will now display 0000.
- Press **START GO**. The tape rewinds. The counter starts counting backwards from 9999. The tape will automatically stop very briefly when it reaches the beginning, the counter converts its "incredible" digital display to 0000 and the tape starts playing almost instantly. The counter will now display tape location starting from 0001. (14)

What if I open or close the cassette drawer while making a recording or playing a tape?

No problem. The deck will continue functioning. Performance won't be affected.

What if the Beocord closed and went into its stand-by position, before I had completed my recording session?

That can only happen if you have put the Beocord into "recording stop" for more than 30 minutes. (See 19). Remember the deck is programmed to go into stand-by if it does not get new instructions after 30 minutes. To continue your recording session, just open the cassette drawer again (see 5), and set up the source you want to record. The tape counter will display tape location from the exact position of your previous pause. You can continue recording from here, or use the **RETURN** or **REW** (rewind) buttons to find a previous location. (18)

What if when I pressed **ADVANCE** during playback the deck indicated 1, as it should, but it went straight past what I know is the next track, and played the third track?

Remember that the deck searches for a pause in the music as an indication of where the new track

starts. If there is no pause between tracks 1 and 2, the deck will continue searching until it finds a suitable pause. It will play from that pause.

If there is no pause in front of the piece of music you want to hear, use the fast forward **FF** button or the **MEMO SET** and **MEMO GO** buttons to find the location you require. (10, 13)

Where is the tape type selector switch?

There is none. This Beocord automatically registers tape type and makes the necessary adjustments. You can use Metal particle, chromium dioxide or iron-oxide tapes. (6, 15)

Where is the EJECT button?

There is none. To remove the cassette, just lift it out of its compartment when the tape has stopped playing. You cannot remove the cassette if the deck is still in its recording mode. That is, if you can see this display:

RECORDING POSSIBLE. To remove the cassette from this mode, press

STOP. The display will disappear. You can now remove the cassette. (7)

What if I carefully programmed my Beosystem 5000 to record a radio programme while I was away but when I got home the radio was playing but the programme was not recorded?

- What is the position of the input selector switch on the Beocord? It should be on LINE. (15, 18)
- What is the position of the recording level sliders? If the signal that was fed to the Beocord was not strong enough, you won't hear a thing. At best, you might hear tape noise. (17)
- Did you press **REC OPEN**? (16)
- Was the inserted cassette suitable for recording? Or were the safety tabs removed to prevent you from erasing what's already on the cassette? (15)
- Was the Beocord properly connected? (2)
- Was the Beocord connected to the power supply? (2)
- Read through 15, Getting ready to record. □

OPEN Opens the cassette drawer. (5)
PLAY Switches on and plays the cassette in the deck, if the Beocord is connected to the Beomaster 5000 or a suitably automated Beomaster receiver. (3, 8)
● Stand-by. A temporary "off" switch. Puts the deck in its stand-by position. (4)

-  Plays the inserted cassette. (8)
-  Rewinds the inserted cassette. (10)
-  Fast forwards the inserted cassette. (10)
-  Finds and plays specific tracks ahead of your current position on a tape. (12)
-  Finds and plays specific tracks previous to your current position on a tape. (12)

If you are in the recording mode:
Finds the position at which you started recording. (18)

-  Stops tape transport, both in playback and recording modes. (9, 19)
-  Starts playing the tape

from the beginning of the reel. If necessary, it will first rewind the tape, then start playing from the beginning. (11)

RECORD Activates the deck's recording circuit. Starts recording on a tape. (18)

MEMO SET Memorises a specific location on a tape so that you can find it at the touch of a button. (13)

MEMO GO Finds a memorised location on a tape. (13)

REC OPEN Tells the Beocord that you want to record on the inserted cassette.

C COUNT Clears the tape counter.

DOLBY NR Abbreviation of Dolby noise reduction. This Beocord incorporates both Dolby B and Dolby C noise reduction circuits. You can select either noise reduction circuit, or switch them both off. (15)

AUX MIC LINE Abbreviations of AUXiliary, MICrophone and LINE inputs. (15)

REC LEVEL Recording level. Sliders for setting recording levels for left and right channels. (17)

Programme source Product or component from which sound information (signal) is obtained. For example, Tape 1, Phono (meaning record player), etc.

Digital display A display of numbers, usually illuminated, and shown on a display panel.

LED Abbreviation of Light Emitting Diode, used in illuminated displays.

The following are separate, automated Bang & Olufsen hi-fi products designed to work together as a complete system. Naturally each product will also work with products from other manufacturers, but to enjoy the convenience of one-touch distance operation, they must be connected to a Beomaster 5000 receiver:

- **Beomaster 5000** An automated Bang & Olufsen FM/AM receiver.
- **Beogram 5000** An automated Bang & Olufsen record player.
- **Beogram CD 50** An automated Bang & Olufsen compact disc player.

- **Beocord 5000** The cassette deck described in this User's Guide.

Master Control Panel 5000 Name of a Bang & Olufsen remote control module which allows distance operation of the Beomaster 5000 receiver and all suitably automated Bang & Olufsen products connected to the Beomaster 5000. Naturally, this includes the Beocord 5000 cassette deck.

Master Control Link Name of a Bang & Olufsen product which, when connected to a Beomaster 5000 and correctly installed, allows you to connect speakers in adjoining rooms and operate and listen to the central sound system from these rooms. □

0000 The four-digit tape counter is activated. You will see this display whenever you open the cassette drawer, start play, clear the counter or remove a cassette. During tape transport, tape position is indicated with continuously changing digits. (See 5, 7, 8, 10, 11, and 14, Using the tape counter).

L---- · R---- The Peak Programme Meters (PPMs) for left and right channels are ready for action. (5, 8, 16)

The Peak Programme Meters (PPMs) are indicating sound levels in left and right channels. Will appear during playback and recording. (5, 8, 16, and 17, Setting recording level).

2 or any digit from 1 to 8. The deck is automatically fast forwarding or rewinding until it finds the piece of music which starts two, three, four, etc. tracks forward or previous to your current position. When the correct track is located, the deck will start playing it. (12).

RECORDING POSSIBLE The deck is ready to record. (15-21). It is in its recording pause mode.

RECORDING The deck is recording. (18-21).

• (A tiny red dot). The Beocord is in its stand-by position. (3, 4). □

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery.

Beocord 5000

User's Guide for cassette deck

- 1 Where can you place your Beocord cassette deck?
- 2 Connecting up
- 3 Switching on
- 4 Switching off
- 5 Opening the cassette drawer
- 6 Inserting a cassette
- 7 Removing a cassette
- 8 Playing a tape
- 9 Stop play
- 10 Rewinding/Fast forwarding a tape
- 11 Playing a tape from the beginning
- 12 Playing specific tracks
- 13 Playing a specific location on a tape
- 14 Using the tape counter
- 15 Getting ready to record:
LINE, MIC, AUX input selector
Dolby Noise Reduction
Selecting tape type
HX PRO
- 16 Activating the recording circuit
- 17 Setting recording level
- 18 Recording a tape
- 19 Stop recording
- 20 Recording from a MIC
- 21 Recording from the AUX input
- 22 Cleaning tape heads
- 23 Trouble-shooting: "What if ...?"
- 24 Glossary of Buttons and Terms
- 25 What the displayed symbols mean
- 26 Technical specifications



We want you to enjoy your Beocord 5000 cassette deck. This User's Guide is designed to help you get to know and learn to use your Beocord easily and quickly. Holding the booklet in one hand, using your index finger to keep the flap open, you will always have an overview of the Beocord's operation buttons and the Guide's table of contents. Your other hand is now free to try out the instructions:

The table of contents lists the activities you might want to carry out. Numbers next to each activity refer to operating instructions for that activity. You can move through the pages and still have an overview of the Beocord's operation buttons. This helps you locate and learn the buttons on the Beocord itself easily and quickly. Explanations of buttons and displays are at the back of the booklet. You can also use them as an index to the activities described within.

Operating the Beocord is neither difficult nor complex - just logical and sequential. It's easy, when you know how. Enjoy.

1 Where can you place your Beocord cassette deck?

Position your Beocord cassette deck horizontally on a flat, stable surface in any convenient location, providing it is well away from direct heat from fires, radiators and sun-filled windows.

Leave at least 12 cms free space in front of the deck so that its drawer can slide open freely. (See 5, Opening the cassette drawer). □