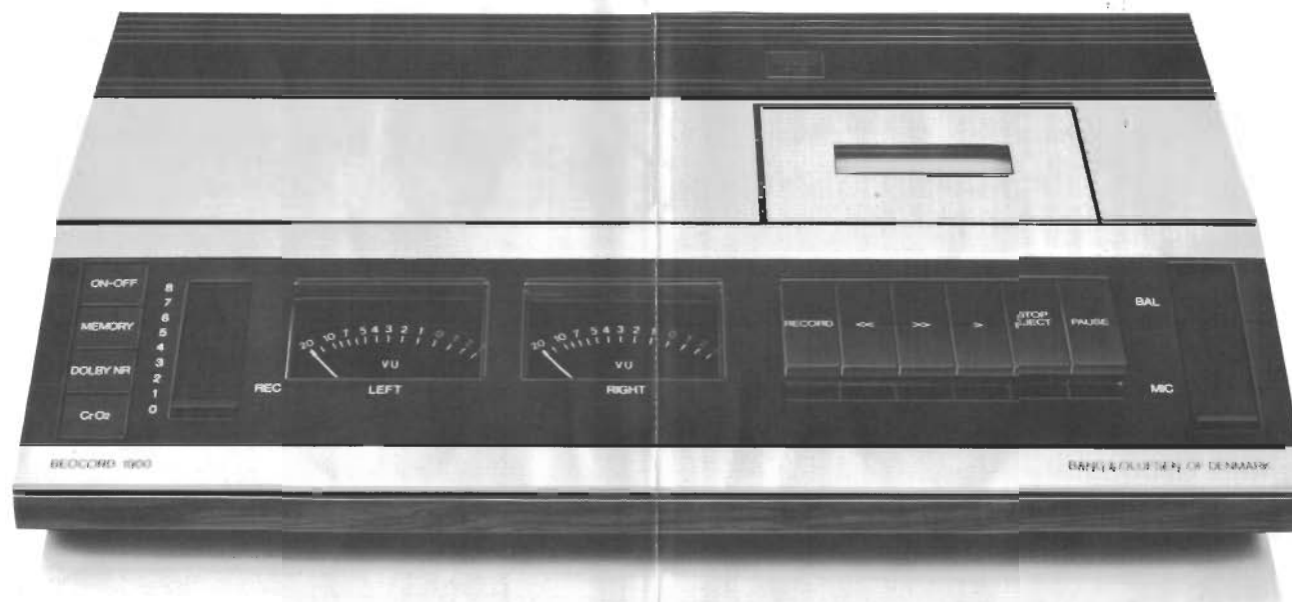


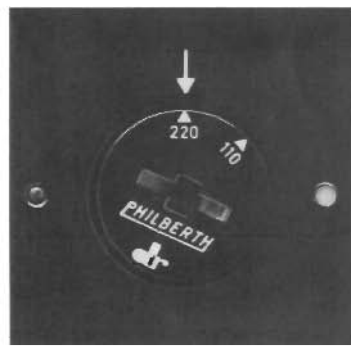
[illegible]

BEOCORD 1900



Setting Up

Your Beocord 1900 is designed for horizontal placement on a desk or in a wall of shelves. The depth dimension inclusive of leads and plugs is 29 cm. The width dimension is 41 cm. Avoid placing your Beocord 1900 directly above a radiator, where the temperature is considerably higher than in the rest of the room.



Mains

Your Beocord 1900 is switchable from 220 volts to 110 volts AC, 50 Hz.

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.

This set requires a 3 Amp. fuse in the mains plug.



Connecting the Beocord to a Radio Set

Plug the 0961014 cable which is provided into the AMPLIFIER socket on the back of your Beocord and the TAPE socket of the radio set or amplifier

Stereo or Mono

Your Beocord is a stereo cassette tape recorder. Recordings will automatically become stereo or mono depending on the radio program or gramophone record being recorded on the tape. Recordings with microphone will always become mono.

Dolby Noise Reduction*

Dolby noise reduction is a function to reduce tape self-noise, which can be troublesome during reproduction of weak sounds and during pauses in the music.

The system operates during both record and playback, and many of the commercially available recorded tapes have been recorded with Dolby noise reduction.

The principle is that weak tones in the treble range are attenuated during the recording process, and during playback a commensurate reduction is made of the same tone range, and hence also of the noise level in that range.

If you know in advance that tape cassette is to be played back on another tape recorder which does not have built-in Dolby noise reduction, you should make your recording without the Dolby function cut in.

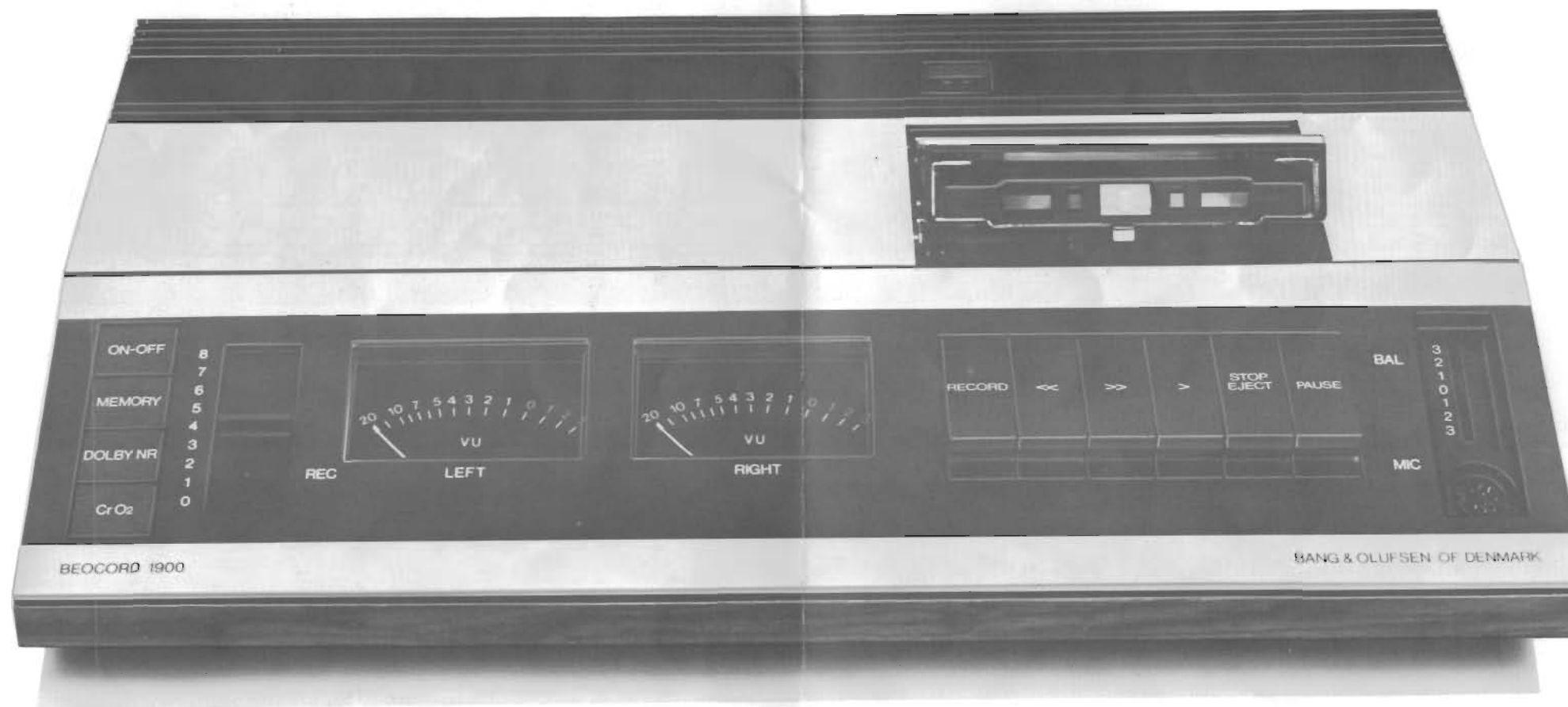
* Trademark of Dolby Laboratories Inc.



MIC

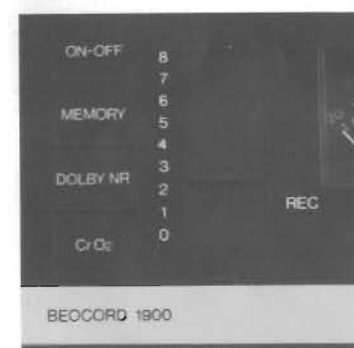
Your Beocord 1900 has provision for connection of a low-impedance microphone, mono or stereo, balanced or unbalanced. The socket is placed under the sliding lid MIC.

All recordings will be mono, and recording from radio or record player is cut off automatically.



ON-OFF

To switch on your Beocord, depress ON. To switch off, press the same button again.



MEMORY

Automatic stop during rewind every time the counter passes 000. Is operative when the MEMORY button is depressed, and the counter is placed on zero.

DOLBY NR

Noise reduction system which functions on both record and playback. Depress button when playing Dolby recordings and when you yourself want to make Dolby recordings. Button should be left released during playback of non-Dolby recordings.

CrO₂

Switch for tape type: both record and playback. Button depressed: Chromium dioxide tape. Button released: Normal low-noise tape, iron oxide.

- > Forward tape motion, play and record
- << Rewind
- >> Fast forward

Automatic Stop

When the tape of a cassette has finished, forward tape motion stops automatically. The same applies after rewind and fast forward.



Stop-eject

Tape stops the first time STOP is pressed. Pressing STOP a second time opens the cassette holder, EJECT.

PAUSE

Pause during forward tape motion: Tape stops the first time PAUSE is pressed. Tape motion continues when button is pressed again. The pause feature may be used during both playback and record.

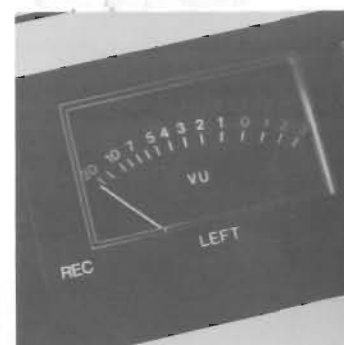


RECORD

First you select program on the receiver: FM, AM, or gramophone. Keep the RECORD button depressed and thereafter depress forward button. Move the sliding knob REC forward while at the same time reading the two VU-meters. The deflection should normally be held just below 0 dB, but may in short powerful passages pass the red + figures. You may depress the PAUSE button while presetting the recording level as described, before beginning to record.

VU-Meters

The two VU-meters are adjusted



so that VU 0 dB corresponds to the standardized Dolby level (200 pWb). Without Dolby, recording can take place until +2 dB at the VU-meters (250 pWb at 3% distortion).

Balance

Under the same sliding lid where microphone socket is placed, you will find a balance button. This button adjusts the right channel in relation to the left, so that you can, when recording in mono, obtain same deflections on both VU-meters.

Tape

This Beocord 1900 is adjusted for tapes following European Standards (DIN). A large number of ferro tapes manufactured after other standards do exist. Several of these tapes will accentuate the treble range when recording. However, chrome tapes or tapes with chrome features are more uniformed.

Ferro-chrome tapes, with double magnetic coating often give the best result when recording like ferro-tapes (button CrO₂ is out) and replayed like chrome tapes (button is pushed in).

Tape Counter

The tape recorder has a three figure resettable counter. To reset, press the top of the counter. Counter readout is orientative and intended for notes, e.g. on the tape cassette proper. The figures have no direct relation to playing times in minutes, but depend on tape thickness and cassette type, C60 or C90. The following time table can therefore be considered as normative.

Cassette C60		
Counter	Min	Scale
000	0	0
046	5	15
097	10	25
152	15	40
212	20	50
284	25	57
370	30	65

Cassette C90		
Counter	Min	Scale
000	0	0
045	5	12
093	10	22
144	15	30
200	20	38
258	25	45
322	30	50
388	35	57
468	40	62
550	45	70

Securing Recordings

Recorded tapes can be safeguarded against accidental erasure. This safeguard consist in two apertures at the rear of the cassette, one for each side (1 and 2). A blocking device sees to it that the RECORD button is inoperative with a recorded and safeguarded tape inserted.



On an unrecorded tape cassette, these apertures are closed by a tongue which allows operation of the RECORD button.



If you have made a recording you want to preserve you can secure it by breaking off the small tongue, or both tongues if you want to preserve both sides, 1 and 2.



Conversely, you can cancel the blockade should you want to make a new recording on a recorded tape. Just cover the apertures with a piece of masking tape.

With aperture: Secured against erasure and re-recording.
Closed: Re-recording may be made.

Maintenance

Tape heads. To secure pure clear sound quality, the two magnet heads must be kept free from tape dust. Use one of the commercially available cleaning liquids for this purpose. Avoid using methylated spirits, which may contain substances that attack rubber and plastics.



With the cassette holder open and no tape cassette inserted rub the two heads with a wad of cotton wrapped around a matchstick and dipped in the cleaning agent.

Metal Surfaces

The external surfaces of your Beocord can normally be kept clean with a dry cloth. Any grease spots can be removed with a soft cloth moistened with cold or lukewarm solution of detergent in water, followed by thorough drying with a dry cloth. Use of alcohol is inadvisable as this may cause damage to the transparent portions of the cursors and the VU meters.

Teak and Rosewood

If the wood surface seem grey and dry you may apply a thin film of teak or rosewood oil, through not more than once or twice a year.

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