



Butoba



**The ultramodern
Transistor
Portable
Tape Recorder... in 104 countries**





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The ultramodern Transistor Portable Tape Recorder

If you are interested in a high quality portable, produced with all the latest technical developments, here you have the instrument that is enjoyed by experts and tape recorder enthusiasts all over the world. With **Butoba MT 5** you obtain two recorders in one, for Butoba is so constructed that it gives equal quality reproduction whether it is used on battery or on mains. With absolute ease it is possible to

Recording: Microphone, Telephone Adaptor, Radio or Record Player etc. **Recording level:** Magic line, Headphone **Reproduction:** Built-in loud speaker, Headphone, Radio **Public address:** for amplifying off microphone, telephone conversations etc. **Counter:**

will enable you to find certain spots quickly. **Forward and rewind buttons:** Increased speed. **Quick start switch:** Immediate full speed, more accurate level from the beginning of the recording. **Quick stop button:** enables short breaks.

= 2 Tape Recorders in one

● Twin track ● Two speeds $3\frac{3}{4}$ " and $1\frac{7}{8}$ " ● 5" reel, up to 1200 ft. tape ● $3\frac{3}{4}$ " equal to 2x1 hour, $1\frac{7}{8}$ " equal to 2x2 hours ● Push button operation ● Fast forward and rewind ● Quick start and stop switch ● Separate tone and volume control ● Microphone input 200 Ohms ● Input voltage 200 μ V ● Input impedance

100 K Ohms ● Output impedance 200 Ohms ● Diode input and N.F. output through Standard Socket ● Frequency range 50-13000 cps. ($3\frac{3}{4}$ ") 60-5000 cps. ($1\frac{7}{8}$ ") ● Noise level 40 db ● Output 1,2 W ● 7 Transistors (OC 603, OC 75, OC 71, OC 76 = 2, 2 x OC 74, 2 diodes OA 81 1 Valve DM 71 ● Mains Con-

verter from 110-260 V. and 50-60 cycles and 6 V. Car battery ● Two motors ● Tape Counter clock ● Batteries: 2 x 4 U.2 = 20-40 hours ● Measurements = 9" x 12" x 6" ● Weight = 12 lbs compl. with batteries

change it for whatever use is required, but the main thing is the remarkable frequency range. This guarantees first class musical as well as verbal reproduction. Even commercial studios with their high demands will choose Butoba. **Butoba MT 5** will give you top quality performance, it is reliable, smart, light and easy to handle. Please, do ask for demonstration of the Butoba-Tape Recorder!

Indoors...

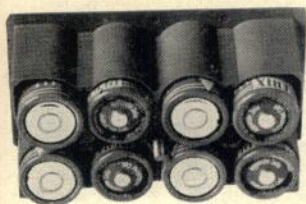
A step to the plug and **Butoba** will save you the cost of batteries! **Butoba** is the ideal machine for everybody, for Educational Institutions, Scientists, Recording Studios, Film-Amateurs, in short for all those people who require a first class reliable, instrument.



Out of doors...

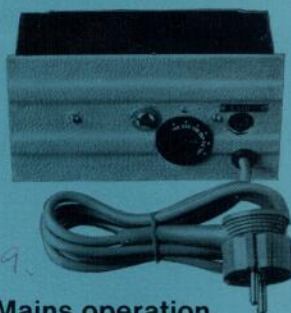
Butoba becomes a world traveller! As a battery operated machine, it is light and handy, and the Butoba can be found in all places where active people are recording the actual happenings, i.e. Mission Stations, Expeditions, Journeys on Safari, Holidays, and wherever you want to record unforgettable hours, in the open.





For battery —

Butoba MT5 is so constructed that with the simplest operation it can be used with either Battery or Mains. **Battery operated:** The 2 x 4 Monocells (6V for the motor and 6V for the Amplifier) cost very little and will allow 20 to 40 hours use without any loss of performance. The Tape Recorder will operate equally well on Battery or Mains. The track motor is regulated by a transistor, and is a high value 6V D.C. Motor.



8.19.

or Mains operation.

The regulated running of this motor from a voltage drop of 6.8 to 4.8 V. is guaranteed. Also for the purpose of fast, forward and rewind there is a second motor.

Mains operation. The Mains Adaptor is suitable for 110-260 V. 50/60 cycles. Also there is provision for connection on to a Car Battery or any 6V. D.C. current source, through the Mains Converter.

2.14.3



And here a practical carrying case... with space for Microphone and other accessories, and yet so light that you can carry Butoba in your hand or over your shoulder, that is why Butoba will be your constant valuable companion on your journeys.



1

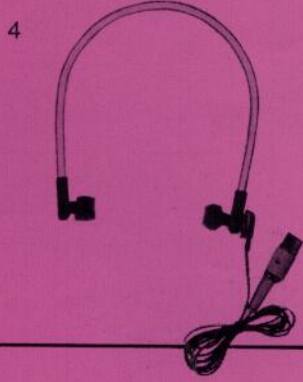


2

13. 4. 7



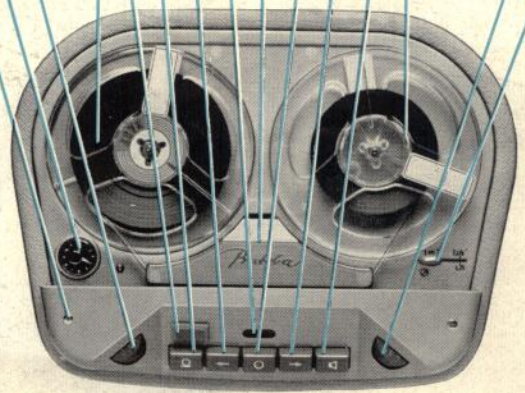
- 1) Speech Microphone MD 7
- 2) Directional Microphone MD 407 for speech and Music.
- 3) Microphone with all characteristics MD 21. High quality Studio Microphone.



- 4) Ear Phone (200 Ohms) with Stetoclip.
- 5) Telephone Adaptor.



- push button cover
- tape clock
- volume control
- take-up reel
- Start-Stop
- recording
- fast rewind
- magic line
- head cover
- Stop
- fast forward
- reproduction
- rewind reel
- Tone control
- setting the speeds



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