

TEAC E-3 Head Demagnetizer



As the Leader in tape recording, TEAC developed the best Head Demagnetizer available today for those who realize the value of proper tape head care. More powerful, yet lighter and more convenient than traditional designs, the E-3 offers the protection needed from magnetic build-up, and is built with the quality of TEAC.

FEATURING:

QUICK & EASY HEAD CARE

Four or five strokes of the powerful demagnetizer tip across the front of the head surface assures complete degaussing of the built-up magnetism.

FLEXIBLE TIP ANGLE

Even recessed heads on cassette players are easily accessible by the narrow shaft and flexible tip which can be set to any angle within its 220° arc for the best contact with the head.

COOL OPERATION

High efficiency of the E-3 permits extended operation without noticeable heat build-up. Lower operating temperature insures longer life. Also, the E-3 can be safely used for continuous operation on several decks consecutively.

DOES IT WITH A BUZZ

A pleasant buzzing sound assures the user that the E-3 is working and is a reminder to turn power off when finished.

WHY DE-MAGNETIZE?

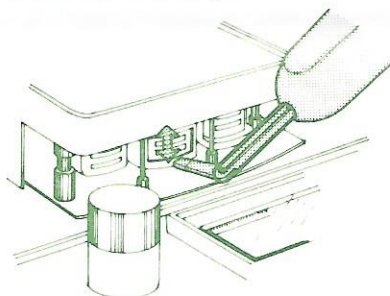
When tapes are recorded, the magnetic particles on the tape are carefully arranged in a certain pattern which will reproduce the recording during playback. If anything

disturbs particles on the tape during or after the recording, the content of the program will be altered permanently, resulting in noise or distortion. The probable source of disturbance is magnetized heads or tape guides on the deck.

Any metal part containing iron or ferro-alloys, or a few other metals, can be magnetized by electric currents, contact with another magnet or magnetic field, or a sharp blow. As electric currents flow through the heads and the tape itself carries magnetism across the guides and the capstan, these parts are liable to be magnetized eventually by gradual build-up or suddenly by strong currents (in the heads).

WHEN TO DEMAGNETIZE

If performed as instructed, there is no such thing as excessive demagnetization. At the minimum, perform the procedures after every 50 hours of use, recording or playback. Always demagnetize whenever the heads are suspected of affecting the signal-to-noise ratio or of decreasing high-frequency response. It is recommended that heads be demagnetized before every recording. They may be demagnetized before each time the deck is turned on, to really protect your treasured tape recordings.



OPERATION NOTES

1. Turn off AC power to the tape deck.
2. Plug the E-3 power cord into an AC outlet.
3. a) Slide the E-3 power switch ON;
b) bring the tip very close to the head;
c) gently move it up and down across the head (or post) for a few seconds.
4. Slowly draw the demagnetizer away from the head; proceed to the next head or part slowly and evenly.
5. The same demagnetizing procedure should be followed on each head, capstan shaft and guide posts.
6. Upon completing these procedures, slowly draw away from the deck at least 12 inches (30 cm) before turning off the E-3 power switch to avoid magnetizing the areas again.

CAUTION: Keep the E-3 Demagnetizer well away from VU or other electric meters with electromagnetic meter movements.

SPECIFICATIONS

AC (mains) Voltage: 117 or 220/240 V AC,
50/60 Hz
Power Consumption: Approximately 2.5 W

- * Features and specifications subject to change without notice.
- * Photographs and/or illustrations may differ slightly from the appearance of your unit when production design improvements are incorporated.

TEAC CORPORATION

TEAC CORPORATION OF AMERICA

TEAC AUSTRALIA PTY., LTD.

3-7-3 NAKA-CHO MUSASHINO TOKYO PHONE (0422) 53-1111

7733 TELEGRAPH ROAD MONTEBELLO CALIFORNIA 90640 PHONE (213) 726-0303

165-167 GLADSTONE STREET SOUTH MELBOURNE VICTORIA 3205 PHONE 699-6000