

MODEL 111 TAPE DEGAUSSER

USES

- Erases all types of magnetic tape for re-recording
- Assures wholly blank tape for new recording

FEATURES

- Portable
- Durable and rugged
- Accommodates tape reels of all sizes and hub types

The Ampex Model 111 Tape Degausser can be used to demagnetize magnetic tape or film up to 2 inches wide. Reels may be metal or plastic, with any type of hub, and of any diameter up to 14 inches. If used with extreme care 19-inch reels may be degaussed.

The Degausser contains two powerful electromagnets which generate the erasing field, each having its individual fuse and pilot lamp located on the front panel. Sides and bottom of the Model 111 are made of heavy steel, which serves as a shield for the electromagnetic field. The top of the unit is a heavy black Bakelite plate with a slender spindle emerging from it. This black plate supports the reel to be degaussed and allows the field to pass through to penetrate the reel and tape.



Turn power on and rotate slowly in either direction.



Place tape on Degausser with power off.

SPECIFICATIONS

<i>Power</i>	115 volts, 50/60 cycle AC, 2000 watts intermittent. Do not operate the Model 111 continuously for more than ten minutes.
<i>Dimensions</i>	3 $\frac{3}{4}$ x 12 x 14 inches.
<i>Net Weight</i>	33 pounds.
<i>Shipping Weight</i>	37 pounds.

OPERATION

Place the reel to be erased flat on the Bakelite surface, with the spindle inside the reel's hub opening. Turn on the power switch and check that both pilot lamps are lit. Rotate the reel slowly around the spindle three (or more) times. Turn the reel over and repeat the process. Continue rotating the reel and lift it slowly off and away from the Degausser.

NOTE: DO NOT USE DEGAUSSER WHILE WEARING A WRISTWATCH!

Your investment in Ampex equipment yields maximum returns when it is operated and maintained by Ampex-trained people. Live and videotape training courses available worldwide. For brochure, write Ampex Technical Institute, 860 Charter Street, Redwood City, Ca. 94063, U.S.A.

AMPEX

Ampex Corporation, Instrumentation Division
401 Broadway
Redwood City, California 94063

INSTRUCTIONS



TYPE

AMPEX

PART # 23634-01
MODEL #111
DEGAUSSER

AEROVOX CORPORATION
BURBANK, CALIFORNIA

INSTRUCTIONS

DEGAUSSER

AMPEX

MODEL #111

Caution: Before starting the degaussing operation, the film or tape being degaussed should be on a non-magnetic reel, or hub, (plastic, aluminum, or brass).

1. Connect to a power source of 115V, 60 cycle, single phase AC.
2. Place film, (or tape) on the degausser, centered over the degausser panel spindle.
3. Turn degausser switch on. Note that both pilot lights are on before proceeding with the degaussing operation.
4. Slowly rotate the film, (or tape) one complete revolution without stopping and continue rotation in a spiral motion away from the surface of the degausser. This step should take from 3 - 4 seconds to complete.

IMPORTANT: It is important for proper degaussing that the film be rotated at a constant rate.

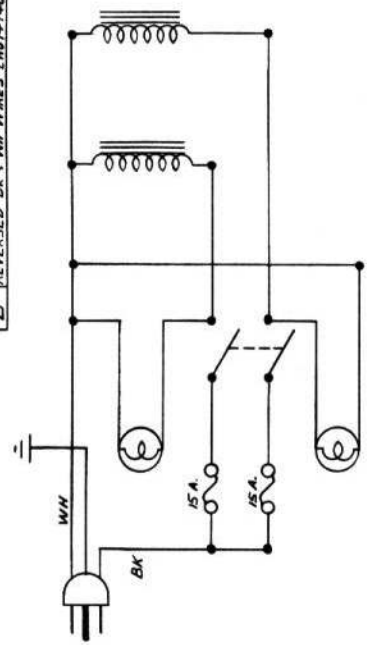
5. Turn off the degausser. Operate the degausser continuously for periods not greater than 10 minutes. After 10 minutes, shut off power and allow to cool for at least 10 minutes. For longest life, turn off immediately after each degaussing.

Dimensions:	Width:	12"
	Length:	14"
	Depth:	4-1/8"
	Cord Length:	6 feet

Net Weight: 32 pounds

Data complements: Part of this instruction: Drawing B-12051

REVISIONS			
SYM	DESCRIPTION	DATE	APPR.
A	REDRAWN - EWO 14690 WFR	8-16-42	(1)
B	REVERSED BK & WH WIRES - EWO 14690 WFR	11-19-42	(1)



ITEM	QTY	DESCRIPTION
1	1	A-52309 CORD & PLUG FAB.
2	2	CM 105 LAMP 120 VOLTS 6 WATT
3	2	CM 109-15 FUSE 3AB 250 VOLT 15 AMP.
4	2	CM 106-F FUSE HOLDER
5	2	A-12297 SWITCH
6	2	B-12297 COIL ASSEMBLY

LIST OF MATERIAL AEROVOX CORPORATION BURBANK PLANT/HI-Q DIVISION 1100 CHESTNUT ST. BURBANK, CALIF.	
WIRING DIAGRAM - DEGAUSSER	
MATERIAL _____	FINISH _____
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONAL DECIMAL ANGULAR $\pm 1/64$ $\pm .005$ $\pm 1^\circ$ ECCENTRICITY BETWEEN ANY DIAMETERS SHALL NOT EXCEED .010 TOTAL INDICATOR READING SHALL NOT EXCEED .010	APPROVED: <i>[Signature]</i> CHECKED: <i>[Signature]</i> DRAWN: <i>[Signature]</i> SCALE: NONE
DWG NO. B-12051	REV. B

NOTES:
 1. ALL WIRES TO BE STRIPPED
 & TINNED 5/8" FROM END.

