

FerroMaster™

AUDIO PRO

731 NORMAL BIAS TYPE I ULTRA-HIGH OUTPUT CASSETTES



The 731 SERIES is a high-output, low-noise extended frequency range tape designed expressly for the most demanding recording application. The oxide/binder system has been formulated to provide improved frequency response and maximum output levels.

- Smooth-running cassette housing
- Traditional J-card and labels
- Clear Norelco-style box
- Individually cello-wrapped
- Packed in protective 10-pack box
- 10-pack box shrink-wrapped to prevent contamination.

FerroMaster™ AUDIO PRO 731

NORMAL BIAS TYPE I
ULTRA-HIGH OUTPUT
AUDIO CASSETTES

SPECIFICATIONS AND BIAS SET-UP PROCEDURE

Physical Properties

	<u>Unit</u>
Base Material	
Standard Width	mm
Width Tolerance	mm
Total Thickness	μm
Base Thickness	μm
Coating Thickness	μm

Magnetic Properties

Coercivity	Oe
Retentivity	Gauss

Electromagnetic Properties

Maximum Output Level at 315 Hz	dB
Relative Tape Sensitivity at 315 Hz	dB
Relative Tape Sensitivity at 10 Hz	dB
Saturated Output Level at 10 Hz	dB
Audio Signal / Noise Ratio	dB
Reference Level	nW/m
Recommended Bias	dB

C-60

Polyester
Tensilized

3.81
+0/-0.05
16.3
12.2
4.1

C-90

Polyester
Tensilized

3.81
+0/-0.05
13.3
9.2
4.1

370	370
1700	1700

+12.0	+12.0
-1.2	-1.2
-12.2	-12.2
-6.9	-6.9
>68.0	>68.0
250	250
2.0	2.0

* Specification is for +2 db over biasing at 6.3 kHz. 20 db below reference level.

Record Equalization — For optimum performance, record equalization should be set after biasing, as the oxide in this tape responds somewhat differently due to its high performance characteristics.

SPECIFICATIONS ARE REVISED AS PRODUCTS IMPROVE. (Rev 11-9-23)

Tapes made in the United States of domestic and imported materials by:

National Audio Company, Inc.

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