

MAGNETIC REFERENCE LABORATORY, INC.

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Single-Frequency Calibration Tapes: 1 kHz

These "minimalist" single frequency Calibration Tapes contain a 1 kHz signal for setting level. (See other side for 10 kHz tapes.) They are shown in the table below for ¼-, ½-, 1-, and 2-inch widths; and 3.75-, 7.5-, 15-, and 30-in/s tape speeds.

Catalog numbers are shown for reference fluxivities of both 250 nWb/m ("+3 dB") and 355 nWb/m ("+6 dB"). The tone is recorded at 0 dB on all tapes except at 3.75 in/s the tone is recorded at -10 dB to avoid saturating the tape at high frequencies.

Catalog numbers and prices are given for both 4-minute and 8-minute total durations. Inquire for longer durations.

See "Choosing and Using MRL Calibration Tapes for Audio Tape Recorder Standardization", MRL Publication Choo&U, for more information on choosing and converting between different equalizations and levels, as well as descriptions of other test signals that are available from MRL, and notes on using Calibration Tapes.

Table of Single-Frequency Calibration Tapes with 1 kHz

Medium	Tape Speed	Equalization Standard	Level of Recorded Signals*	4 minutes total			8 minutes total		
				Catalog Number for Reference Fluxivity of:		Price	Catalog Number for Reference Fluxivity of:		Price
				250 nWb/m ("+3 dB")	355 nWb/m ("+6 dB")		250 nWb/m ("+3 dB")	355 nWb/m ("+6 dB")	
¼ in	3.75 in/s	IEC & NAB	-10 dB	221-560-380-108	221-560-410-104	100 \$	221-560-380-124	221-560-410-120	140 \$
		IEC (IEC1)	0 dB	231-560-480-108	231-560-510-104		231-560-480-124	231-560-510-120	
	NAB (IEC2)	0 dB	233-560-480-104	233-560-510-100	233-560-480-120		233-560-510-126		
	IEC (IEC1)	0 dB	241-560-480-105	241-560-510-101	241-560-480-121		241-560-510-127		
	NAB (IEC2)	0 dB	243-560-480-101	243-560-510-107	243-560-480-127		243-560-510-123		
30 in/s	AES (IEC2)	0 dB	251-560-480-102	251-560-510-108	105 \$	251-560-480-128	251-560-510-124	155 \$	
½ in	3.75 in/s	IEC & NAB	-10 dB	321-560-380-107	321-560-410-103	145 \$	321-560-380-123	321-560-410-129	225 \$
		IEC (IEC1)	0 dB	331-560-480-107	331-560-510-103		331-560-480-123	331-560-510-129	
	NAB (IEC2)	0 dB	333-560-480-103	333-560-510-109	333-560-480-129		333-560-510-125		
	IEC (IEC1)	0 dB	341-560-480-104	341-560-510-100	341-560-480-120		341-560-510-126		
	NAB (IEC2)	0 dB	343-560-480-100	343-560-510-106	343-560-480-126		343-560-510-122		
30 in/s	AES (IEC2)	0 dB	351-560-480-101	351-560-510-107	170 \$	351-560-480-127	351-560-510-123	250 \$	
1 in	3.75 in/s	IEC & NAB	-10 dB	421-560-380-106	421-560-410-102	265 \$	421-560-380-122	421-560-410-128	415 \$
		IEC (IEC1)	0 dB	431-560-480-106	431-560-510-102		431-560-480-122	431-560-510-128	
	NAB (IEC2)	0 dB	433-560-480-102	433-560-510-108	433-560-480-128		433-560-510-124		
	IEC (IEC1)	0 dB	441-560-480-103	441-560-510-109	441-560-480-129		441-560-510-125		
	NAB (IEC2)	0 dB	443-560-480-109	443-560-510-105	443-560-480-125		443-560-510-121		
30 in/s	AES (IEC2)	0 dB	451-560-480-100	451-560-510-106	305 \$	451-560-480-126	451-560-510-122	475 \$	
2 in	7.5 in/s	IEC (IEC1)	0 dB	531-560-480-105	531-560-510-101	375 \$	531-560-480-121	531-560-510-127	570 \$
		NAB (IEC2)	0 dB	533-560-480-101	533-560-510-107		533-560-480-127	533-560-510-123	
	IEC (IEC1)	0 dB	541-560-480-102	541-560-510-108	541-560-480-128		541-560-510-124		
	NAB (IEC2)	0 dB	543-560-480-108	543-560-510-104	543-560-480-124		543-560-510-120		
	30 in/s	AES (IEC2)	0 dB	551-560-480-109	551-560-510-105		420 \$	551-560-480-125	

* Because of tape saturation at the higher frequencies at lower speeds, some tapes are recorded at -10 dB.

Prices are in US \$, and do not include shipping or applicable taxes.

Prices may be changed without notice.