

# 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	<b>221-560-380-108</b>	<b>221-560-410-104</b>	100 \$	<b>221-560-380-124</b>	<b>221-560-410-120</b>	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	<b>233-560-480-104</b>	<b>233-560-510-100</b>	<b>233-560-480-120</b>		<b>233-560-510-126</b>		
	IEC (IEC1)	0 dB	241-560-480-105	241-560-510-101	241-560-480-121		241-560-510-127		
	NAB (IEC2)	0 dB	<b>243-560-480-101</b>	<b>243-560-510-107</b>	<b>243-560-480-127</b>		<b>243-560-510-123</b>		
30 in/s	AES (IEC2)	0 dB	<b>251-560-480-102</b>	<b>251-560-510-108</b>	105 \$	<b>251-560-480-128</b>	<b>251-560-510-124</b>	155 \$	
½ in	3.75 in/s	IEC & NAB	-10 dB	<b>321-560-380-107</b>	<b>321-560-410-103</b>	145 \$	<b>321-560-380-123</b>	<b>321-560-410-129</b>	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	<b>333-560-480-103</b>	<b>333-560-510-109</b>	<b>333-560-480-129</b>		<b>333-560-510-125</b>		
	IEC (IEC1)	0 dB	341-560-480-104	341-560-510-100	341-560-480-120		341-560-510-126		
	NAB (IEC2)	0 dB	<b>343-560-480-100</b>	<b>343-560-510-106</b>	<b>343-560-480-126</b>		<b>343-560-510-122</b>		
30 in/s	AES (IEC2)	0 dB	<b>351-560-480-101</b>	<b>351-560-510-107</b>	170 \$	<b>351-560-480-127</b>	<b>351-560-510-123</b>	250 \$	
1 in	3.75 in/s	IEC & NAB	-10 dB	<b>421-560-380-106</b>	<b>421-560-410-102</b>	265 \$	<b>421-560-380-122</b>	<b>421-560-410-128</b>	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	<b>433-560-480-102</b>	<b>433-560-510-108</b>	<b>433-560-480-128</b>		<b>433-560-510-124</b>		
	IEC (IEC1)	0 dB	441-560-480-103	441-560-510-109	441-560-480-129		441-560-510-125		
	NAB (IEC2)	0 dB	<b>443-560-480-109</b>	<b>443-560-510-105</b>	<b>443-560-480-125</b>		<b>443-560-510-121</b>		
30 in/s	AES (IEC2)	0 dB	<b>451-560-480-100</b>	<b>451-560-510-106</b>	305 \$	<b>451-560-480-126</b>	<b>451-560-510-122</b>	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	<b>533-560-480-101</b>	<b>533-560-510-107</b>		<b>533-560-480-127</b>	<b>533-560-510-123</b>	
	IEC (IEC1)	0 dB	541-560-480-102	541-560-510-108	541-560-480-128		541-560-510-124		
	NAB (IEC2)	0 dB	<b>543-560-480-108</b>	<b>543-560-510-104</b>	<b>543-560-480-124</b>		<b>543-560-510-120</b>		
	30 in/s	AES (IEC2)	0 dB	<b>551-560-480-109</b>	<b>551-560-510-105</b>		420 \$	<b>551-560-480-125</b>	

\* 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.