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Three-Frequency Calibration Tapes: 1 kHz, 10 kHz, and 50 Hz, 1/3 each

These "minimalist" three-frequency Calibration Tapes contain a 1 kHz signal for setting level, a 10 kHz signal for setting azimuth and high-frequency equalization, and a 50 Hz signal for checking the low-frequency equalization. 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"). All tones are recorded at 0 dB on all tapes except at 3.75 in/s all tones are recorded at -10 dB to avoid saturating the tape at high frequencies. All of these recordings are fringing compensated.

For 2-track ½ inch, or 2- or 4-track 1inch use, inquire for the catalog numbers of non-fringing compensated tapes. Please also see Publication LF, on the oher side.

Catalog numbers and prices are given for total durations of 4 minutes (72 s per tone) and for 8 minutes (152 s per tone).

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 Three-Frequency Calibration Tapes with 1 kHz, 10 kHz, and 50 Hz, 1/3 each

Medium	Tape Speed	Equalization Standard	Level of Recorded Signals*	4 minutes total (72 s per tone)			8 minutes total (152 s per tone)		
				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	**221-070-382-100**	**221-070-412-106**		**221-070-382-126**	**221-070-412-122**	
	7.5 in/s	IEC (IEC1)	0 dB	231-070-482-100	231-070-512-106		231-070-482-126	231-070-512-122	
		NAB (IEC2)	0 dB	**233-070-482-106**	**233-070-512-102**	100 $	**233-070-482-122**	**233-070-512-128**	140 $
	15 in/s	IEC (IEC1)	0 dB	241-070-482-107	241-070-512-103		241-070-482-123	241-070-512-129	
		NAB (IEC2)	0 dB	**243-070-482-103**	**243-070-512-109**		**243-070-482-129**	**243-070-512-125**	
	30 in/s	**AES** (IEC2)	0 dB	**251-070-482-104**	**251-070-512-100**	105 $	**251-070-482-120**	**251-070-512-126**	155 $
½ in	**3.75 in/s**	IEC & **NAB**	-10 dB	**321-070-382-109**	**321-070-412-105**		**321-070-382-125**	**321-070-412-121**	
	7.5 in/s	IEC (IEC1)	0 dB	331-070-482-109	331-070-512-105		331-070-482-125	331-070-512-121	
		NAB (IEC2)	0 dB	**333-070-482-105**	**333-070-512-101**	145 $	**333-070-482-121**	**333-070-512-127**	225 $
	15 in/s	IEC (IEC1)	0 dB	341-070-482-106	341-070-512-102		341-070-482-122	341-070-512-128	
		NAB (IEC2)	0 dB	**343-070-482-102**	**343-070-512-108**		**343-070-482-128**	**343-070-512-124**	
	30 in/s	**AES** (IEC2)	0 dB	**351-070-482-103**	351-070-512-109	170 $	**351-070-482-129**	**351-070-512-125**	250 $
1 in	**3.75 in/s**	IEC & **NAB**	-10 dB	**421-070-382-108**	**421-070-412-104**		**421-070-382-124**	**421-070-412-120**	
	7.5 in/s	IEC (IEC1)	0 dB	431-070-482-108	431-070-512-104		431-070-482-124	431-070-512-120	
		NAB (IEC2)	0 dB	**433-070-482-104**	**433-070-512-100**	265 $	**433-070-482-120**	**433-070-512-126**	415 $
	15 in/s	IEC (IEC1)	0 dB	441-070-482-105	441-070-512-101		441-070-482-121	441-070-512-127	
		NAB (IEC2)	0 dB	**443-070-482-101**	**443-070-512-107**		**443-070-482-127**	**443-070-512-123**	
	30 in/s	**AES** (IEC2)	0 dB	**451-070-482-102**	**451-070-512-108**	305 $	**451-070-482-128**	**451-070-512-124**	475 $
2 in	**7.5 in/s**	IEC (IEC1)	0 dB	531-070-482-107	531-070-512-103		531-070-482-123	531-070-512-129	
		NAB (IEC2)	0 dB	**533-070-482-103**	**533-070-512-109**		**533-070-482-129**	**533-070-512-125**	
	15 in/s	IEC (IEC1)	0 dB	541-070-482-104	541-070-512-100	375 $	541-070-482-120	541-070-512-126	570 $
		NAB (IEC2)	0 dB	**543-070-482-100**	**543-070-512-106**		**543-070-482-126**	**543-070-512-122**	
	30 in/s	**AES** (IEC2)	0 dB	**551-070-482-101**	**551-070-512-107**	420 $	**551-070-482-127**	**551-070-512-123**	645 $

* 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.