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Four-Frequency Calibration Tapes: 1 kHz, 10 kHz, 16 kHz, and 100 Hz, ¼ each

These "minimalist" four-frequency Calibration Tapes contain a 1 kHz signal for setting level, a 10 kHz signal for setting azimuth and high-frequency equalization, a 16 kHz signal for checking high-frequency response, and a 100 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 15- and 30-in/s tapes; all tones are recorded at -10 dB on 3.75- and 7.5 in/s tapes, 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.

Catalog numbers and prices are given for total durations of 4 minutes (54 s per tone) and for 8 minutes (115 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 Four-Frequency Calibration Tapes with 1 kHz, 10 kHz, 16 kHz, and 100 Hz, ¼ each

Medium	Tape Speed	Equalization Standard	Level of Recorded Signals*	4 minutes total (54 s per tone)			8 minutes total (115 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	**221-673-382-107**	**221-673-412-103**		**221-673-382-123**	**221-673-412-123**	
	7.5 in/s	IEC (IEC1)	-10 dB	231-673-382-104	231-673-412-100		231-673-382-120	231-673-412-126	
		NAB (IEC2)	-10 dB	**233-673-382-100**	**233-673-412-106**	100 $	**233-673-382-126**	**233-673-412-122**	140 $
	15 in/s	IEC (IEC1)	0 dB	241-673-482-104	241-673-512-100		241-673-482-120	241-673-512-126	
		NAB (IEC2)	0 dB	**243-673-482-100**	**243-673-512-106**		**243-673-482-126**	**243-673-512-122**	
	30 in/s	**AES** (IEC2)	0 dB	**251-673-482-101**	**251-673-512-107**	105 $	**251-673-482-127**	**251-673-512-123**	155 $
½ in	**3.75 in/s**	IEC & **NAB**	-10 dB	**321-673-382-106**	**321-673-412-102**		**321-673-382-122**	**321-673-412-128**	
	7.5 in/s	IEC (IEC1)	-10 dB	331-673-382-103	331-673-412-109		331-673-382-129	331-673-412-125	
		NAB (IEC2)	-10 dB	**333-673-382-109**	**333-673-412-105**	145 $	**333-673-382-125**	**333-673-412-121**	225 $
	15 in/s	IEC (IEC1)	0 dB	341-673-482-103	341-673-512-109		341-673-482-129	341-673-512-125	
		NAB (IEC2)	0 dB	**343-673-482-109**	**343-673-512-105**		**343-673-482-125**	**343-673-512-121**	
	30 in/s	**AES** (IEC2)	0 dB	**351-673-482-100**	351-673-512-106	170 $	**351-673-482-126**	**351-673-512-122**	250 $
1 in	**3.75 in/s**	IEC & **NAB**	-10 dB	**421-673-382-105**	**421-673-412-101**		**421-673-382-121**	**421-673-412-127**	
	7.5 in/s	IEC (IEC1)	-10 dB	431-673-382-102	431-673-412-108		431-673-382-128	431-673-412-124	
		NAB (IEC2)	-10 dB	**433-673-382-108**	**433-673-412-104**	265 $	**433-673-382-124**	**433-673-412-120**	415 $
	15 in/s	IEC (IEC1)	0 dB	441-673-482-102	441-673-512-108		441-673-482-128	441-673-512-124	
		NAB (IEC2)	0 dB	**443-673-482-108**	**443-673-512-104**		**443-673-482-124**	**443-673-512-120**	
	30 in/s	**AES** (IEC2)	0 dB	**451-673-482-109**	**451-673-512-105**	305 $	**451-673-482-125**	**451-673-512-121**	475 $
2 in	**7.5 in/s**	IEC (IEC1)	-10 dB	531-673-382-101	531-673-412-107		531-673-382-127	531-673-412-123	
		NAB (IEC2)	-10 dB	**533-673-382-107**	**533-673-412-103**		**533-673-382-123**	**533-673-412-129**	
	15 in/s	IEC (IEC1)	0 dB	541-673-482-101	541-673-512-107	375 $	541-673-482-127	541-673-512-123	570 $
		NAB (IEC2)	0 dB	**543-673-482-107**	**543-673-512-103**		**543-673-482-123**	**543-673-512-129**	
	30 in/s	**AES** (IEC2)	0 dB	**551-673-482-108**	**551-673-512-104**	420 $	**551-673-482-124**	**551-673-512-120**	645 $

* Because of tape saturation at the higher frequencies at lower speeds, 3.75- and 7.5 in/s tapes are recorded at -10 dB.

Prices are in US $, and do not include shipping or applicable taxes. Prices may be changed without notice.