

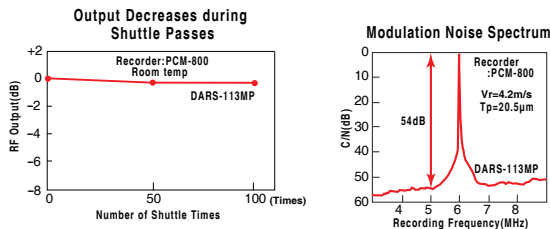
# DTRS 8-Channel Digital Audio Format: DARS-MP Cassettes for Professional Use

For DTRS 8-Channel Digital Audio Recording, Sony offers two kinds of metal DTRS tapes. Both are an excellent match for Sony PCM-800 and TASCAM DA-88 recording equipment.



## DARS-MP metal tape technology

DARS-MP employs ultra-fine metal magnetic particles in a special binder to attain 54dB C/N and deliver full 16-bit DTRS potential. Precision manufacturing and quality control raise dependability for critical recording needs. Tests prove that Sony DARS-MP output stays within 0.5dB even after 100 playback cycles.



## Physical properties

Item	Unit	Typical value
		DARS-113MP
Thickness: Base	µm	7.0
Thickness: Backcoating	µm	1.0
Thickness: Magnetic layer	µm	2.5
Thickness: Total	µm	10.5
Width	mm	8.0
Yield strength	N	10.0
Breaking tensile strength	N	20.0
Residual elongation	%	0.02

## Magnetic properties

Item	Unit	Typical value
Intrinsic coercivity (Hc)	kA/m	123.0
Retentivity (Br)	mT	250
Squareness (Br/Bm)	∅	0.80

## Audio performance

Item	Unit	Typical value
Frequency Response	Hz	20-20,000
Dynamic Range	dB	>90/channel

## Convenient case and label system

Sony DARS cassettes come in a sturdy album case with five preprinted case labels and two cassette labels. The hard case is designed to protect against dust and help preserve tape performance. The label system promotes efficiency in recording and editing tasks.