

Bias Chart



25709 Hammet Circle  
 Stevenson Ranch, CA 91381  
 661-287-9877

Recorder Type	Record Gap Length		
	.25 mils	.30-.40 mils	.50 mils
Ampex ATR-100 Series			X
Ampex ATR-124 (2")		X	
Ampex MM-1000			X
Ampex MM1100		X	
Ampex MM1200		X	
Lyrec (all)		X	
MCI (all)		X	
Otari MTR-10 (1/4" only)		X	
Otari MTR-12 (1/4" only)		X	
Otari MTR-15 (1/4" only)		X	
Otari MX-5050 (full track only)			X
Otari MX-7800			X
Otari MkII-1			X
Otari (all others)	X		
Scully (all)		X	
Soundcraft (all)		X	
Stevens 24-track			X
Studer (all)	X		
3M M79		X	
Tascam (all)	X		

BIAS RECOMMENDATIONS IN dB FOR 10 KHZ INPUT

SM900	.25 mils	.30-.40 mils	.50 mils
30 ips	1.5	1.25	1.0
15 ips	4.0	3.5	3.0
7 1/2 ips	6.5	5.0	4.0

SM911	.25 mils	.30-.40 mils	.50 mils
30 ips	1.5	1.25	1.0
15 ips	3.0	2.5	2.0
7 1/2 ips	6.0	5.0	4.0

SM468	.25 mils	.30-.40 mils	.50 mils
30 ips	1.5	1.25	1.0
15 ips	4.0	3.5	3.0
7 1/2 ips	5.0	4.5	4.0