



PR-B1F Full Track R/P

0.240" SINGLE CHANNEL
PROFESSIONAL SERIES

PR-B1F – PROFESSIONAL SERIES

ELECTRICAL	MODEL NUMBER									
	PR-B1F 14R	PR-B1F 11R	PR-B1F 5N	PR-B1F 8R	PR-B1F 4R	PR-B1F 9K	PR-B1F 6N	PR-B1F 7K	PR-B1F 2K	
Head Function (Typical)	Record Only	Record Only	Record/Playback	Record Only	Record Only	Playback	Record/Playback	Playback	Playback	
Inductance - 1 kHz - millihenrys	2	4	5.5	10	50	10	200	400	650	
Impedance - 1 kHz - ohms	13	27	32	65	320	70	1,300	2,500	4,200	
Resistance, D.C., ohms	2.4	3.35	5	10	60	15	85	195	395	
Gap Length, microinches	500	500	200	500	500	100	200	100	100	
Average 15.0 IPS constant current record/playback characteristics using 3M 201 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation.										
Peak Bias Current, 100 kHz, ma	14	9.3	12	4.8	.98	—	3.6	—	—	
Bias Voltage, RMS, 100 kHz, volts	13	27	22	23	45	—	125	—	—	
Record Current, microamps	920	565	700	360	160	—	110	—	—	
1 kHz Output, millivolts	—	—	.7	—	—	.58	3.3	3.7	4.3	
10 kHz/1 kHz Ratio, dB	—	—	+10	—	—	+9	+10	+10	+10	
Average 7.5 IPS constant current record/playback characteristics using 3M 201 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation.										
Peak Bias Current, 100 kHz, ma	12	9	11	4.6	.93	—	3.3	—	—	
Bias Voltage, RMS, 100 kHz, volts	11	25	20	22	43	—	120	—	—	
Record Current, microamps	900	540	640	350	150	—	100	—	—	
1 kHz Output, millivolts	—	—	.5	—	—	.55	3.0	3.5	4.0	
10 kHz/1 kHz Ratio, dB	—	—	+3	—	—	+2	+1	+3	+3	

PHYSICAL CONFIGURATION

NOTE:
INCHES IN BLACK
MILLIMETERS IN COLOR

BASIC HEAD CONFIGURATION – NO MOUNT

