



P-W4J

Cassette R/P

.021" FOUR CHANNEL
PREMIUM SERIES

ELECTRICAL	MODEL NUMBER							
	P-W4J 2N	P-W4J 12N	P-W4J 11N	P-W4J 9F	P-W4J 8N	P-W4J 8K	P-W4J 8F	P-W4J 4F
Head Function (Typical)	Duplicating Record	Duplicating Record	Duplicating Record	Playback Only	Record Only	Record/Playback	Playback Only	Record/Playback
Inductance - 1 kHz, millihenrys	0.2	0.4	2	10	10	20	20	80
Impedance - 1 kHz, ohms	13	5	30	65	95	150	150	500
Resistance, D.C., Stereo, ohms	2.3	3.5	27	43	60	80	65	335
Gap Length, microinches	200	200	200	50	200	100	50	50
1 kHz Crosstalk Rejection, dB	60	60	67	60	58	57	57	60
Average 15 IPS constant current record/playback characteristics using 3M277 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation								
Peak Bias Current, 500 kHz, ma	17	15	5.2	—	1.3	—	—	—
Bias Voltage, RMS, 500 kHz, volts	2.6	5.0	14	—	23	—	—	—
Record Current, microamps	850	500	200	—	80	—	—	—
1 kHz Output, millivolts	—	—	—	—	—	—	—	—
10 kHz/ 1 kHz Ratio, dB	—	—	—	—	—	—	—	—
Average 1.875 IPS constant current record/playback characteristics using 3M277 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation								
Peak Bias Current, 100 kHz, ma	8	6.0	3.6	—	.85	.85	—	.8
Bias Voltage, RMS 100 kHz, volts	.5	1.0	1.1	—	3.3	6.5	—	21
Record Current, microamps	800	450	190	—	75	60	—	50
1 kHz Output, millivolts	—	—	—	.056	—	.1	0.09	0.14
10 kHz/1 kHz Ratio, dB	—	—	—	-13	—	-16	-14	-14

PHYSICAL CONFIGURATIONS

NOTE:
INCHES IN BLACK
MILLIMETERS IN COLOR

BASIC HEAD CONFIGURATION – NO MOUNT

