

Magnetic Head Specifications

PROFESSIONAL HEADS (Continued)		RCD MODEL NO. NO MOUNTS (*Heads have mounts)	Outline Drawing & Case Style	OEM NORTRONICS Head No. (*Rear Mount Head No.)	Head Function	Application Notes	Inductance, 1kHz (mH)	Impedance, 1 kHz (ohms)	Resistance, DC (ohms)	Gap Spacer	Crosstalk Rejection (db)	7.5 IPS unequaled R/P response using 3M206 tape pk biased at 1 kHz, 12 dB below tape saturation.				NRZ digital write/read data, 7.5 IPS, 200 BPI			
												Peak Bias 1 100 kHz rms (mA)	Peak Bias V. 100 kHz rms (V)	Audio Record Current rms (µA)	1 kHz Play Output rms (mV)	10 kHz / 1 kHz Output Ratio (dB)	Write Current (P-P mA)	Read Output 200 BPI (P-P mV)	Max. Read Pack. Dens. (BPI)
"PRO" Series Full Track Mono (continued)	9111	31B	PRB1F6N		RP	2	200	1300	85	200	-	-	-	-	-	5	75	800	
	9112	31B	PR-B1F3R		R	3	30	190	19	500	-	2.7	42	220	-	8	40	400	
	9113	31B	PR-B1F14R		R	4	2	12	2.2	500	-	12.0	10	900	-	26	12	400	
	9118	31B	PR-B1F5F		P	6	5	25	8.6	50	-	-	-	-	0.3	+1	-	-	
	9119	31B	PR-B1F7K		P	1	400	2500	195	100	-	-	-	-	4.7	+3	-	60	800
"PRO" Series 2-Track Stereo Format .082-inch (2.1-mm) Track Width .156-inch (3.95-mm) Track Spacing PRO Series play heads have low frequency response down to 25 Hz at 15 ips tape speed	9202	22B	PR-B2H12K		P	1	660	4100	395	100	50	-	-	-	3.5	+3	-	75	800
	9203	22B	PR-B2H8R		R	4	10	70	22	500	50	3.0	15	250	-	-	10	12	400
	9204	22B	PR-B2H11R		R	4	4.5	30	15	500	50	4.5	10	350	-	-	16	8	400
	9205	22B	PR-B2H4R		R	3	50	330	95	500	50	0.9	35	130	-	-	4.5	26	400
	9206	22B	PR-B2H9K		RP	5	10	65	15	100	50	7.0	22	400	0.4	0	25	12	1600
	9207	22B	PR-B2H6K		RP	2	200	1300	195	100	50	1.0	90	100	2.0	+2	3	36	1600
	9209	22B	PR-B2H5L		RP	5	5	26	4.2	160	50	7.5	12	600	0.3	0	22	4.5	800
	9210	22B	PR-B2H8K		RP	5	20	130	20	100	50	5.0	30	330	0.5	+1	10	12	1600
	9211	22B	PR-B2H4K		RP	2	100	640	95	100	50	1.5	75	150	1.3	+2	4.5	26	1600
	9213	22B	PR-B2H7K		P	1	400	2700	200	100	50	-	-	-	3.0	+2	2.5	50	1600
	9214	22B	PR-B2H14R		R	4	2	16	10	500	50	12.0	13	800	-	-	22	5	400

STUDIO HEADS RECORD, PLAYBACK AND RECORD/PLAY Professional quality heads with Hyperbolic All-metal Faces, Deposited Quartz Gaps, and Laminated Cores. For detailed dimensions and mounting information, contact JRF.	½-INCH, 1-INCH 2-INCH TAPE		NORTRONICS RCD MODEL NO.	NORTRONICS OEM MODEL NO.	Head Function	Application Notes	Inductance, 1kHz (mH)	Impedance, 1 kHz (ohms)	Resistance, DC (ohms)	Gap Spacer	Crosstalk Rejection 1 kHz (db)	Average 15 ips Constant Current R/P characteristics using 3M206 tape pk biased at 1 kHz and recorded at 12 dB below tape saturation.				
	Peak Bias Current (mA)	Bias Volts RMS 100 kHz (V)										Record Current (µA)	Output RMS 1 kHz (mV)	10 kHz / 1 kHz Output Ratio (dB)		
1/2-inch Tape, 3-Channel Format .100-inch (2.54-mm) Track Width, .185-inch (4.72-mm) Center-to-Center Track Spacing	9360	STP3S9-E13	P	44	600	5000	510	200	50	50	-	-	-	3.5	+6	
	9361	STR-3S5-E12	R	44	4	30	8	500	50	50	9	9	400	-	-	
1/2-inch Tape, 4-Channel Format .070-inch (1.78-mm) Track Width .130-inch (3.30-mm) Center-to-Center Track Spacing	9460	STP-4B8-E3	P	44	650	4200	650	200	50	50	-	-	-	3.7	+6	
	9461	STR-4BN7-E23	R	44	4	30	14	500	50	6	9	375	-	-		
	9464	STP-4BB-F53	P	45	650	4200	650	200	50	50	-	-	-	3.7	+6	
	9465	STR-4BN7-F64	R	45	4	30	14	500	50	6	9	375	-	-		
	9469	STR-4BN31-E99	R/P	44	4	30	10	200	50	7	10	430	0.2	+6		
	9474	STP-4B31-F93	R/P	45	4	30	10	200	50	7	10	430	0.2	+6		
	9476	STP-4B32-E100	P	44	100	650	150	100	50	50	-	-	-	1.3	+7	
1-inch Tape, 8-Channel Track Format .070-inch (1.78-mm) Track Width .130-inch (3.30-mm) Center-to-Center Track Spacing	9477	STP-4B46-N148	R/P	46	2	15	8	200	50	10	7	630	0.15	+6		
	9880	STP-8B8-E33	P	44	650	4200	650	200	50	50	-	-	-	3.7	+6	
	9881	STR-8BN7-E5D	R	44	4	30	14	500	50	6	9	375	-	-		
	9882	STR-8BN34-E112	R	44	4	30	10	200	50	7	10	430	-	-		
	9885	STR-8BN53-G123	R/P	47	4	30	13	300	50	6	12	570	-	-		
	9886	STP-8B51-G124	P	47	5	35	12	200	50	50	-	-	-	.55	+6	
	9887	9888 + 9892	R/P/E	48	-	-	-	-	-	-	See 9888 and 9892					
	9888	STRP-8BN11-N	R	49	3	20	35	300	50	50	9	9	-	-	-	
	9889	STP-8B35-E113	P	44	100	-	-	-	-	-	-	-	-	-	-	
	2-inch Tape, 16-Channel Track Format .070-inch (1.78-mm) Track Width .127-inch (3.24-mm) Center-to-Center Track Spacing	9920	STR-16BN59-N143	R	46	7	65	52	500	50	5	14	460	-	-	
9921		STP-16BN60-N144	P	46	70	500	100	100	50	50	-	-	-	1.8	+7	
1-inch Tape, 12-Channel Track Format .038-inch (.97-mm) Track Width .084-inch (2.14-mm) Center-to-Center Track Spacing	9980	STP-12UN21-E30	P	44	650	4000	720	200	50	50	-	-	-	2.0	-	
	9981	STR-12UN20-E24	R	44	6	40	35	500	50	6	10	300	-	-		
2-inch Tape, 24-Channel Track Format .038-inch (.97-mm) Track Width .084-inch (2.14-mm) Center-to-Center Track Spacing	9983	STR-24UN54-G130	R/P	47	4	30	15	300	50	6.5	10	380	0.4	+6		
	9984	STP-24UN52-G131	P	47	5	35	15	200	50	-	-	-	0.4	+2		
	9988	STR-24UN61-N145	R	46	7	50	26	400	50	5	12	440	-	-		
	9989	STP-24UN62-N146	P	46	70	500	115	100	50	50	-	-	-	1.2	+7	
2-inch Tape, 16-Channel Track Format .070-inch (1.78-mm) Track Width .127-inch (3.24-mm) Center-to-Center Track Spacing	9990	STP-16B8-E27	P	44	650	4200	650	200	50	50	-	-	-	3.7	+6	
	9992	STR-16BN7-E09	R	44	4	30	14	500	50	6	9	375	-	-		
	9993	STR-16BN53-G127	R/P	47	4	30	10	200	50	7	10	430	-	-		
	9994	STP-16B51-G128	P	47	5	35	12	200	50	50	-	-	-	.55	+6	
	9995	STRP-16BN11-N	R	49	3	20	35	300	50	50	9	9	500	-	-	
	9995	STRP-16BN11-N	P	49	50	350	275	300	50	50	-	-	-	1.3	+5	
	9996	9995 + 9999	R/P/E	48	-	-	-	-	-	-	See data for 9995 and 9999 R/P and Erase Heads					