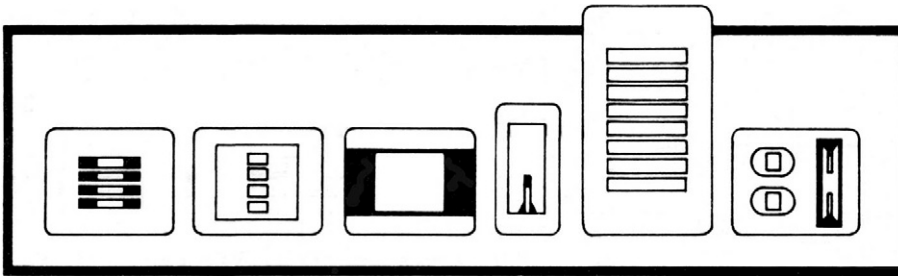




We make things read/write

Nortronics Magnetic Head Specifications



These specifications cover a partial line of NORTRONICS audio, duplicator, and studio replacement heads, listed in numerical order by their part number. Included are heads for use on the .150-inch cassette tape, 1/4-inch, 1/2-inch, 1-inch, and 2-inch tapes.

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DURACORE - Nortronics pioneered this long-wearing core material which gives up to ten times the life of conventional permalloy. Unfortunately, Nortronics is no longer manufacturing, however some of the heads listed in this section are still available with Duracore material.

RECORD/ PLAYBACK RECORD	MAGNETIC HEADS 1/4-INCH TAPE		RCD MODEL NO., NO MOUNT	Outline Drawing & Case Size	Rear Mount NORTRONICS Head Model No.	Rear Mount Drawing No.	OEM NORTRONICS Head No. (*Rear Mount Head No.)	Head Function	Application Notes	Inductance, 1kHz (ohms)	Impedance, 1 kHz (ohms)	Resistance, DC (ohms)	Gap Spacer	Crosstalk Rejection, 1 kHz	7.5 IPS unequalized R/P response using 3M176 tape, pk biased at 1 kHz, 12 dB below tape saturation				NRZ digital read/write data, 7.5 IPS, 200 BPI		
	Peak Bias 1 100 kHz rms	Peak Bias V. 100 kHz rms													Audio Record Current rms	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)	
PREMIUM 4-track Stereo Heads B case, laminated cores, hyperbolic faces. .043-inch (1.1-mm) tracks (2) .136-inch (3.45-mm) center-to-center track spacing.	1200	1B	1250	58	P-B2Q2K	RP	1	800	5000	750	100	50	0.2	75	25	2.5	+4	-	52	1600	
	1201	1B	1251	58	P-B2Q7K	RP	2	400	2600	400	100	50	0.3	67	30	1.6	+4	1.6	36	1600	
	1202	1B	1252	58	P-B2Q4K	R	2	100	700	100	100	50	0.7	30	65	.85	+3	3.1	24	1600	
	1203	1B	1253	58	P-B2Q4R	R	3	50	350	100	500	50	0.7	28	60	-	-	2.7	18	400	
	1204	1B	-	-	See #8614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1205	1B	1255	58	P-B2Q7R	R	3	230	1300	410	500	50	0.3	33	30	-	-	1.7	36	400	
	1207	1B	1257	58	P-B2Q6K	RP	2	200	1300	215	100	50	0.4	35	40	1.3	+3	2.2	26	1600	
	1210	1B	-	-	P-B2Q8R	R	4	10	70	32	500	50	2.0	7.5	130	-	-	6.2	9	400	
	1221	1B	1271	58	P-B2Q7F	P	6	500	3500	315	50	50	-	-	-	1.3	+4	-	-	-	
	1222	1B	-	-	P-B2Q8F	P	5	20	130	24	50	50	-	-	-	0.3	+1	6.2	8	1600	
	PREMIUM 2 track Stereo Heads B case, laminated cores, hyperbolic faces. .080-inch (2.0-mm) tracks (2) .160-inch (4.0-mm) center-to-center track spacing.	2000	20B	2050	58	P-B2H2K	P	1	800	5000	700	100	50	-	-	-	3.0	+5	1.3	72	1600
		2001	20B	2051	58	P-B2H7K	RP	2	400	2500	440	100	50	0.35	65	40	2.6	+5	1.8	48	1600
2002		20B	2052	58	P-B2H4K	RP	2	100	700	120	100	50	0.7	35	70	1.3	+3	3.6	24	1600	
2003		20B	2053	58	P-B2H4R	R	3	50	340	120	500	50	0.65	20	80	-	-	3.4	24	400	
2004		20B	-	-	P-B2H11R	R	4	1.5	10	4	500	50	6.0	4.5	470	-	-	20.0	6	400	
2005		20B	2055	58	P-B2H7R	R	3	200	1300	410	500	50	0.4	40	40	-	-	1.8	48	400	
2007		20B	2057	58	P-B2H6K	RP	2	200	1400	230	100	50	0.65	52	60	1.8	+4	2.7	36	1600	
2010		20B	2060	58	P-B2H8R	R	4	10	75	30	500	50	2.0	10	170	-	-	9.0	12	400	
2021		20B	-	-	P-B2H7F	P	6	400	2500	400	50	50	-	-	-	2.5	+5	-	-	-	
2056†		-	2056	58	P-B2H7K-R6*	RP	8	400	2500	410	100	50	0.4	65	40	2.6	+4	-	-	-	
STANDARD 2 track Mono Heads G case, laminated cores, hyperbolic faces. .080-inch (2.0-mm) single track. Located 0.20-inch (0.5-mm) below center on head face.	3100	19G	-	-	G1HY2K	RP	9	800	5000	390	100	-	0.4	100	30	3.4	-3	1.3	70	1600	
	3101	19G	-	-	G1HY5L	RP	9	440	2800	340	160	-	0.5	60	40	3.0	-3	1.5	55	800	
PREMIUM 2 track Mono Heads G case, laminated cores, hyperbolic faces. .080-inch (2.0-mm) single track. Located .080 (2.0- mm) off center on head face. (Full offset, so head may be inverted to pickup other track.)	3200	18G	3250	58	P-G1H2K	P	1	800	5000	390	100	-	0.3	90	30	3.6	+5	1.3	72	1600	
	3201	18G	3251	58	P-G1H7K	RP	2	400	2500	160	100	-	0.3	70	40	2.6	+5	1.8	48	1600	
	3202	18G	3252	58	P-G1H4K	RP	2	100	700	70	100	-	0.7	35	70	1.3	+4	3.6	24	1600	
	3203	18G	3253	58	P-G1H4R	R	R	50	320	70	500	-	0.9	25	75	-	-	3.4	24	400	
	3205	18G	3255	58	P-G1H7R	R	R	200	1300	150	500	-	0.4	40	40	-	-	1.8	48	400	
Special Miniature single channel heads. "Special L" are laminated. "M" solid core.	4950†	46 L	4950	46 L	L24R8L5-R*	RP	10	40	280	130	0.16	-	0.4	10	50	0.5	+2	2.2	8	800	
	4951†	46 L	-	-	AL42R1L3-B4	P	11	425	2800	600	0.16	-	-	-	-	1.2	+3	-	-	-	
	4952†	46 L	4952	46 L	L42R8L-R*	RP	12	80	520	135	0.16	-	0.5	20	55	0.9	+3	3.1	18	800	
	4953†	49M	-	-	M90E3U4-R*	E	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4954†	49M	4954	49M	M70R4L4-R*	RP	14	20	150	80	0.16	-	0.3	20	125	0.7	0	15.0	12	800	
	4955†	50M	-	-	M70R5L6-B	RP	14	200	1500	700	0.16	-	1.0	50	40	2.1	+2	5.0	40	800	
	4956†	50M	-	-	L42R5K55-B	RP	15	220	1500	250	0.1	-	0.4	35	35	1.0	+3	2.0	25	1600	

Magnetic Head Specifications

RECORD/PLAY PLAYBACK RECORD	CASSETTE HEADS .150-INCH (3.81-mm) TAPE		RCD MODEL NO., "A" MOUNT	Outline Drawing & Case Style	OEM NORTRONICS Head No.	Head Function	Application Notes	Inductance, 1kHz (mH)	Impedance, 1 kHz (ohms)	Resistance, DC (ohms)	Gap Spacer	Crosstalk Rejection (db)	1 7/8 IPS unequalized R/P Resp. with TP-18 tape, pk biased at 1 kHz, 12dB below tape saturation.						NRZ digital write/read data, 7.5 IPS 200 BPI		
	15 IPS dupl. data with 500 kHz bias. 8 & 80 kHz.												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)	Max. Read Pack. Dens. (BPI)	
CASSETTE 2 track Mono Heads .057-inch (1.45-mm) single track. Located .046-in. (1.17-mm) below center of head face.	5130	37W	W1R6F-A	RP	2	200	1500	175	50	50	-	-	1.5	30	40	0.5	-12	1	9	1600	
	5131	37W	W1R8N-A	R	4	10	75	35	200	-	-	-	0.8	7	140	-	-	7	3	6	800
	5132	37W	W1R4F-A	RP	2	80	600	110	50	-	-	-	0.6	30	50	0.3	-12	3	6	1600	
	5133	37W	W1R5F-A	RP	2	50	300	80	50	-	-	-	0.8	15	70	0.2	-12	4	4	1600	
	5134	37W	W1R8F-A	RP	4	20	135	45	50	-	-	-	1.4	10	110	0.14	-12	5	3	1600	
	5140A	37W	(ALPS) HN214844	RP	2	180	1200	185	80	-	-	-	0.5	30	30	0.7	-14	1	9	800	
CASSETTE PREMIUM Full Track - Single .130" (3.3-mm) Track	5150	45W	DC11F111N-63A	R	4	10	70	15	200	-	-	-	2.5	8	160	-	-	10	10	800	
CASSETTE PREMIUM Full Track - Single .170" (4.3-mm) Track	5151	45W	DC11K121K-A	R	4	3	20	10	100	-	-	-	3.2	5	500	-	-	22	5	1600	
CASSETTE Mono RAW head. (Dual Gap) .057" (1.45-mm) Single Track	5160	43W	DC12P060KZ A	R	16	10	70	25	100	-	-	-	1.5	6	140	-	-	33	-	1600	
CASSETTE STANDARD 2-track 2-channel Heads. .057-inch (1.45 mm) Track Width. .092-inch (2.34-mm) Center-to-Center Track Spacing.	5200	39W	W2P6F-A	RP	2	200	1400	215	50	50	50	50	0.3	30	30	0.5	-10	1	9	1600	
	5201	39W	W2P8N-A	P	4	10	80	40	200	50	1.7	25	110	-	-	-	-	7	3.6	800	
	5202	39W	W2P8K-A	RP	5	20	140	45	100	50	1.0	9	100	0.2	-17	7	-	7	3.6	1600	
	5203	39W	W2P6N-A	R	3	100	700	215	200	50	0.3	20	35	-	-	-	-	2	13	800	
	5205	39W	W2P8F-A	P	5	20	135	45	50	50	-	-	-	0.7	-12	5	3	3	1600		
	5206	39W	W2P4F-A	RP	2	80	600	115	50	50	0.5	20	50	0.4	-12	3	6	6	1600		
	5207	39W	W2P5F-A	RP	2	50	330	80	50	50	0.9	16	70	0.3	-12	4	4	4	1600		
	5220	39W	P-W2P11N-A	R	4	2	15	9	200	50	2.3	15	300	-	-	-	-	14	4	800	
	5221	39W	PW2P11F-A	RP	5	2	20	13	50	50	3.5	17	350	0.4	-12	16	3	3	1600		
	5222	39W	P-W2P8F-A	P	5	20	135	45	50	50	-	-	-	1.2	-12	5	3	3	1600		
CASSETTE PREMIUM 2 track 2-channel Heads. 2-mil core laminations for maximum efficiency at high bias and audio frequencies. .057-inch (1.45-mm) Track Width .092-inch (2.34-mm) Center-to-Center Track Spacing.	5223	39W	P-W2P8F-61NO	R	17	20	135	45	50	50	-	-	-	1.2	-12	5	3	3	1600		
	5225	39W	P-W2P2N-A	R	4	.15	1	1	200	50	12	4.3	1200	-	-	-	-	60	1	800	
	5230A	38W	(ALPS) HN424401 W2J4F-A	RP	18	140	850	150	50	30	30	45	18	30	.25	-10	3	2.5	1600		
CASSETTE Read After Write Heads Two-channel Dual-gap heads for digital write/read or audio record and monitor. .057-inch (1.45-mm) Write Track (2) .036-inch (0.9-mm) Read Track (2) .092-inch (2.34-mm) C-C Track Spacing	5260	42W	DC22P060K2A	R	19	10	70	25	100	-	-	-	1.5	6	140	-	-	33	-	1600	
5261	42W	DC22P084KF2-A	R	19	14	100	28	100	40	5.0	1.2	110	0.3	-12	-	-	30	-	1600		
CASSETTE 4 CHANNEL HEADS Capable of recording and playing all four channels of the standard cassette stereo format. Heads have all metal faces, precise track alignment, and unusually low crosstalk. .021 inch (0.53-mm) Track Width (4) 5-mil laminations (Std. P types) 2-mil laminations (Prem. P2 types) for lower losses at very high bias frequencies.	5410	51W	P-W4J4F-A	RP	2	80	550	170	50	55	0.5	14	40	0.2	-12	3	4	4	1600		
	5411	51W	P-W4J8N-A	R	4	10	85	60	200	55	1.5	24	120	-	-	-	9	2	800		
	5412	51W	P-W4J11N-A	R	4	2	30	27	200	55	7	12	250	-	-	-	16	1	800		
	5413	51W	P-W4J8F-A	P	5	20	150	65	50	55	-	-	-	.6	-12	6	2	2	1600		
	5416	51W	P-W4J4F-61N	RP	17	80	550	170	50	55	0.5	14	40	0.2	-12	3	4	4	1600		
	5417	51W	P2-W4J11N-A	R	4	2	30	27	200	55	3.3	11	270	-	-	-	16	1	800		

RECORD/PLAY PLAYBACK RECORD	MAGNETIC HEADS 1/4 INCH TAPE		RCD MODEL NO., (Heads have mounts)	Outline Drawing & Case Style	Rear Mount NORTRONICS Head Model No.	Rear Mount Drawing No.	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 unequalized R/P response using 3M176 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)	Max. Read Pack. Dens. (BPI)		
4-Track 4-Channel Heads for 1/4-inch tape. PREMIUM P-BQQ models have superior crosstalk rejection, as do the B4Q models. BQQ: .037-inch (.95-mm) Track Width .071-inch (1.8-mm) C-C Track Spacing B4Q: .042-inch (1.07-mm) Track Width .067-inch (1.7-mm) C-C Track Spacing	5601	12B	5651	58	PBQQ4R	R	3	50	380	220	500	55	0.6	17	65	-	-	2.7	14	400		
	5602	12B	5652	58	P-BQQ4K	RP	2	100	650	245	100	55	0.6	30	60	0.7	+4	2.7	14	1600		
	5603	12B	5653	58	P-BQQ7K	RP	2	400	2600	760	100	55	-	-	-	1.5	+4	1.5	28	1600		
	5604	12B	5654	58	PBQQ23R	R	4	12	100	55	500	50	1.4	8.5	110	-	-	5	7	400		
	5605	12B	5655	58	P-BQQ5K	RP	5	4	24	35	100	55	4	5	150	.15	+2	11	3	1600		
	5606	12B	5656	58	BQQ9K	RP	5	10	75	40	100	50	2.3	8.5	170	0.3	+2	7	4	1600		
	5607	12B	-	-	PBQQ10R	R	4	4	42	32	500	50	2.6	5	230	-	-	9	4	400		
	5609†	12B	-	-	BQQ4LB10	RP	2	85	550	230	160	35	0.6	23	60	0.8	+4	2.7	14	1600		
	5610	12B	-	-	BQQ4K-N	RP	2	100	670	230	100	40	0.5	32	60	0.7	+4	2.7	14	1600		
	5611†	12B	-	-	BQQ4R B	R	3	50	320	230	500	40	0.7	22	60	-	-	2.7	14	400		
	5612†	12B	-	-	BQQ4LB	RP	2	85	550	230	160	35	0.6	23	60	0.8	+4	2.7	14	800		
	5613	12B	-	-	BQQ4R-N	R	3	50	320	230	500	40	0.7	22	60	-	-	2.7	14	400		
	5614	12B	-	-	BQQ4L-N	RP	2	85	550	230	160	35	0.6	23	60	0.8	+4	2.7	14	800		
	5630	13B	-	-	B4Q4N	RP	2	100	700	195	100	50	0.7	35	65	0.7	+4	2.7	14	1600		
	PREMIUM 3 Channel Heads for 1/4 inch tape. Hyperbolic metal-face record and play heads with three channels. Popularly used on the NAB-type stereo cartridge tape machines. .043-inch (1.1-mm) Track Width (3) .100-inch (2.54-mm) C-C Track Spacing	5701	11B	5751	58	PB3Q7K	RP	2	350	2200	780	100	50	-	-	-	1.5	+4	1.6	36	1600	
		5702	11B	5752	58	PB3Q4K	RP	2	100	650	260	100	50	0.7	30	60	0.9	+4	2.7	18	1600	
		5703	11B	5753	58	P-B3Q4R	R	3	50	410	260	500	50	0.7	17	60	-	-	2.7	18	400	
		5704	11B	5754	58	PB3Q7K-R6-4U†	RP	2	350	2200	780	100	50	-	-	-	1.5	+4	1.6	36	1600	
		5707	11B	5757	58	PB3Q6K	RP	2	200	1400	490	100	50	0.5	40	45	1.2	+4	2.3	26	1600	
	5710	11B	-	-	PB3Q8R	R	4	10	80	47	500	50	1.5	7	130	-	-	8	9	400		

Magnetic Head Specifications

RECORD/PLAY PLAYBACK RECORD	MAGNETIC HEADS 1/4-INCH TAPE (continued)										3.75 IPS unequalized R/P response using 3M176 tape, pk biased at 1 kHz, 12 dB below tape saturation						NRZ digital write/read data, 7.5 IPS, 200 BPI			
	RCD MODEL NO., NO MOUNTS (*Heads have mounts)	Outline Drawing & Case Style	Rear Mount NORTRONICS Head Model No.	Rear Mount Drawing No.	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)	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)	Max. Read Pack. Dens. (BPI)
8 TRACK STEREO Heads for 1/4-inch Tape Standard Models: 0.18-inch (.46-mm) Track Width (2) .127-inch (.323 mm) C-C Track Spacing	5800	35B	5850	58	B2L7K	RP	2	430	3000	730	100	50	0.3	35	16	.8	-.9	1.2	18	1600
	5801	35BX	-	-	H899019	P	20	430	3000	800	100	50	0.3	35	16	.8	-.9	1.2	18	1600
PREMIUM 8 TRACK Stereo heads with fine laminations for improved H.F. performance .021-inch (.53-mm) Track Width (2) .127-inch (3.23 mm) C-C Track Spacing	5810	358	-	-	P-B2L8R	R	4	10	70	35	500	50	1.3	5.5	90	-	-	4.0	6	400
	5811	35B	-	-	P-B2L7K	RP	2	450	3000	650	100	50	0.2	50	20	.8	-.7	1.2	18	1600
	5813	35B	-	-	P-B2L4R	R	3	50	355	165	500	50	0.45	10	40	-	-	1.8	10	400
4-CHANNEL 8-TRACK Heads for 1/4-inch tape Two staggered heads may be used to generate all 8 tracks on the tape. .021-inch (0.53-mm) Track Width (4) .0635-inch (1.62-mm) C-C Track Spacing	5832	36B	-	-	P-BQL6K	RP	2	200	1350	480	100	35	-	-	-	0.6	-.9	1.6	14	1600
	5833	36B	-	-	P-BQL4K	RP	2	100	690	270	100	35	.55	25	45	0.4	-.9	2.3	10	1600
	5834	36B	-	-	P-BQL4R	R	3	50	390	225	500	35	.75	30	60	-	-	2.3	10	400
	5835	36B	-	-	P-BQL8R	R	4	10	90	60	500	35	2	8.5	140	-	-	4.0	6	400
	5836	36B	-	-	P-BQL14R	R	4	2	20	15	500	35	3	3	300	-	-	8	4	400
	5837	36B	-	-	P-BQL7K	P	2	330	2300	760	100	35	-	-	-	-.75	-.9	1.2	18	1600
	5840	36B	-	-	PC-BQL8K	P	5	20	150	45	0.1	50	-	-	-	.15	-.7	4	6	400
PREMIUM 4-CHANNEL 8-TRACK Heads for 1/4-inch tape Two heads may be used for all 8 tracks, incorporate better interchannel shielding for improved crosstalk rejection in duplicator applications. .021-inch (0.53-mm) Track Width (4) .0635-mch (1.62-mm) C-C Track Spacing	5841	36B	-	-	PC-BQL8R	R	4	10	70	30	0.5	50	1.6	8	130	-	-	4	6	400
	5842	36B	-	-	PC-BQL6K	RP	2	200	1300	290	0.1	50	.55	35	35	.45	-.7	1.6	14	1600
	5843	36B	-	-	PC-BQL14R	R	4	2	15	10	0.5	50	3.8	3.8	320	-	-	8	4	400
	5844	36B	-	-	PC-BQL4K	RP	2	100	700	130	0.1	50	.75	25	50	0.3	-.7	2.3	10	1600
	5845	36B	-	-	PC-BQL8R-B35	R	23	10	70	30	0.5	50	1.6	8	130	-	-	4	6	400
	5846	36B	-	-	PC-BQL8R-B36	R	24	10	70	30	0.5	50	1.6	8	130	-	-	4	6	400
	5847	36B	-	-	PC-BQL8K-B35	P	23	20	150	45	0.1	50	-	-	-	.15	-.7	4	6	1600
	5848	36B	-	-	PC-BQL8K-B36	P	24	20	150	45	0.1	50	-	-	-	.15	-.7	4	6	1600

"COMBO" HEADS	ERASE - RECORD/PLAY														ERASE						
	RCD MODEL NO., NO MOUNTS (*Heads have mounts)	Outline Drawing & Case Style	Rear Mount NORTRONICS Head Model No.	Rear Mount Drawing No.	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)	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)	Inductance Erase 1 kHz (mH)	Resistance Erase DC (ohms)	Current rms (mA)	Volts rms 100 kHz (V)
PREMIUM 4 Track Stereo "Combo" Erase-Record/Play Heads Use where it is difficult or impossible to install separate erase and R/P Heads. For example, the equivalent of a three-head recorder can be achieved by use of the 6004 Combo record, and the 201 playback head. .043-inch (1.1-mm) Track Width (2) .136-inch (3.45-mm) C-C Track Spacing	6002	5B	-	-	P-A2Q47K	ERP	25	400	2600	400	100	50	0.3	67	30	1.6	+4	10	32	12	60
	6003	5B	-	-	A2Q22K	ERP	25	800	5000	750	100	50	0.2	75	25	2.5	+4	.13	1.8	100	5
	6004	5B	-	-	P-A2Q44R	ER	25	50	350	100	500	50	0.7	28	60	-	-	10	32	12	60
	6005	5B	-	-	P-A2Q46K	ERP	25	200	1300	215	100	50	0.4	35	40	1.3	+3	10	32	12	60
	6006	5B	-	-	P-A2Q48R	ER	25	10	70	32	500	50	2	7.5	130	-	-	10	32	12	60
	6007	5B	-	-	P-A2Q48K	ERP	25	20	130	32	100	50	2.2	11	140	.3	+3	10	32	12	60
	6008	5B	-	-	P-A2Q125L	ERP	25	25	160	40	160	50	1.2	13	90	.5	+3	8.5	28	14	55
6009	5B	-	-	A2Q42N2	ERP	25	500	3300	770	200	50	0.2	45	20	2.5	0	10	32	12	60	
4-Track Mono Single Track Combo .043-inch (3.45-mm) Track Width	6026	6B	-	-	A1QC47K	ERP	25	400	2600	400	100	-	0.5	50	25	1.6	0	10	32	12	60
PREMIUM 2-Track Stereo COMBO Erase-Record/Play Head .080-inch (2.0-mm) Track Width (2) .160-inch (4.0-mm) C-C Track Spacing	6100	24B	-	-	P-A2H47K	ERP	25	400	2500	440	100	50	0.35	65	40	2.6	+5	10	27	22	70
	6101	24B	6151	58	P-A2H44R	ER	25	50	340	120	500	50	0.65	20	80	-	-	10	27	22	70
	(6152)†	24B	6152	58	P-A2H47K-R6*	ERP	8	400	2500	440	100	50	0.35	65	40	2.6	+5	10	27	22	70
	6103	24B	-	-	P-A2H44K	ERP	25	100	700	120	100	50	0.7	35	70	1.3	+3	10	27	22	70
6104	24B	-	-	P-A2H48R	ER	25	10	75	30	500	50	2.0	10	170	-	-	10	27	22	70	
2-Track Mono Combo Head .080-inch (2.0-mm) Track Width (1) Centered Track	6126	25B	-	58	P-A1HC44R	ER	25	50	320	70	500	-	0.9	25	75	-	-	10	27	22	70
	6127	25B	6177	58	A1HC47K-R6	ERP	8	400	2500	175	100	-	0.8	75	40	2.4	+1	10	27	22	70
	(6179)†	25B	6179	58	A1HC47R-R*	ER	25	180	1150	155	500	-	0.5	40	35	-	-	10	27	22	70
	6131	25B	-	-	A1HC15L2	ERP	25	390	2500	340	160	-	0.6	70	35	2.6	0	50	130	8	150
6183†	25B	6183	58	A1HC44R-R*	ER	25	50	350	70	500	-	1	20	80	-	-	10	27	22	70	
Mono Cassette Z-Combo E - RP .057-inch (1.45-mm) Track Width (1)	6200†	40W	-	-	ZW1R36F-A ¹	ERP	26	200	1300	280	50	-	- ¹	-	45	0.5	-12	2.2	36	30	25
2-Channel Cassette Z Combo E - RP .057-inch (1.45-mm) Track Width (1)	62011	41W	-	-	ZW2RK36F-A ¹	ERP	26	200	1300	280	50	45	- ¹	-	45	0.5	-12	2.2	36	30	25
Ext. tip Z-Combo Super-8 Film 0.021-inch (.53-mm) Track Width (1)	6302	48W	-	-	XZ-W1LC47K ¹	ERP	28	400	2600	600	100	-	- ¹	-	30	0.7	-15	10	75	18	60
Mono F-case Z-Combo, 1 inch Video .0135-inch (.34-mm) Track Width (1)	6303	-	-	-	H8001491VCZ	ERP	27	350	2400	705	100	-	- ¹	-	55	1.0	0	12	47	12	28
Ext. tip Z-Combo E-RP .021-inch (.53-mm) Track Width (1)	6304	52B	-	-	XZ-R1LC96K ²	ERP	28	200	1300	465	100	-	- ²	-	30	0.5	-12	8	80	20	60
8-Track Stereo Z-Combo 0.021-inch (.53-mm) Track Width (2)	6800	35B	-	-	Z-J2L4 7K ²	ERP	26	450	3000	620	100	45	- ²	-	25	0.7	-12	14	45	11	50

¹ Self-biased from erase section; 1.875 IPS, TP-18 Tape.
² Self-biased from erase section; 3.75 IPS, 3M-176 Tape.

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		1/2-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	-	-	-	3.5	+6			
	9361	STR-3S5-E12	R	44	4	30	8	500	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	.55	+6			
	9887	9888 + 9892	R/P/E	48	-	-	-	-	-	-	-	-	-	-			
	9888	STRP-8BN11-N	R	49	3	20	35	300	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	.55	+6			
	9995	STRP-16BN11-N	R	49	3	20	35	300	50	9	9	500	-	-			
	9995	STRP-16BN11-N	P	49	50	350	275	300	50	-	-	-	1.3	+5			
	9996	9995 + 9999	R/P/E	48	-	-	-	-	-	-	-	-	-	-			

See data for 9995 and 9999 R/P and Erase Heads

Magnetic Head Specifications

APPLICATION NOTES

■ ERASE HEADS	1/4-INCH TAPE, CASSETTE, AND SPECIALS	RCD MODEL NO. (NO MOUNT) (heads have mounts)	Outline Drawing & Case Size	RCD REAR MOUNT NORTRONICS MODEL NO.	Rear Mount Drawing No.	OEM NORTRONICS NO. (NO MOUNT)	Application Notes	Inductance, 1 kHz (mH)	Resistance, DC (ohms)	Nominal Operating Parameters				
										Erase Current RMS (mA)	Erase Voltage RMS 100 kHz (V)	Impedance, 100 kHz (ohms)	Erase rate from Sat. 400 Hz (dB)	DC Erase Current (mA)

Metal face, packaged in narrow SE and LE size metal cases (1/4-inch Tape)

Track Configuration	RCD Model	Case Size	Mounting	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE							
4-Track Stereo	1400	7SE	1450	58	SSEQ1-N6	54	80	240	4.5	200	45K	60	7	1400L	8LE	-	-	LSEQ1-N2	54/22	80	240	4.5	200	45K	60	7
	1401	7SE	1451	58	SSEQ4-N6	54	10	32	12	50	4200	60	18	1401L	8LE	-	-	LSEQ4-N2	54/22	10	32	12	50	4200	60	18
	1402	7SE	-	-	SSEQ2-N6	54	0.13	1.8	120	6	50	60	180	1407	7SE	-	-	SSEQ7-N6	54	30	65	7	90	13K	60	11
	1408	7SE	-	-	SSEQ8-N8	54	2	6	40	33	820	60	60	2200	27SE	2250	58	SSEH1-N6	54	50	130	7	150	22K	60	10
	2200L	28LE	-	-	LSEH1-N2	54/22	50	130	7	150	22K	60	10	2201	27SE	2251	58	SSEH4-N6	54	10	27	22	65	3000	60	30
2 Track Stereo	2201L	28LE	-	-	LSEH4N2	54/22	10	27	22	65	3000	60	30	3600	26SE	-	-	SMEH1-N6	54	50	130	7	150	22K	60	10
	3601	26SE	-	-	SMEH4-N6	54	10	27	22	65	3000	60	30	4400	34SE	-	-	SMEF1-N9	54	40	80	14	200	14K	60	20
Full Track Mono	4401	34SE	4451	58	SMEF4-N9	54	4	20	45	55	1200	60	70	4401L	55LE	-	-	LMEF4-N2	54/22	4	20	45	55	1200	60	70
	4404	34SE	-	-	SMEF2-N9	54	0.85	1.3	320	12	40	60	450	4408	34SE	-	-	SMEF8-B3	52/54	5	25	40	60	1500	60	60

MINIATURE Erase Head

Miniature "M" .090-inch	4953†	-	4953	49M	M90E3U4-R	13	16	315	12	90	7K	50	20
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CASSETTE Erase Heads with Ferrite Cores

CASSETTE 2-Track	RCD Model	Case Size	Mounting	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE								
1-inch Ferrite	5210	44	-	-	W2ER3-A	55	2	14	18	27	1.5K	60	25	5211	44	-	-	W2ER4-A	55	12	115	7	70	10K	60	10
	5212	44	-	-	W2ER5-A	55	1.0	10	27	18	670	60	40	5213	44	-	-	W2ER9-A	55	0.3	2.2	60	10	160	60	90
	5214	44	-	-	W2ER7-A	55	0.47	0.9	130	4	30	60	200	7721	57RX	-	-	H806036/REX101	42	1.0	8	150	100	670	60	230

Metal-face Erase Heads in B-size Cases

Full Track Mono	RCD Model	Case Size	Mounting	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE								
2-Track Stereo	8101	33B	-	-	B1EF1J-NO	54	40	80	14	200	14K	60	20	8102	33B	-	-	B1EF2J-NO	54	0.85	1.3	320	12	40	60	450
	8104	33B	-	-	B1EF4J-NO	54	4	20	45	55	1200	60	70	8110	33B	-	-	B1EF93N2	54/21	2.5	17	50	50	1000	60	75
	8301	29B	-	-	B2EH1-NO	54	50	130	7	150	22K	60	10	8302	29B	-	-	B2EH2-NO	54	0.2	1.7	100	8.5	85	60	150
4-Track Stereo "PRO" Ferrite/laminated Cores	8307	29B	-	-	B2EH4-3N2	54/21	10	27	22	65	3000	60	30	8640	10B	-	-	PR-B2EQ4-NO	53	3	28	17	30	1700	65	25
	8641	10B	-	-	PR-R2EQ14	53	0.2	4	65	8	120	65	100	8701	9B	-	-	B2EQ4-NO	54	10	32	12	50	4200	60	18
4-Track Stereo	8702	9B	-	-	B2EQ2-NO	54	0.13	1.8	120	6	50	60	180	8704	9B	-	-	B2EQ1-NO	54	80	240	4.5	200	45K	60	7
	8801	14B	-	-	PC-B4EQ2-NO	53	0.2	2.2	60	7	120	60	70	8802	14B	-	-	PC B4EQ22-NO	53	0.8	9	30	15	500	60	40
	8803	14B	-	-	PC-B4EQ8-NO	53	8	45	13	45	3500	60	20													

PROFESSIONAL Erase Heads with Ferrite/laminated cores, in B-size Cases

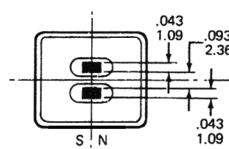
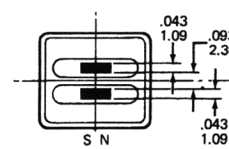
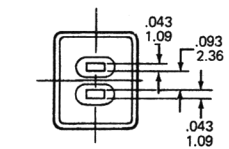
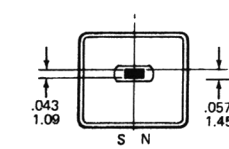
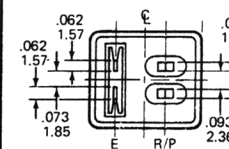
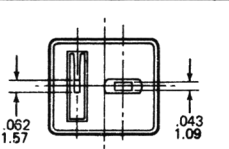
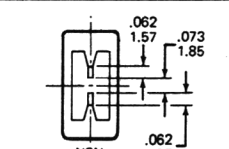
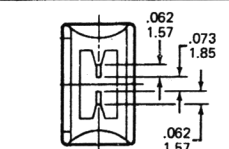
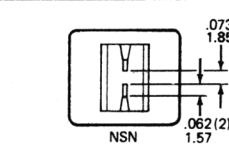
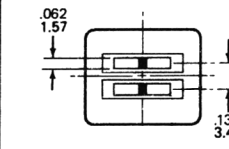
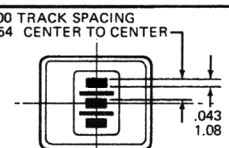
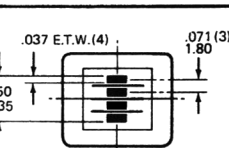
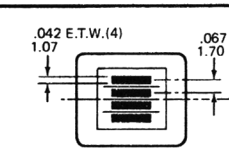
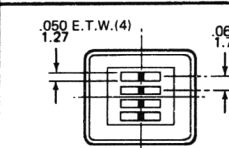
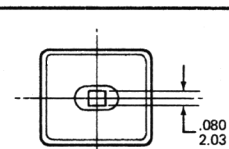
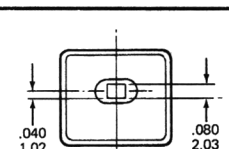
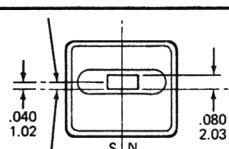
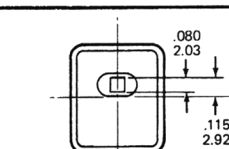
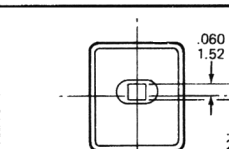
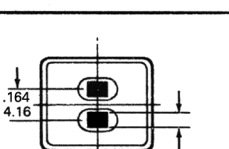
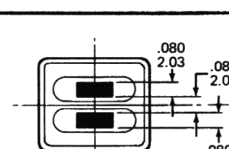
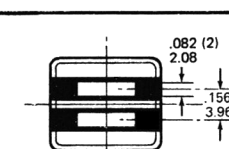
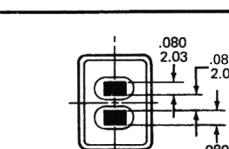
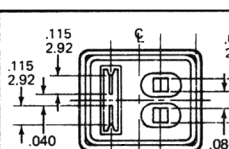
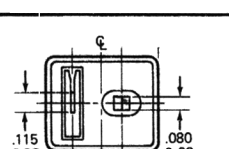
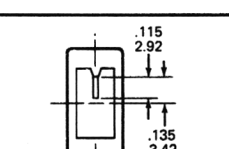
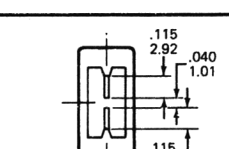
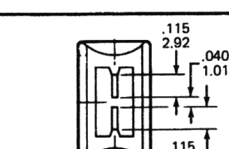
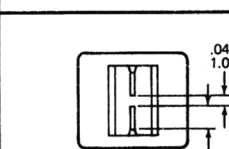
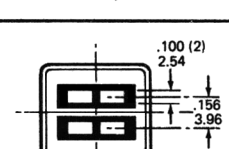
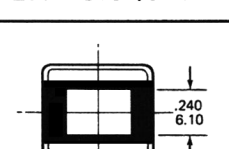
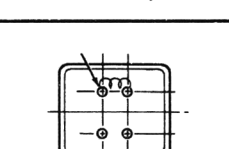
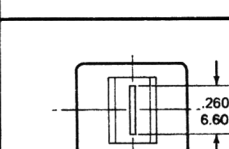
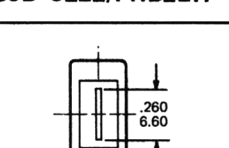
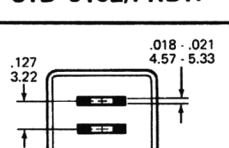
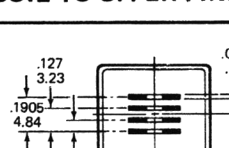
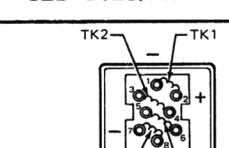
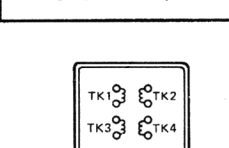
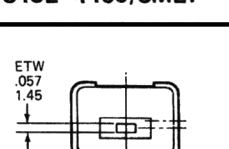
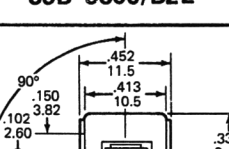
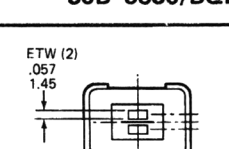
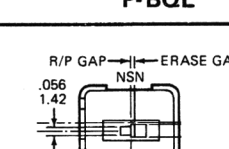
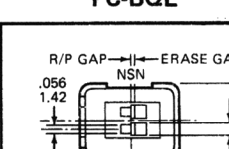





Full Track Mono "PRO" Ferrite/laminated Cores	RCD Model	Case Size	Mounting	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE	SE/LE								
2 Track Stereo "PRO" Ferrite/laminated Cores	9125	32B	-	-	PR-B1EF4	53	1.0	6	70	42	600	70	120	9126	32B	-	-	PR-B1EF9	53	2.0	26	50	60	1200	70	90
	9127	32B	-	-	PR-B1EF15	53	0.5	3	100	30	300	70	180	9128	32B	-	-	PR-R1EF17	53	0.12	0.7	200	14	70	70	350
	9222	30B	-	-	PR-B2EH5	53	2.0	23	35	50	1400	70	50	9223	30B	-	-	PR-R2EH14	53	0.2	3.7	115	16	140	70	200
	9226	30B	-	-	PR-B2EH4	53	50	35	24	80	3300	70	35	9227	30B	-	-	PR-B2EH15	53	0.5	6.5	75	25	333	70	110
9228	30B	-	-	PR-B2EH16	53	0.01	0.2	600	3.3	5.5	70	900														

■ STUDIO ERASE HEADS	1/2-INCH, 1-INCH AND 2-INCH TAPE	RCD MODEL NO.	OEM NORTRONICS MODEL NO.	Application Notes	Inductance 1 kHz (mH)	Resistance D.C.R. (ohms)	Erase Frequency (kHz)	Erase Voltage RMS (V)	Erase Current (mA)	Impedance at Erase Frequency (ohms)
1/2" Three Channel	1/2" Four Channel	9370	STE-3S4-E11	44/53	0.17	2.2	60	8	110	70
		9470	STE-4B6-E01	44/53	0.17	3	60	8	110	70
1" Eight Channel	1" Twelve Channel	9472	STE-4B6-F51	50/53	0.17	3	100	12	110	110
		9890	STE-8B6-E31	44/53	0.17	3	60	8	110	70
		9891	STE-8BN55-G122	47/53	1.3	17	120	60	67	900
2" Twenty-four Channel	2" Sixteen Channel	9892	STE-8BN6-N	46/53	0.17	3	60	8	110	70
		9986	STE-12U19-E28	44/53	0.17	4.5	60	6	95	65
		9985	STE-24UN58T-N135	51/53	0.6	7	150	50	100	500
2" Sixteen Channel	2" Sixteen Channel	9987	STE-24UN56-G147	47/53	1.2	13	120	55	70	800
		9996	STE-16BN6-E25	44/53	0.17	3	60	8	110	70
		9997	STE-16BN55-G125	47/53	1.3	17	120	60	67	900
9999	STE-16BN6-N	46/53	0.17	3	60	8	110	70		

- High impedance play-only head.
- Medium impedance play or record/play.
- Medium impedance record head.
- Low impedance record head for high speed duplicators or professional recorders.
- Low impedance play or R/P head for high speed duplicator master playback or for transformer-input play amplifier.
- Special fine-gap play head for 3.75 ips and lower tape speeds.
- Special dual-impedance R/P head for RCA RT7 cartridge machines.
- Special long-stud rear mount for TAPECASTER. (Will also fit other machines.)
- Center-track (Y-offset) heads to replace obsolete GMH solid-core heads.
- Miniature L-head with 24-mil projecting track. Typical use: on 30-mil magnetic oxide stripe of Super-8 film.
- Special relieved 42-mil track L-head for playback on RCA TP66 16-mm projector. Has Alfenol cores and no-thread base stud mount.
- Miniature M-size erase head, 90-mil relieved track, rear mount.
- Min. M-size RP head with 70-mil relieved track. Typically use on 16-mm film.
- Min. L-head with proj. track for use on 16-mm film or hard surfaces.
- Single-channel read-after-write head with #2 cylindrical face contour. Typical application on digital cassette recorder or audio record/monitor head.
- Special No-mount head with case hole and slot to fit TELEX duplicator mounts.
- ALPS stereo cassette R/P head.
- Two-channel dual-gap read-after-write head with #2 cylindrical face contour. For digital cassettes or audio record/monitor head.
- Special "BX" case size, .550W x .530H to fit original mount.
- Special base grind plus locating holes for RCA RT21B.
- "LE" Large-case erase heads with locating holes in base, to fit certain Viking tape transports.
- Special precision non-adjustable mount, upper tracks, for 8-track cartridge duplicator.
- As 23, but lower tracks.
- COMBO combination erase-RP head, both erase and RP units in B-case.
- Z-COMBO cassette erase-RP head, .030-inch gap separation.
- IVC special F-case Z-Combo Audio II erase-RP with flush 13-mil track.
- Z-Combo erase-RP head with .020-inch extended track. Typical application record and play on .030 magnetic stripe of Super-8 film.
- Special C-case rear mount head for certain model SPOTMASTER cartridge recorders.
- SHOWCHRON "Picture head" with 80-mil relieved track for 16-mm edge stripe. Remove wear-shoe from old head and epoxy it to new head.
- TAPE-ATHON mono play head, "L" lower track, "U" upper track.
- MOVIOLA relieved-track film editor sound head.
- Special changer read head.
- IVC 1-inch dual-track audio/control head with angled gaps.
- MAGNASYNC 200-mil flush 16-mm film head.
- SHOWCHRON sound head with 2-56 tapped holes in base.
- Special 4-40 base mount stud for certain Wollensak recorders.
- Has single 4-40 tapped mounting hole in base.
- Dummy head to support tape in NAB cartridge tape players.
- LOCKHEED special precision base plate with tapped holes.
- 3M CANTADA play head, epoxy to original mount plate.
- 1-inch full-width ferrite erase heads. Q is 25.
- RCA RT21B special terminal board, base grind, and locating holes.
- SCULLY base plate supplied on head.
- AMPEX 300/440 base mount block supplied with head.
- No-mount, with 2-56 tapped holes in base.
- MCI cables furnished, no mount, with 3-48 tapped holes.
- SCULLY 100-dual head nest with special dual-coil record/play head. Heads may be purchased separately or as assembly.
- SCULLY 100 special dual-coil record head; no-mount with 2-56 mounting holes.
- AMPEX 300/440 type mount base included with erase head, 300 series requires 1-rnH, 150-mA RF choke in series with each head coil. AG440 requires 0.5-mH, 150-mA chokes for impedance matching. Tune for specified erase head voltage.
- AMPEX MM1200 erase head, with cables, less base mount block.
- #6-32 base stud included on head.
- High efficiency erase heads with ferrite/HyMu cores for use at operating frequencies up to 250 kHz. Operating voltage should be set proportional to frequency; i.e., at 150 kHz it is 150% of 100 kHz voltage. Do not exceed specified voltage by more than 20% to avoid core saturation.
- All metal-face erase heads for general purpose low cost applications. 100 kHz maximum recommended operating frequency. At lower frequencies reduce voltage proportionately.
- Cassette all-ferrite erase heads, with mount and tape guide. Maximum operating frequency 500 kHz - voltage proportional to frequency.

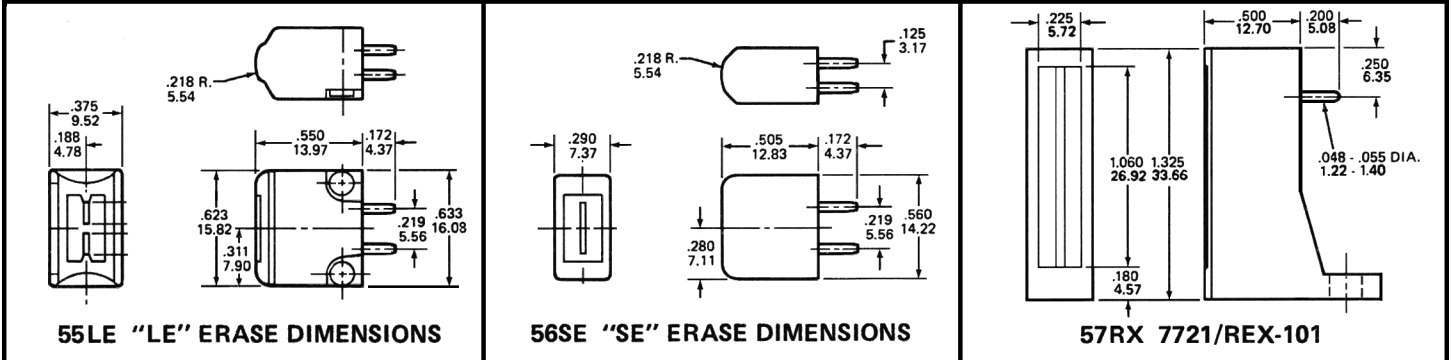
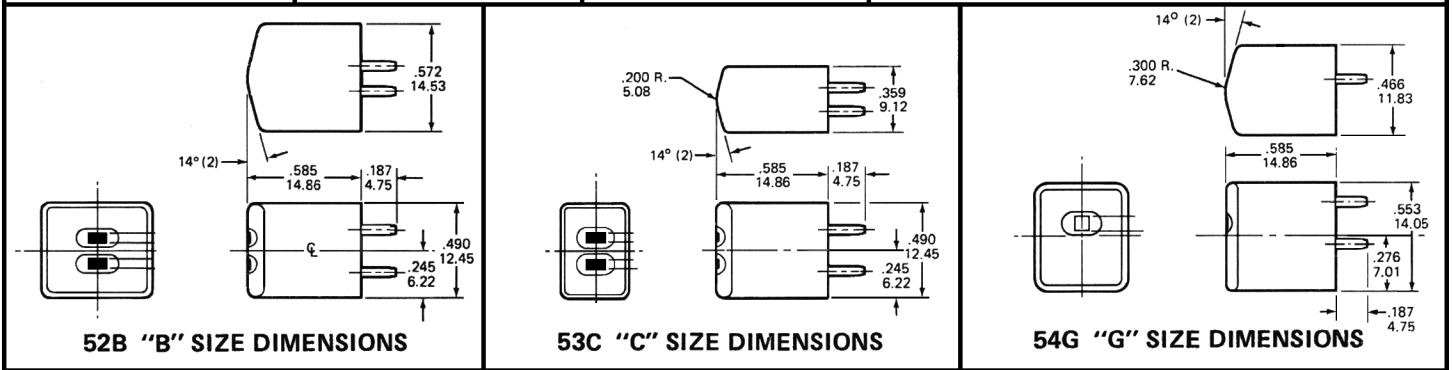
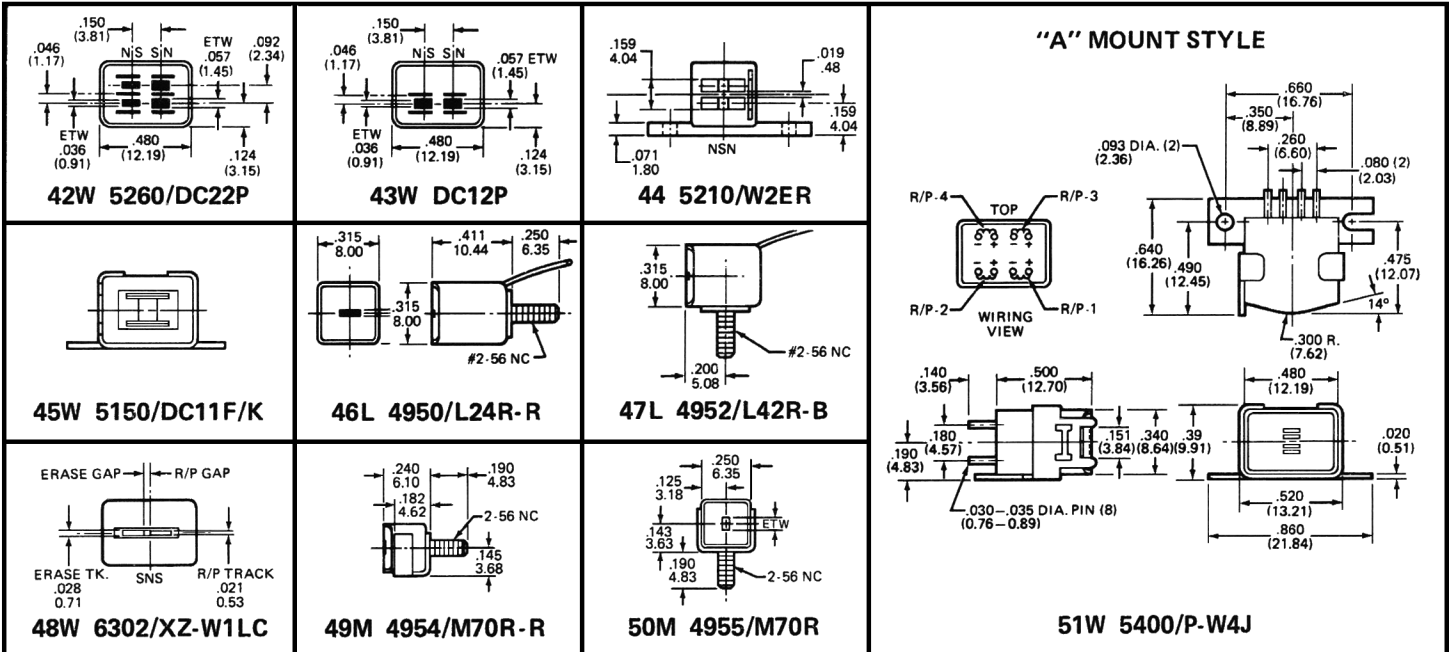
Head Outlines

NOTE: DIMENSIONS ARE SHOWN IN INCHES OVER MILLIMETERS

 <p>1B 1200/PB2Q</p>	 <p>2B 8600/WPB2Q</p>	 <p>3G 7608/PG2Q</p>	 <p>4B 7610/PB1QY</p>	 <p>5B 6000/PA2Q</p>
 <p>6B 6026/A1QC</p>	 <p>7SE 1400/SSEQ</p>	 <p>8LE 1400L/LSEQ</p>	 <p>9B 8701/B2EQ</p>	 <p>10B 8640/PRB2EQ</p>
<p>.100 TRACK SPACING 2.54 CENTER TO CENTER</p>  <p>11B 5700/PB3Q</p>	 <p>12B 5600/BQQ</p>	 <p>13B 5630/B4Q</p>	 <p>14B 8801/PCB4EQ</p>	
 <p>15B 7414/B1HC</p>	 <p>16B 8401/PB1HY</p>	 <p>17B 8400/WPB1HY</p>	 <p>18G 3200/PG1H</p>	 <p>19G 3100/G1HY</p>
 <p>20B 2000/PB2H</p>	 <p>21B 8200/WPB2H</p>	 <p>22B 9200/PRB2H</p>	 <p>23C 7251/PC2H</p>	 <p>24B 6100/PA2H</p>
 <p>25B 6126/PA1HC</p>	 <p>26SE 3600/SMEH</p>	 <p>27SE 2200/SSEH</p>	 <p>28LE 2200L/LSEH</p>	 <p>29B 8301/B2EH</p>
 <p>30B 9222/PRB2EH</p>	 <p>31B 9102/PRB1F</p>	<p>COIL TO UPPER PINS</p>  <p>32B 9125/PRB1EF</p>	 <p>33B 8101/B1EF</p>	
 <p>34SE 4400/SMEF</p>	 <p>35B 5800/B2L</p>	 <p>36B 5830/BQL</p>	 <p>37W 5130/W1R</p>	 <p>38W 5230A</p>
 <p>39W 5200/W2P</p>	 <p>40W 6200/ZW1R</p>	 <p>41W 6201/ZW2RK</p>	 <p>42W 6201/ZW2RK</p>	 <p>43W 6201/ZW2RK</p>
 <p>44W 6201/ZW2RK</p>	 <p>45W 6201/ZW2RK</p>	 <p>46W 6201/ZW2RK</p>	 <p>47W 6201/ZW2RK</p>	 <p>48W 6201/ZW2RK</p>

Head Outlines

NOTE: DIMENSIONS ARE SHOWN IN INCHES OVER MILLIMETERS



TYPICAL REAR MOUNT

1/4-28 NF
 .270 6.86
 .062 1.57
 HEX NUT
 LOCK WASHER
 FLAT WASHER

1 RED-ORG 2 YEL-BLU	ERASE R/P 1 BLK-WHT RED-ORG 2 BRN-GRN YEL-BLU	1 BLK-RED 2 BRN-ORG 3 GRN-YEL 4 WHT-BLU
Stereo Heads 1200/2000 etc. B2Q/B2H/SEH	COMBO 6100/A2H/A1HC (Mono Use #1)	5600/5830 BQQ/BQL
1 RED-ORG 2 YEL-BLU 3 WHT-BLK	REAR MOUNT LEADS - COLOR CODE	
5700/B3Q	58 REAR MOUNTS	

SINGLE 6-32 STUD
 (.200 inch back from from head face, spot welded to spring clip.)
 QK-19 "SE" Erase Heads
 QK-21 "G" Size R/P Heads
 QK-66 All "B" Size Heads

59 BASE MOUNT QUIK-KITS

TWO 2-56 STUDS
 (On side of spring clip.)
 QK-18 "SE" Erase Heads
 QK-20 "G" Size R/P Heads
 QK-38 All "B" Size Heads

60 SIDE MOUNT QUIK-KITS