

LINE:		YELLOW		LAST READ:	4/4/2022		DATE:	4/7/2022		RELAY HOUSE:		ASBURY		
GRS II AUDIO READINGS DATA SHEET				TRANSMIT MODULE TEST POINTS						RECEIVE MODULE TEST		RECEIVER AMPLIFIER A1 PCB		
										POINTS				
BOARD TEST POINTS				Line(+)	Line(+)	Line(+)	Line(+)	COM &	COM &	Line(+)	Line(+)	J103-	J101-	J101-
				Line(-)	Line(-)	Line(-)	Line(-)	TRK. IN	TRN IN	Line(-)	Line(-)	J102(com)	J102(com)	J102(com)
BASELINE READING														
NOTES:	TRACK CIRCUIT ID:	TRACK POWER OUTPUT:	BIAS SETTING	TRACK FREQ.	CAB FREQ.	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRACK BUFFER VOLTAGE	TRAIN BUFFER VOLTAGE	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER SW1 UP Amplitude	GAIN V. SW1 DWN. Amplitude	SQ. WAVE V SW1 UP Amplitude
	TRACK LENGTH	CAB POWER OUTPUT:												
	SK1-9T	A1B1C1G1		2318	4536	59.2	97	11.8	17.3	6.9	9.2	3.1	2.4	24.4
		A2B2D2G2	224	2318	4530	58	98.7	11.9	17.4	10.2	10.6	3.02	2.4	24
47.4	SK1-15T	A1B1C1G1	227	2812	4539	47.4	62	10.2	12.7	7.7	9.1	3.3	2.4	24.7
46.6	66	A2C2F2G2	276	2820	4536	46.6	66	10.2	12.8	7.9	9.3	3.2	2.3	24.4
	SK1-26T	A1B1F1G1		3355	4543	130	264	26.1	48.8	4.9	5.2	3.1	1.9	24.4
		A2B2F2G2	216	3354	4545	130	266	26	49.1	5.1	6	2.6	2.1	24.5
127	SK1-44T	A1B1D1G1	227	3890	4542	127	210	40	52.7	6.8	5	3.1	1.7	25
130	218	A2B2F2G2	375	3892	4540	130	218	40.7	53.1	5.8	4.5	3.3	1.8	24.5
	SK1-54T	A1C1D1G1		2321	4540	80.5	134	19.8	36.7	9.2	9.3	3.3	2.6	25.3
		A2B2F2G2	142	2318	4543	81.5	133	20.2	36.8	9.1	10	3.1	2.4	24.2
131	SK1-74T	A1B1F1G1	344	2817	4536	131	250	34.8	49.4	7.2	8	3.5	2.6	25
27.8	81.9	A2B2F2G2	130	2810	4540	37.8	83.9	14.8	24.1	8	9.2	3.3	2.2	24.5
	SK1-94TT.O.	A1B1E1G1		3357	4547	144	230	32.6	49.5					
		A2B2F2G2	106	3360	4545	150	227	32.4	49.3					

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15mpm

SK1-9T

GRS II AUDIO READINGS DATA SHEET

TRACK CIRCUIT ID.

BOARD	TRANSMIT MODULE TEST POINTS						RECEIVE MODULE TEST POINTS		RECEIVER AMPLIFIER			A1 PCB
	Line(+) Line(-)	Line(+) Line(-)	Line(+) Line(-)	Line(+) Line(-)	COM & TRKAC IN	COM & TRAIN IN	Line(+) Line(-)	Line(+) Line(-)	J103- J102 (com)	J101- J102 (com)	J101- J102 (com)	
TEST POINTS	TRACK FREQUENCY	CAB FREQUENCY	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRK BUF. VOLTAGE Amplitude	TRN BUF. VOLTAGE Amplitude	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER INPUT SWT UP Amplitude	GAIN REF V. SWT DOWN Amplitude	SQ. WAVE V. SWT UP Amplitude	
BASELINE READING	TRACK FREQUENCY	CAB FREQUENCY	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRK BUF. VOLTAGE Amplitude	TRN BUF. VOLTAGE Amplitude	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER INPUT SWT UP Amplitude	GAIN REF V. SWT DOWN Amplitude	SQ. WAVE V. SWT UP Amplitude	
DATE	INITIALS	TRACK FREQUENCY	CAB FREQUENCY	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRK BUF. VOLTAGE Amplitude	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER INPUT SWT UP Amplitude	GAIN REF V. SWT DOWN Amplitude	SQ. WAVE V. SWT UP Amplitude	
5/9/91	2319	4576	59	91	11.8	17.4	7.1	8.0	3.0	1.9	24.4	
10/23/91	2305	4547	60	90	12.3	17.6	7.0	7.8	3.3	2.0	24.6	
5/2/92	2319	4573	61	92	12.0	17.0	6.6	7.9	3.0	2.1	25.6	
4/28/92	2302	4555	60.8	92.1	11.6	17.4	6.0	8.4	2.92	1.8	25.0	
5/31/92	2317	4570	60	93	12.2	17.5	6.3	8.3	3.0	1.84	25.2	
8/31/92	2323	4513	59.2	92	12.0	17.6	6.8	8.9	3.1	1.86	25.1	
11/26/92	2305	4530	60.1	94	11.8	17.4	6.6	8.5	2.9	1.8	24.6	
1/4/93	2319	4578	61.6	90.4	11.4	17.4	6.4	8.4	2.7	2.4	25.4	
5/16/93	2319	4553	60.8	90.1	11.8	17.1	6.9	8.3	3.4	2.2	24.8	
8/10/93	2315	4576	60.1	92.6	10.2	17.2	6.8	9.0	3.2	2.3	24.6	
11/27/93	2310	4536	59.2	97.0	11.8	17.3	6.9	9.2	3.1	2.4	24.4	
4/14/94	2320	4530	60.3	94.6	11.8	17.4	7.0	9.4	2.9	2.3	24.4	
7-25-92	2320	4530	60.3	94.6	11.8	17.4	7.0	9.4	2.9	2.3	24.4	
9-18-92	2320	4530	60.7	94.2	11.8	17.3	7.4	9.7	4.9	2.8	24	
10-25-92	2327	4541	54	95	12.0	17.1	9.2	10.0	3.5	2.4	24.	
AC/MM	2339	4547	59	99	11.9	17.0	9.1	9.8	3.6	2.4	24.2	
13-1-92	2919	458	58.4	99.6	12.7	17.5	10.2	9.7	3.5	2.6	24.6	
10-2-92	2324	4561	58.5	100.4	12.0	17.4	10.7	9.6	3.6	3.1	25.0	
11-22-92	2321	4538	59.3	101.0	10.2	15.6	9.8	9.7	3.7	2.6	24.8	
AC/MM	2317	4530	60.4	98.7	9.4	15.6	9.9	8.6	3.7	1.9	24.5	
10/9/23	2316	4530	60	98	12	17.4	9.5	10	3.7	1.7	24.5	

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SK1-15T

GRS II AUDIO READINGS DATA SHEET

TRACK CIRCUIT ID-

BOARD		TRANSMIT MODULE TEST POINTS						RECEIVE MODULE TEST POINTS				RECEIVER AMPLIFIER		
TEST POINTS		Line(+) Line(-)	Line(+) Line(-)	Line(+) Line(-)	Line(+) Line(-)	COM & TRACK IN	COM & TRAIN IN	Line(+) Line(-)	J103- J102 (com)	J101- J102 (com)	J101- J102 (com)			
BASELINE READING		TRACK FREQUENCY	CAB FREQUENCY	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRK BUF. VOLTAGE Amplitude	TRN BUF. VOLTAGE Amplitude	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER INPUT SW1 UP Amplitude	GAIN REF. V. SW1 DOWN Amplitude	SQ. WAVE V. SW1 UP Amplitude		
DATE	INITIALS	TRACK FREQUENCY	CAB FREQUENCY	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRK BUF. VOLTAGE Amplitude	TRN BUF. VOLTAGE Amplitude	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER INPUT SW1 UP Amplitude	GAIN REF. V. SW1 DOWN Amplitude	SQ. WAVE V. SW1 UP Amplitude		
5/29/96		28000	45775	45	60	10.4	13.6	7.5	8.4	3.0	1.8	24.8		
10/23/99		28224	45007	42	57	10.0	14.0	7.0	7.8	3.3	2.1	26.0		
5/29/96		28000	45113	44	60	10.4	13.8	8.0	8.0	3.2	2.0	25.0		
8/31/99		28007	45007	46	61	10.2	13.7	7.8	8.4	3.1	2.1	25.6		
8/31/99		28006	45228	45	60	13.4	13.5	7.3	7.8	3.16	2.2	25.4		
8/31/99		28220	45666	43.2	61	9.8	13.9	6.9	8.1	3.0	2.2	24.6		
11/25/90		28001	45668	41.0	62	9.7	13.3	7.6	8.3	3.1	1.9	24.8		
4/16/92		27775	45779	50.6	66	10.1	13.4	7.7	8.6	3.4	2.3	24.4		
8/15/91		28337	45660	42.4	62.8	1.0	13.2	7.6	8.2	3.2	2.2	24.4		
8/15/91		28006	45009	42.3	61.4	14.3	13.6	7.0	8.8	3.3	2.2	24.6		
5/12/92		28114	45772	43.2	63.0	10.6	13.4	7.1	9.4	3.2	2.3	25.0		
5/12/92		28112	45772	43.2	63.0	10.6	13.4	7.1	9.4	3.2	2.3	25.0		
4/16/92		28112	45772	43.2	63.0	10.6	13.4	7.1	9.4	3.2	2.3	25.0		
7-25-92		28114	45500	44.6	66.3	10.7	12.9	7.8	9.2	3.3	1.9	24.7		
10-24-92		28117	45661	53.0	70.1	110.0	12.5	7.3	8.8	3.3	2.3	24.7		
12-1-92		28021	45559	51.0	70.0	10.0	12.6	7.7	8.9	3.3	2.2	24.4		
12-1-92		28119	45338	50.4	75.0	9.9	12.9	8.5	9.4	3.3	1.9	24.9		
12-1-92		28024	45498	49.8	75.1	9.9	12.1	7.8	10.1	3.5	2.0	24.0		
12-1-92		28009	45339	50.5	75.6	9.6	12.7	8.5	9.9	3.4	2.3	25.1		
10/9/93		28118	45330	51.5	76	9.7	12.7	7.5	10.2	3.0	2.0	25.2		

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SK1-26T

BOARD		TRANSMIT MODULE TEST POINTS						RECEIVE MODULE TEST POINTS		RECEIVER AMPLIFIER A1 PCB		
TEST POINTS		Line(+) Line(-)	Line(+) Line(-)	Line(+) Line(-)	Line(+) Line(-)	COM & TRACK IN	COM & TRAIN IN	Line(+) Line(-)	Line(+) Line(-)	J103- J102 (com)	J101- J102 (com)	J101- J102 (com)
BASELINE READING	INITIALS	TRACK FREQUENCY	CAB FREQUENCY	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRK. BUFF. VOLTAGE Amplitude	TRN BUFF VOLTAGE Amplitude	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER INPUT SW1 UP Amplitude	GAIN REF V. SW1 DOWN Amplitude	SQ. WAVE V. SW1 UP Amplitude
DATE	INITIALS	FREQUENCY	FREQUENCY	Amplitude	Amplitude	Amplitude	Amplitude	Amplitude	Amplitude	Amplitude	Amplitude	Amplitude
5c/19c		3349	4514	118	210	26.8	49.6	5.8	6.3	3.3	1.8	24.5
10/23/19		3337	4523	117	213	26.0	49.0	6.0	7.4	2.7	1.9	25.8
5c/19c		3352	4533	118	215	26.6	48.4	6.7	6.2	3.0	2.1	25.0
5c/19c		3358	4587	111	216	26.0	49.2	6.4	5.8	2.9	1.9	25.6
5c/19c		3335	4600	114	208	25.4	50	5.4	5.3	2.6	1.8	24.6
11/25/20		3358	4560	113.6	212	25.7	49.9	4.9	5.5	2.7	1.7	25.6
5c/19c		3330	4558	119.6	218	24.8	48.8	4.9	5.2	2.8	2.0	25.2
5c/19c		3334	4507	118.4	207	25.2	48.1	4.8	4.1	2.7	1.9	24.4
5c/19c		3342	4531	119	250	25.1	48.4	5.4	5.4	3.1	2	23.6
5c/19c		3396	4584	125.6	258	25.4	50.6	4.8	5.5	2.8	1.9	25.0
5c/19c		3359	4541	133.6	274.4	26.0	49.0	5.4	7.3	3.3	2.0	24.4
5c/19c		3355	4543	130.0	264.0	26.1	48.8	4.9	5.2	3.1	1.9	24.4
7-25-22		3370	4550	120.5	259	25.8	48.8	4.8	5.1	2.8	1.6	24.8
AC/19c		3305	4539	120.0	260.0	25.1	49.0	4.5	5.0	2.6	2.4	25.0
AC/19c		3306	4542	120.0	262.0	25.0	48.7	5.2	5.2	2.9	1.9	25.0
AC/19c		3354	4537	119.0	264.0	26.8	49.9	5.4	6.7	2.8	1.7	25.0
AC/19c		3348	4540	113.0	253.0	25.5	49.5	5.5	5.9	2.6	1.8	25.1
AC/19c		3354	4541	113	254	24.0	49.1	4.6	5.8	2.6	1.7	24.7