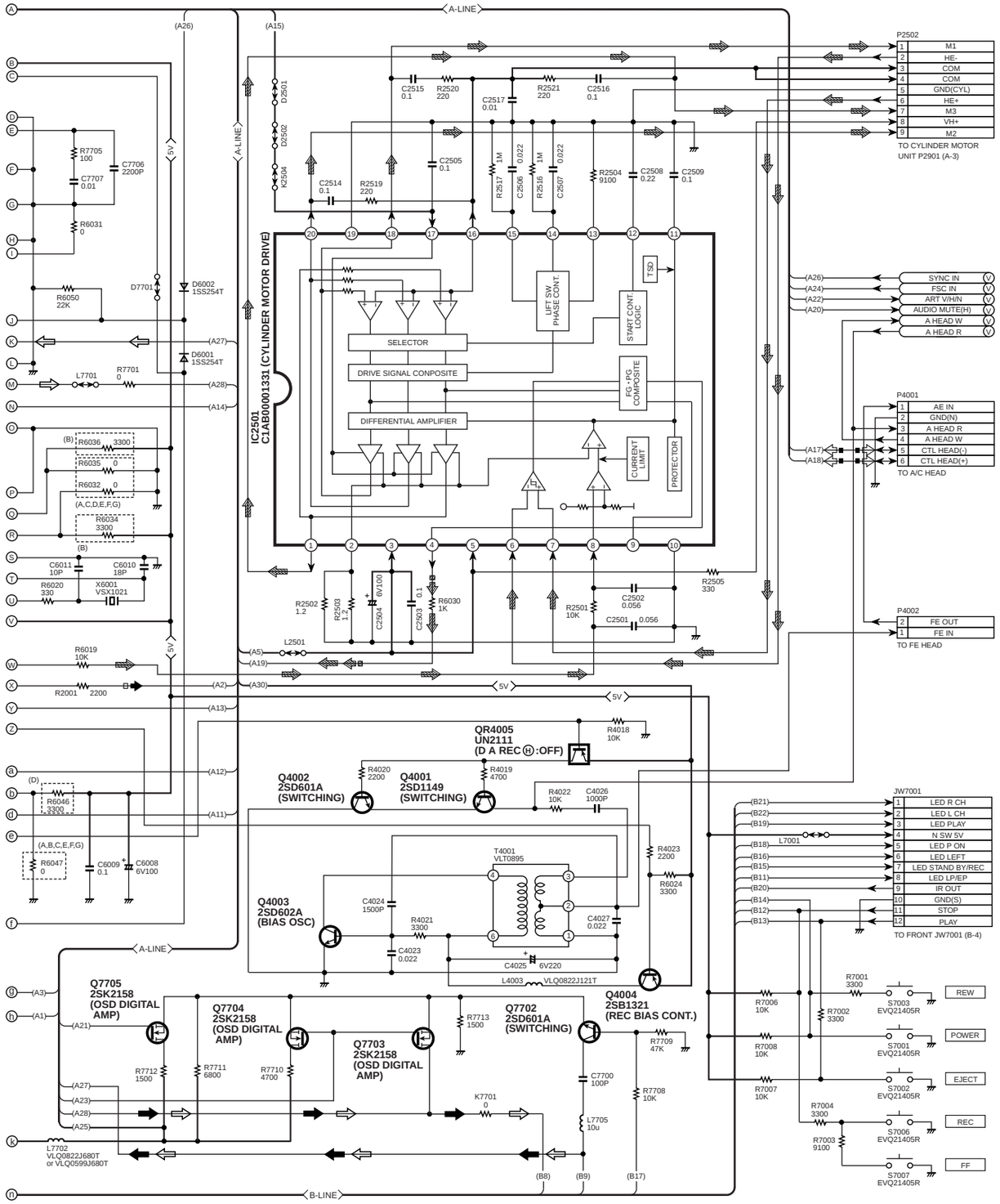

(A):NV-SJ3MK2AM (E):NV-SJ5MK2AU
(B):NV-SJ3MK2PMP (F):NV-SJ5MK2EU
(C):NV-SJ5MK2AM (G):NV-FJ8MK2AM
(D):NV-SJ7AF

SYSTEM CONTROL & SERVO ICs VOLTAGE CHART (SP MODE)

Ref.No.	IC2501																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	4.3	0	5.0	0.7	5.0	1.1	0	2.4	0	0	1.0	2.6	0.2	1.6	1.6	4.3	14.5	4.3	0	4.3
PLAY	4.3	0	5.0	0	0	0	0	0	0	0	1.0	0	0.2	1.6	1.6	0	14.5	4.3	0	4.3
REC	4.3	0	5.0	1.0	5.0	1.1	1.0	2.4	0	0	1.0	2.6	0.2	1.6	1.6	4.4	14.5	4.4	0	4.3
F.F	4.2	0	5.0	0.8	5.0	1.1	1.0	2.4	0	0	1.0	2.6	0.2	1.6	1.6	4.2	14.5	4.2	0	4.2
REW	4.4	0	5.0	1.0	5.0	1.1	0	0	0	0	1.0	2.6	0.2	1.6	1.6	4.3	14.5	4.4	0	4.5
Ref.No.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	5.0	0	0.1	5.0	5.0	0	0	0.1	5.0	4.9	4.9	5.0	0.3	5.0	5.0	5.0	4.4	4.9	0	0
PLAY	5.0	0	5.0	5.0	5.0	0	0	0.1	0	4.9	4.9	5.0	0.3	5.0	5.0	5.0	4.5	4.5	0	0.3
REC	5.0	0	5.0	5.0	5.0	0	0	0	0	0	4.9	5.0	0.3	5.0	5.0	5.0	4.4	4.2	0	0.5
F.F	5.1	0	0.1	2.3	5.0	0.1	0	0.1	5.0	4.9	4.9	0.1	0.3	5.1	5.1	5.1	4.7	4.4	0	4.8
REW	5.1	0	2.4	5.0	5.0	0	0	0.1	5.0	4.9	4.9	5.0	0.3	5.1	5.1	5.1	4.6	4.5	0	4.8
Ref.No.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	0	0	5.0	0	5.0	0	0	0	0	5.0	5.0	0	0	2.4	0.1	5.0	2.5	2.5	0	0
PLAY	4.1	0	5.0	0	5.0	0	0	0	0	5.0	5.0	0.2	2.4	2.4	0.2	5.0	2.5	2.5	0	0
REC	4.1	0	5.0	0	5.0	4.9	5.0	0	4.9	0	0.1	0	2.4	0	0	5.0	0	2.5	0	0
F.F	5.0	0	5.0	0	5.0	0	0	0	0	5.0	5.0	0	5.0	2.4	0.1	5.0	2.5	2.5	0	0
REW	5.0	5.0	1.6	0	5.1	0	0	0	0	5.1	5.0	0	5.0	2.4	0	5.0	2.5	2.5	0	0
Ref.No.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	0	0	0	0	0	4.2	1.8	0	1.8	0.8	4.9	2.3	2.5	0	0	0	0	0	0	0
PLAY	0	0	0	0	0	4.1	1.8	0	1.9	0.8	5.0	2.4	2.5	0.1	0.1	0	0	0	0	0
REC	0	0	0	0	0	4.0	1.8	0	1.8	0.8	4.9	2.2	2.5	0	0	0	0	0	0	0
F.F	0	0	0	0	0	4.2	1.8	0	1.8	0.8	5.0	2.4	2.5	0	0	0	0	0	0	0
REW	0	0	0	0	0	4.2	1.8	0	1.8	0.8	4.9	2.4	2.5	0	0	0	0	0	0	0
Ref.No.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	0	0	0	0	0.7	0	2.4	2.4	2.4	2.4	0	2.4	5.0	2.4	2.4	2.4	5.0	0	5.0	5.0
PLAY	0	0	0	0	0.7	0	2.4	2.4	2.4	2.4	0	0.1	5.0	-	-	2.5	5.0	0	5.0	5.0
REC	0	0	0	0	0.7	0	2.4	2.4	0	2.4	0	2.4	5.0	3.3	1.4	2.4	5.0	0	5.0	5.0
F.F	0	0	0	0	1.0	0	2.4	2.4	2.4	2.4	0	2.4	5.0	2.4	2.4	2.5	5.1	0.1	5.1	5.0
REW	0	0	0	0	0.7	0	2.4	2.4	2.4	2.4	0	2.4	5.0	2.4	2.4	2.5	5.1	0.1	5.1	5.1
Ref.No.	IC6001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	0.0	0	0	0	5.0	4.5	4.3	0	0	5.0	0	0	0	0	0	0	0	4.9	0	0
PLAY	5.0	0	0	0	5.0	4.4	4.0	0	4.0	5.0	0	0	0	0	0	0	5.0	4.9	4.9	0
REC	5.0	0	0	0	5.0	4.5	4.8	0	0	5.0	0	0	0	0	4.9	0	4.9	4.9	0	0
F.F	5.0	0	0	0	5.0	4.8	4.4	0	3.6	5.0	5.0	0	0	0	5.0	0	5.0	4.9	4.9	0
REW	5.1	0	0	0	5.1	4.5	4.6	0	3.9	5.0	5.0	0	0	0	5.0	0	5.0	4.9	4.9	0
Ref.No.	IC6002								IC6003					IC6004						
MODE	1	2	3	4	5	6	7	8	1	2	3	4	5	1	2	3	4			
STOP	0.3	5.0	5.0	5.0	0	0	0	5.0	5.0	5.0	0	0	0	1.0	2.2	5.0	0			
PLAY	0.3	5.0	5.0	5.0	0	0	0	5.0	5.0	5.0	0	0	0	1.0	2.2	5.0	0			
REC	0.3	5.0	5.0	5.0	0	0	0	5.0	5.0	5.0	0	0	0	1.0	2.2	5.0	0			
F.F	0.3	5.0	5.0	5.0	0	0	0	5.1	5.0	5.0	0	0	0	1.1	2.2	2.5	0			
REW	0.3	5.1	5.1	5.1	0	0	0	5.1	5.1	5.1	0	0	0	1.1	2.2	2.5	0			
Ref.No.	IC6005																			
MODE	1	2	3	4																
STOP	0	1.0	5.0	0																
PLAY	0	1.0	5.0	0																
REC	0	1.0	5.0	0																
F.F	0	1.0	2.2	0																
REW	0	1.0	2.3	0																

SYSTEM CONTROL & SERVO TRANSISTORs VOLTAGE CHART (SP MODE)

Ref.No.	Q1301			Q2001			Q3003			Q4001			Q4002			Q4003		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	12.1	14.5	12.7	5.0	5.7	5.7	5.0	5.7	5.7	0	0	0.6	0	0	0.6	0	0.2	0.2
PLAY	12.1	14.5	12.7	5.0	5.8	5.7	5.0	5.8	5.7	0	0	0.6	0	0	0.6	0	0.3	0.3
REC	0	12.7	0	5.0	5.7	5.7	5.0	5.7	5.7	-19.9	0	-28.9	-19.9	0	-28.4	0	4.5	0.8
F.F	12.1	14.5	12.7	5.0	6.1	5.8	5.0	6.2	5.7	0	0	0.6	0	0	0.6	0	0.2	0.2
REW	12.1	14.5	12.7	5.0	5.9	5.8	5.0	6.1	5.7	0	0	0.6	0	0	0.6	0	0.2	0.2
Ref.No.	Q4004			Q4501			Q6001			Q6002			Q6003			Q7702		
MODE	E	C	B	E	C	B	+	-		+	-		E	C	B	E	C	B
STOP	5.0	0.2	4.2	5.0	5.7	5.8	4.4	0		4.9	0		5.0	5.7	5.7	0.8	0	0
PLAY	5.0	0.3	5.0	5.0	5.8	5.8	4.2	0		4.6	0		5.0	5.8	5.7	0.8	0	0
REC	4.9	4.8	4.2	5.0	5.7	5.7	4.5	0		4.7	0		5.0	5.7	5.7	0.8	0.1	0
F.F	5.0	0.2	5.0	5.0	6.2	5.8	4.7	0		4.7	0		5.1	6.1	5.7	0.8	0.2	0
REW	5.0	0.2	5.0	5.0	6.2	5.8	4.8	0		4.8	0		5.1	6.0	5.7	0.8	0	0
Ref.No.	Q7703			Q7704			Q7705											
MODE	S	D	G	S	D	G	S	D	G									
STOP	0.8	1.8	0	0.8	4.9	0	0.8	4.9	0									
PLAY	0.8	1.8	0	0.8	4.9	0	0.8	4.9	0									
REC	0.8	1.8	0	0.8	4.9	0	0.8	4.9	0									
F.F	0.8	1.8	0	0.8	5.0	0	0.8	5.0	0									
REW	0.8	1.8	0	0.8	5.0	0	0.8	5.0	0									
Ref.No.	QR4005			QR6002			QR7001			QR7002			QR7003			QR7004		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	5.0	5.0	0	0	12.7	0	0	3.8	0	0	0	4.9	0	3.8	0	0	0	4.9
PLAY	5.0	5.0	0	0	12.7	0	0	3.8	0	0	0	4.9	0	3.8	0	0	0	4.9
REC	4.9	-28.5	4.9	0	12.7	0	0	0	4.9	0	0	4.9	0	3.8	0	0	0	4.9
F.F	5.0	5.0	0	0	12.7	0	0	3.8	5.0	0	3.6	4.9	0	3.8	5.0	0	3.6	4.9
REW	5.0	5.0	0	0	12.7	0	0	3.8	5.0	0	3.6	4.9	0	3.8	5.0	0	3.6	4.9
Ref.No.	QR7005			QR7006			QR7007											
MODE	E	C	B	E	C	B	E	C	B									
STOP	0	3.6	0	0	0	4.9	0	0	4.9									
PLAY	0	0	5.0	0	0	4.9	0	0	4.9									
REC	0	0	4.9	0	0	4.9	0	0	4.9									
F.F	0	3.6	0	0	0	4.9	0	0	4.9									
REW	0	3.6	5.0	0	0	4.9	0	0	4.9									