

- Ⓡ :TO POWER SUPPLY/RF SECTION
Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓐ :TO Hi-Fi AUDIO SECTION
Ⓛ :TO INPUT/OUTPUT SECTION
Ⓣ :TO TIMER SECTION

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

AUDIO MAIN SIGNAL PATH IN REC MODE

AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

P4003
(TO A/C HEAD)

AUDIO ERASE IN	1
GND	2
A-HEAD (R)	3
A-HEAD (W)	4
CTL HEAD (-)	5
CTL HEAD (+)	6

CTL HEAD (+)	Ⓢ
CTL HEAD (-)	Ⓢ
SHORT DET (L)	Ⓢ
BIAS (L)	Ⓢ

P4002
(TO FULL ERASE HEAD)

FULL ERASE OUT	1
FULL ERASE IN	2

HEAD SW	Ⓢ	A1
H-AMP SW	Ⓢ	A2
ENV. SELECT	Ⓢ	A3
TRACKING ENV.	Ⓢ	A4
D.REC (H)	Ⓢ	A5
CURR. EMPH (H)	Ⓢ	A6
TUNER AUDIO (N)	Ⓢ	A7
FM MUTE	Ⓢ	A8
AUDIO OUT (N)	Ⓢ	A9
MUTE (H)	Ⓢ	A10
AUDIO IN (N)	Ⓢ	A11

P3502
(TO CYLINDER UNIT)

LP R	1	A15
LP COM	2	A16
LP L	3	A17
SP R	4	A18
SP COM	5	A19
SP L	6	A20
GND	7	
AUDIO HEAD L	8	
AUDIO HEAD COM	9	
AUDIO HEAD R	10	

AUDIO HEAD R	Ⓐ
AUDIO HEAD COM	Ⓐ
AUDIO HEAD L	Ⓐ

D.A.REC (H)	Ⓢ
PAL EP (H)	Ⓢ

BIAS 5V	Ⓡ
VIDEO 5V	Ⓡ
GND	Ⓡ

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS() ON THIS DIAGRAM IS RECORD MODE
WITH PAL COLOUR SIGNAL.(SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE
WITH PAL COLOUR SIGNAL.(SP MODE)

NV-FJ631EG/EGY/EC,FJ630EG/EGY/BL/EC/ECN
LUMINANCE & CHROMINANCE/AUDIO SECTION SCHEMATIC DIAGRAM