

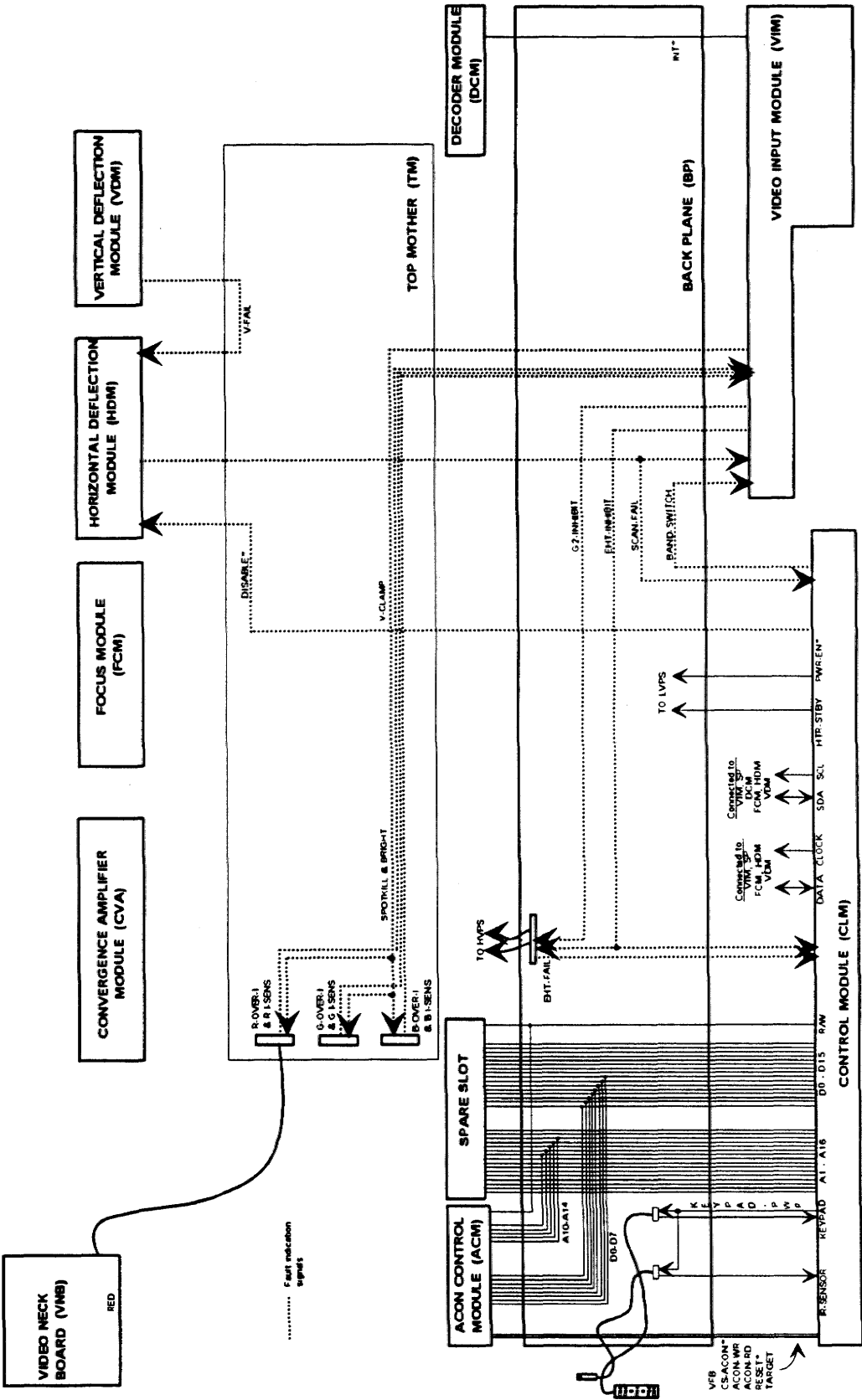
Signal Path Diagrams

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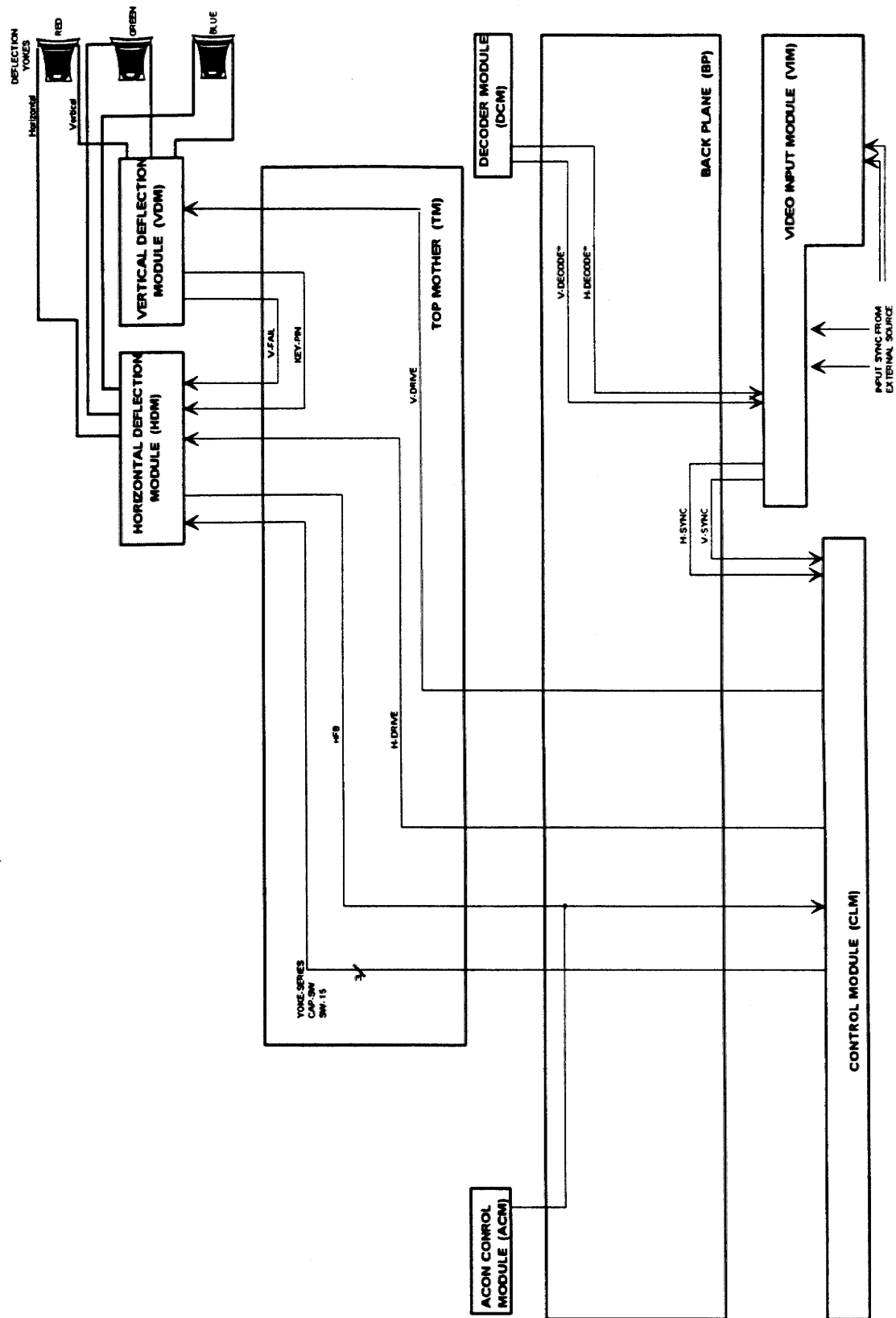
6.1 Signal Path Diagrams

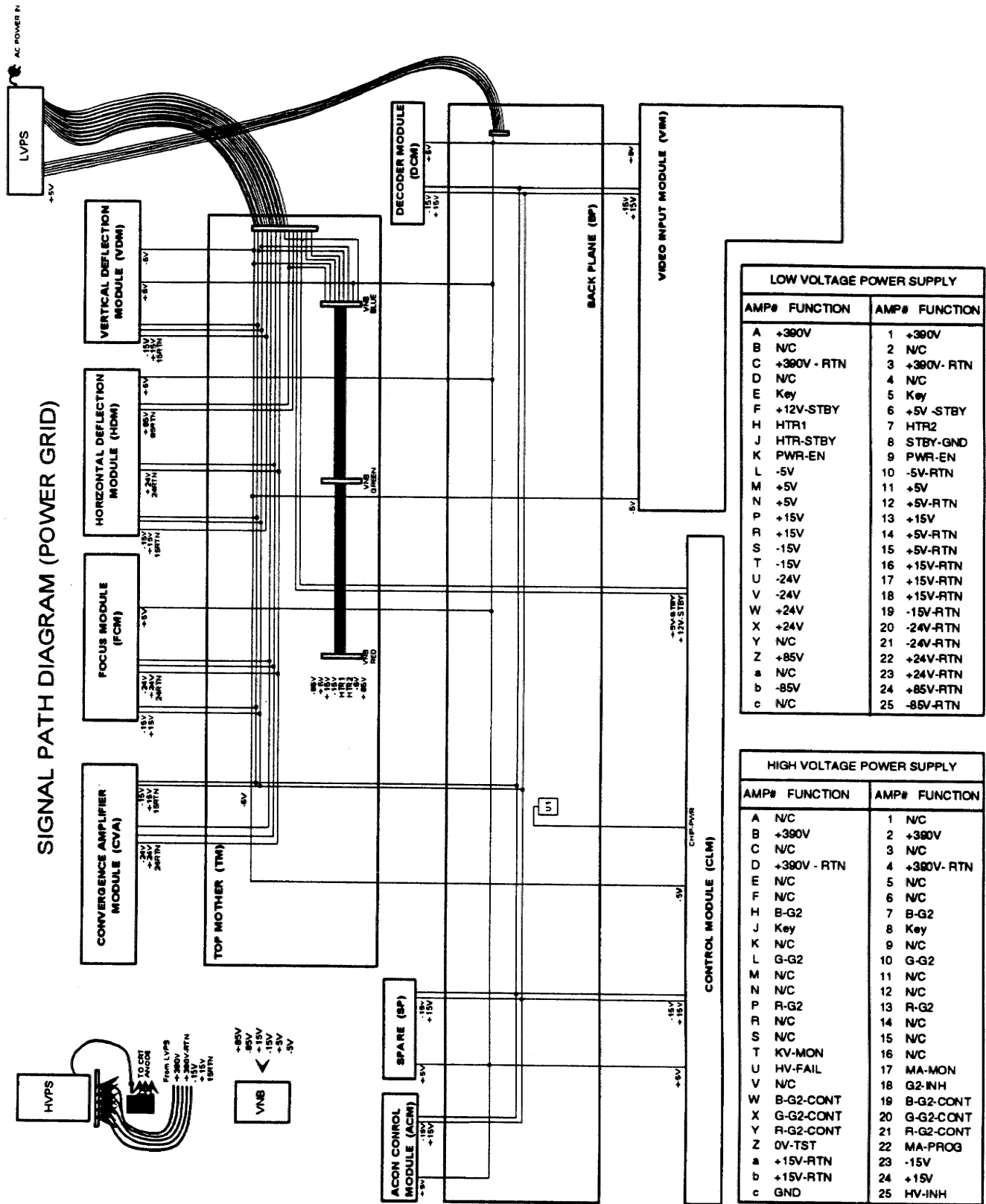
See following pages.

SIGNAL PATH DIAGRAM (DIGITAL/CONTROL)

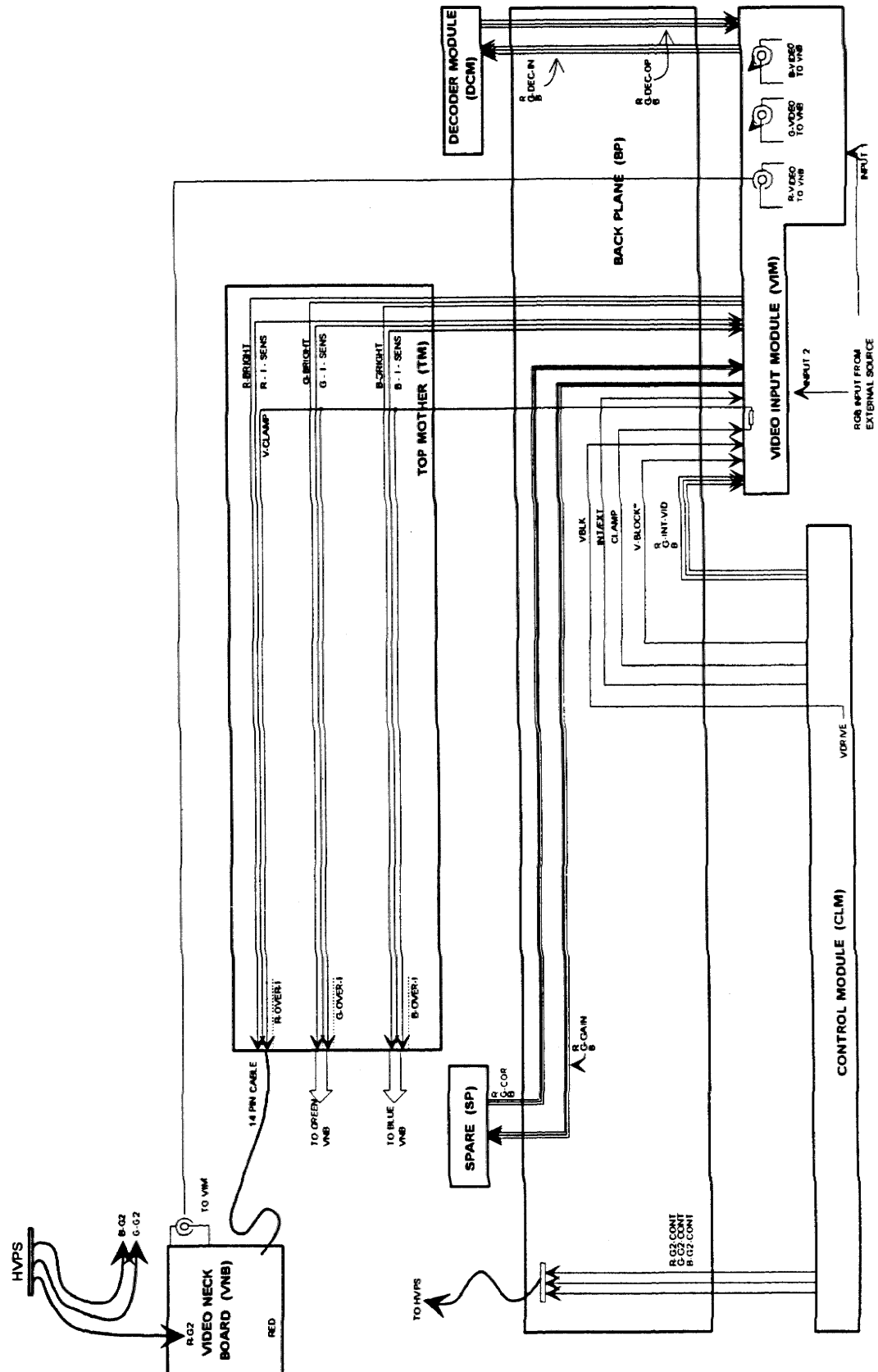


SIGNAL PATH DIAGRAM (DEFLECTION)

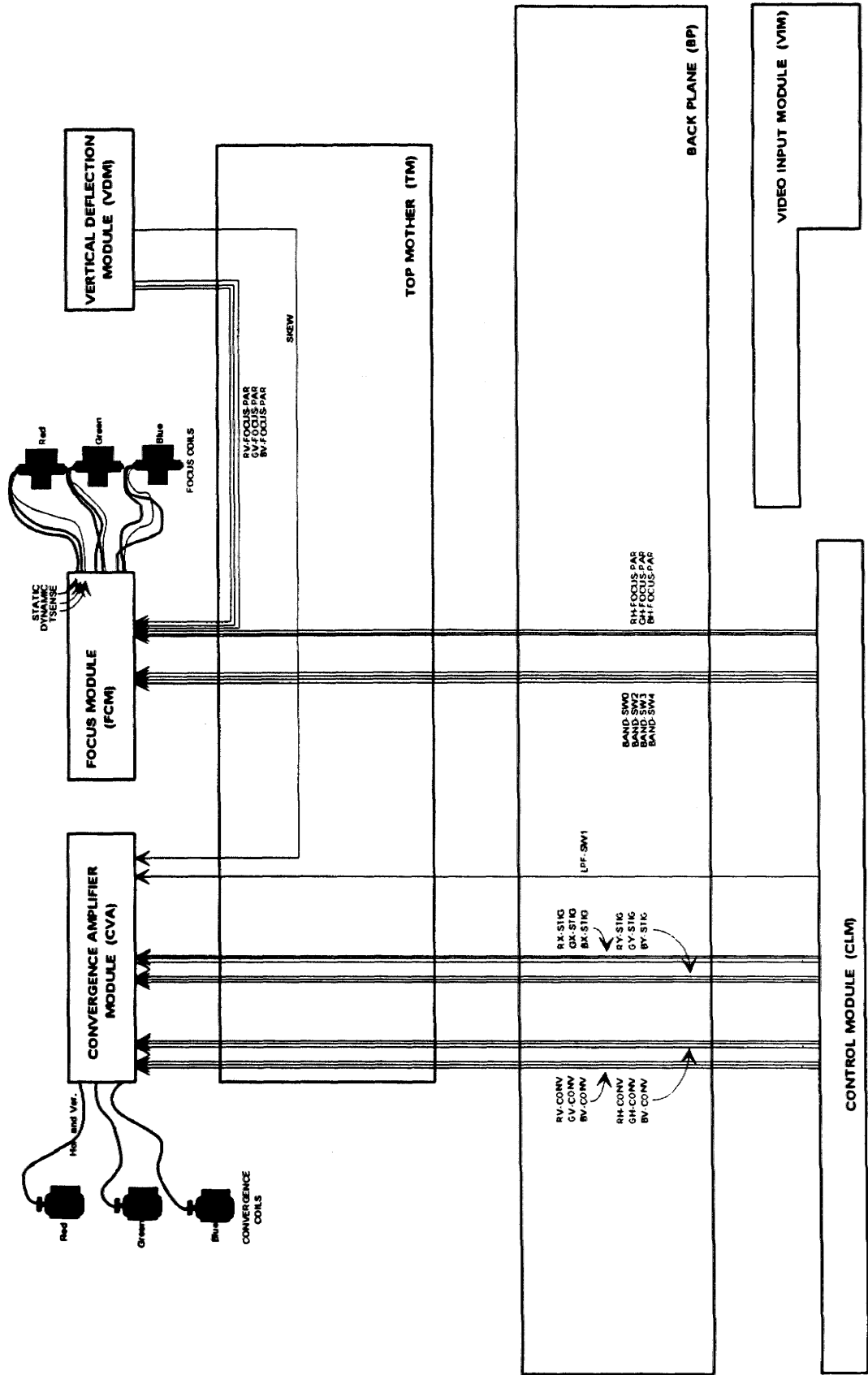




SIGNAL PATH DIAGRAM (VIDEO)



SIGNAL PATH DIAGRAM (CONVERGENCE/FOCUS)



Cable & Harness Wiring Chart

Harness Description	Electrohome #	From	To
Convergence Cable - Red	part of convergence yoke	Convergence Yoke (Red)	CVA - P1
Convergence Cable - Green	part of convergence yoke	Convergence Yoke (Green)	CVA - P3
Convergence Cable - Blue	part of convergence yoke	Convergence Yoke (Blue)	CVA - P5
CRT Aquadag Ground Leads - Red (2)	part of CRT assembly	CRT (Red) - dag contact	VNB (Red) - Gnd Bar
CRT Aquadag Ground Leads - Grn (2)	part of CRT assembly	CRT (Grn) - dag contact	VNB (Green) - Gnd Bar
CRT Aquadag Ground Leads - Blu (2)	part of CRT assembly	CRT (Blue) - dag contact	VNB (Blue) - Gnd Bar
CRT G2 Pin Connect - Red	34-001273-01P	VNB (Red) - WH2	CRT (Red) - Pin #2
CRT G2 Pin Connect - Green	34-001273-01P	VNB (Green) - WH2	CRT (Green) - Pin #2
CRT G2 Pin Connect - Blue	34-001273-01P	VNB (Blue) - WH2	CRT (Blue) - Pin #2
CRT G2 Supply Lead - Red	34-001268-01P	HVPS - P2	VNB (Red) - P4
CRT G2 Supply Lead - Green		HVPS - P2	VNB (Green) - P4
CRT G2 Supply Lead - Blue		HVPS - P2	VNB (Blue) - P4
Power Harness - +5 Vdc		LVPS - P1	Back Plane - P9
Power Harness - CRT Filament		LVPS - P1	Top Mother Board - P14
Power Harness - +390V		LVPS - P1	HVPS - P2
Power Harness - Main Power Inputs		LVPS - P1	Top Mother Board - P15
Power Harness - Power Supply		HVPS - P2	Back Plane - P5
CRT High Voltage Anode Lead - Red	part of CRT assembly	H.V. Splitter	CRT Anode Cap - Red
CRT High Voltage Anode Lead - Grn	part of CRT assembly	H.V. Splitter	CRT Anode Cap - Green
CRT High Voltage Anode Lead - Blue	part of CRT assembly	H.V. Splitter	CRT Anode Cap - Blue
High Voltage Anode Lead	part of HVPS	HVPS - anode lead	H.V. Splitter - Input
Horizontal Deflection Cable - Red	part of deflection yoke	Deflection Yoke (Red)	HDM - P2
Horizontal Deflection Cable - Green	part of deflection yoke	Deflection Yoke (Green)	HDM - P4
Horizontal Deflection Cable - Blue	part of deflection yoke	Deflection Yoke (Blue)	HDM - P5
Internal Fans Cable	34-001289-01P	Fan Housing Assembly	Top Mother Board - Fan 1
Internal Keypad Cable	part of keypad	Keypad	Back Plane - P3
IR Sensor Cable	part of IR assembly	IR Sensor	Back Plane - P2
Static Focus Cable - Red	part of focus magnet	Focus Coil (Red)	FCM - P101
Static Focus Cable - Green	part of focus magnet	Focus Coil (Green)	FCM - P201
Static Focus Cable - Blue	part of focus magnet	Focus Coil (Blue)	FCM - P301
Vertical Deflection Cable - Red	part of deflection yoke	Deflection Yoke (Red)	VDM - P5
Vertical Deflection Cable - Green	part of deflection yoke	Deflection Yoke (Green)	VDM - P6
Vertical Deflection Cable - Blue	part of deflection yoke	Deflection Yoke (Blue)	VDM - P7
Video Cable - Red	34-001275-01P	VIM - J8	VNB (Red) - J1
Video Cable - Green	34-001275-02P	VIM - J7	VNB (Green) - J1
Video Cable - Blue	34-001275-03P	VIM - J6	VNB (Blue) - J1
VNB Power Harness - Red	34-001269-01P	Top Mother Board - P11	VNB (Red) - P1
VNB Power Harness - Green	34-001269-01P	Top Mother Board - P12	VNB (Green) - P1
VNB Power Harness - Blue	34-001269-01P	Top Mother Board - P13	VNB (Blue) - P1

