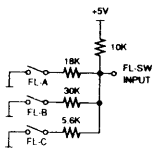
SYSTEM CONTROL TIMING CHART

POSITION	FL-A	FL-B	FL-C	FL-SW INPUT VOLTAGE	MARK
CASSETTE LOAD	OFF	OFF	OFF	4.5V ~ 5.0V	a
EJECT (CASSETTE OUT)	OFF	ON	OFF	3.5V ~ 3.9V	b
TAPE LOADING/FL-A ON	ON	OFF	OFF	3.0V ~ 3.4V	c
EJECT/CASSETTE INSERT	ON	ON	OFF	2.4V ~ 2.9V	d
CASSETTE IN	OFF	OFF	ON	0V ~ 2.1V	e



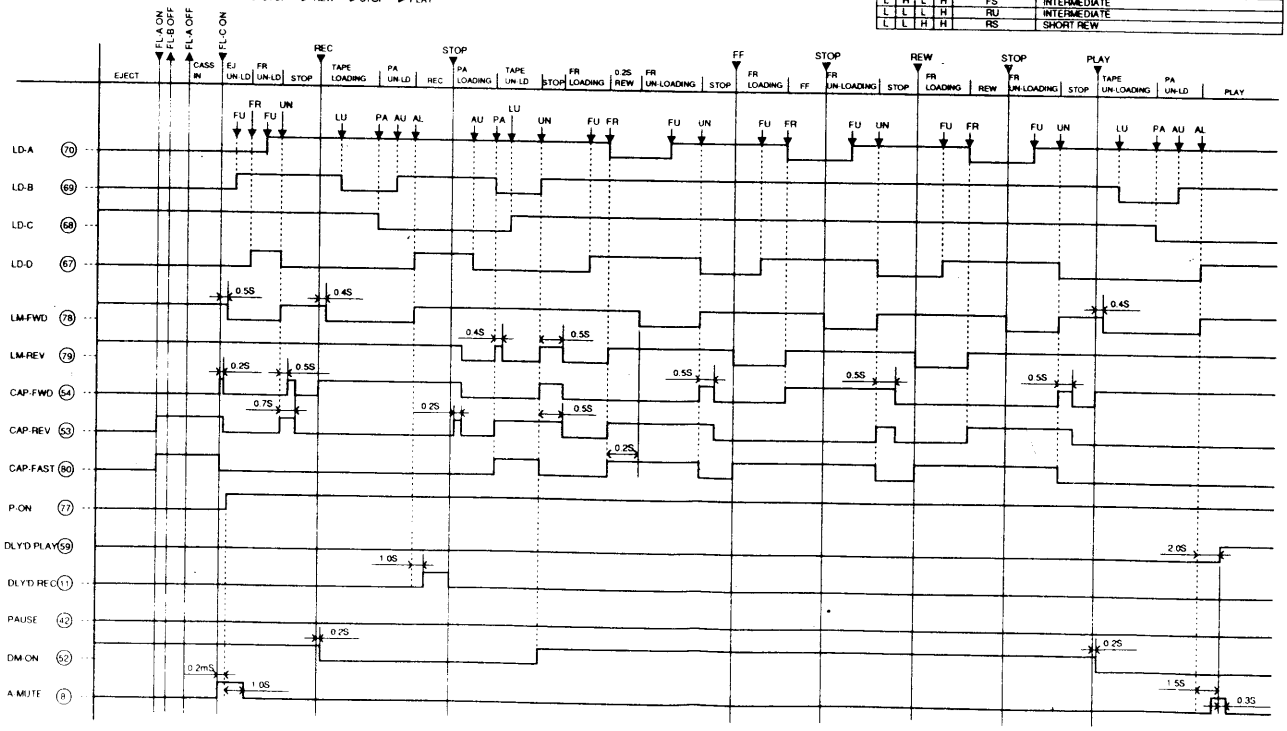
FRONT LOADING SWITCH

FL-A ON	CASSETTE IN DETECT
FL-B ON	CASSETTE UP DETECT
FL-C ON	CASSETTE DOWN DETECT

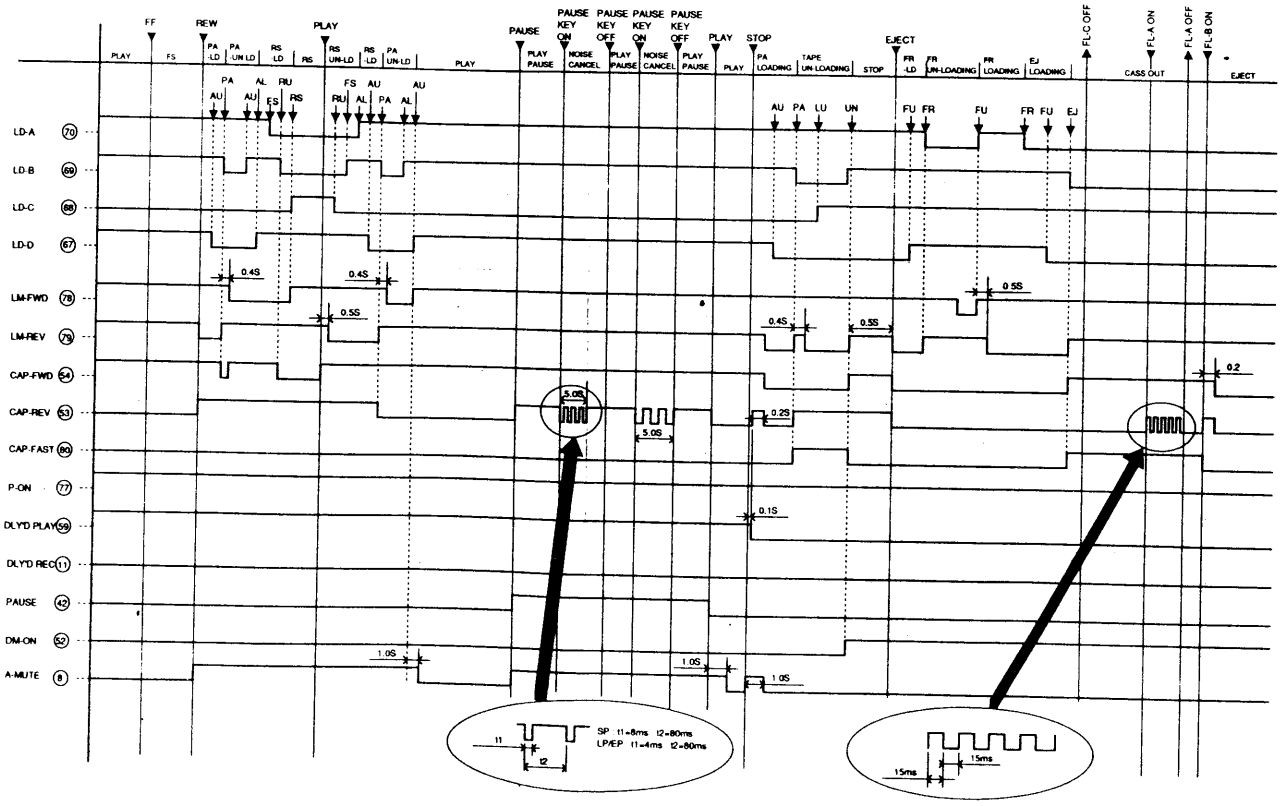
TAPE LOADING SWITCH H=1 L=0

LD-SW A	B	C	D	SYMBOL	POSITION
L	L	H	L	EJ	CASSETTE LOADING EJECT
L	H	H	L	EU	INTERMEDIATE
L	H	H	H	FR	FF REW
H	H	H	H	FU	INTERMEDIATE
H	H	H	L	UN	STOP 2 (POWER OFF POSITION)
H	L	H	L	LU	TAPE LOAING
H	L	L	L	ST	STOP 1 (QUICK START POSITION1 GEAR CHANGE)
H	H	L	L	AU	INTERMEDIATE
H	H	L	H	AL	PLAY REC PAUSE
L	H	L	H	FS	INTERMEDIATE
L	L	L	H	RU	INTERMEDIATE
L	L	H	H	RS	SHORT REW

1. OFF → CASS IN → REC → STOP → FF → STOP → REW → STOP → PLAY



2. PLAY → FF(FS) → REW(RS) → PLAY → PAUSE → NOISE CANCEL → PLAY → STOP → EJECT



WIRING DIAGRAM [VCR]

VIDEO IN

AUDIO

ANTENNA