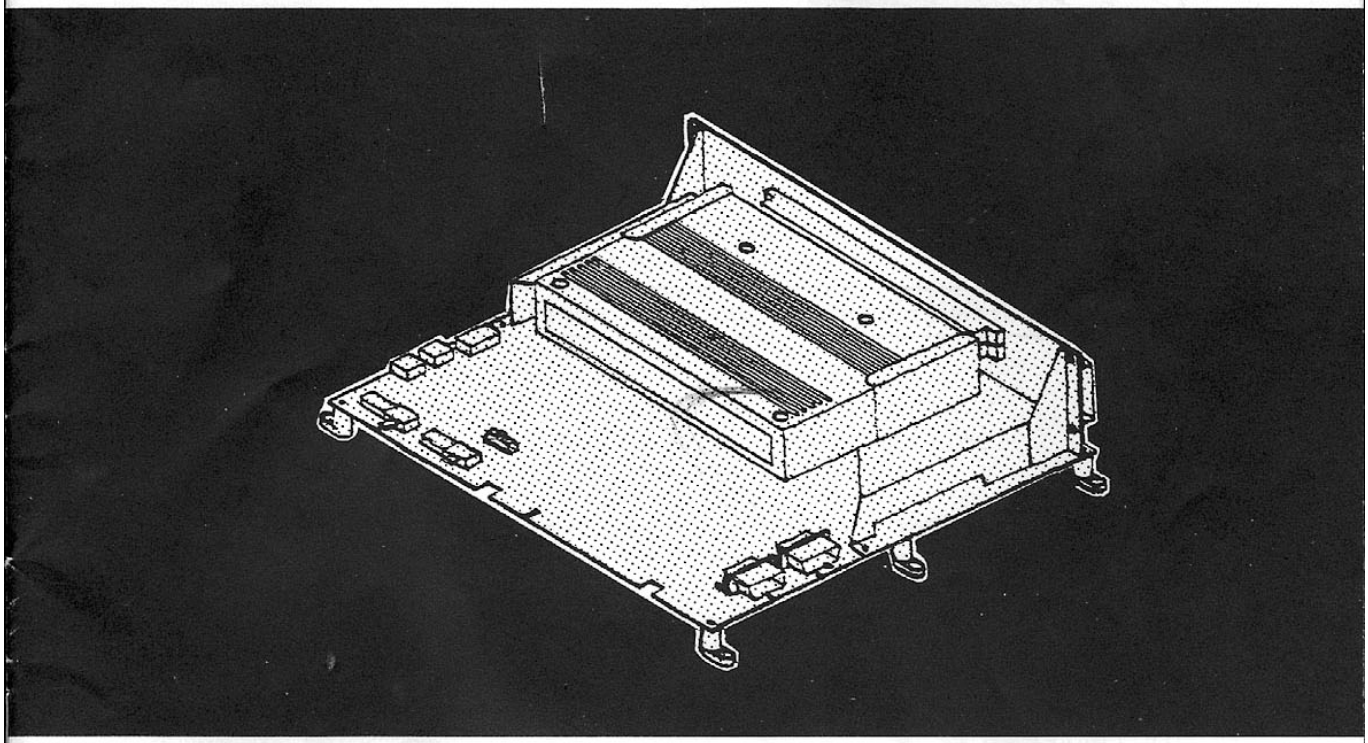
NEO·GEO®

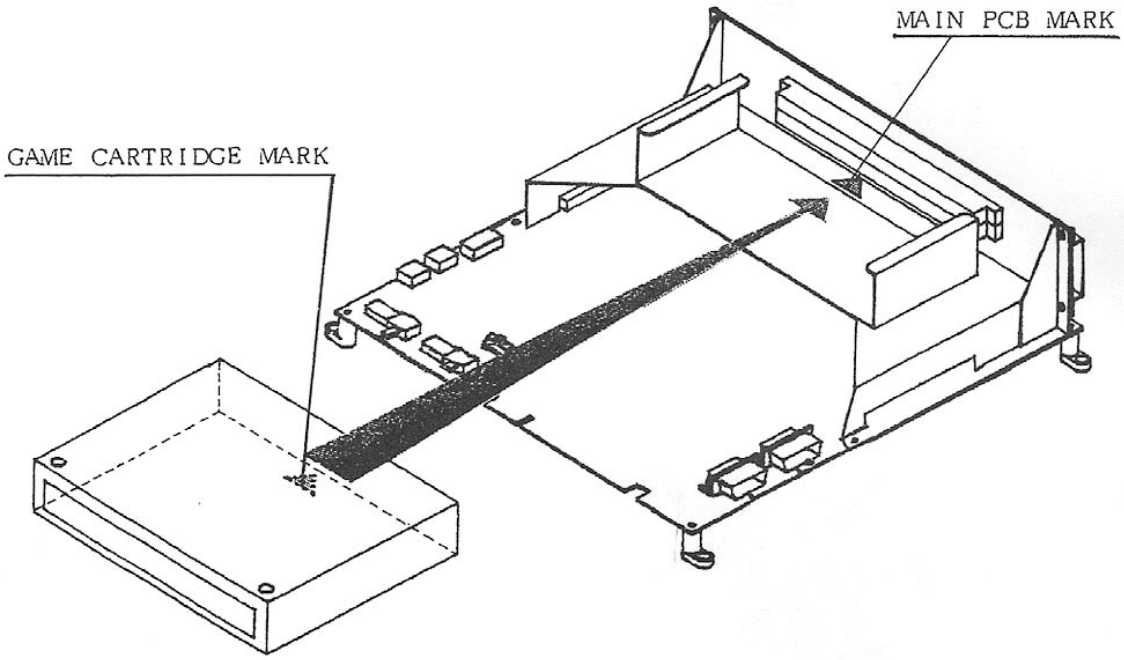
SERVICE
MANUAL
MV-1F



SNK

○WARNING

1) Make sure the game cartridge is installed with the markings matching the main board.



Mark on cassette should be down side when inserted.

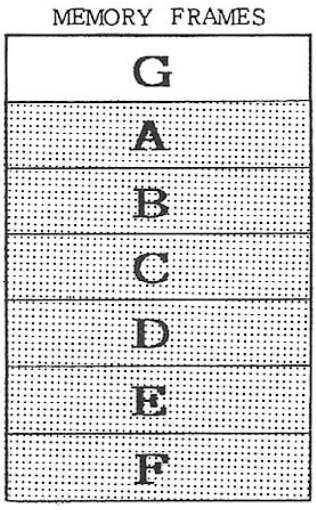
2) Make sure the power is off when you insert or remove the cartridge. Make sure the cartridge is firmly inserted in the slot or it will not work properly.

3) Do not put any electric conductive materials on or in the slots.

4) Do not insert any other cartridge than the MVS cartridge with the 240 pin connector
The NEO GEO Rental System cartridge will not fit on this connector!

5) MVS preserves the income data of max 8 games even the power is off or the game cartridges are removed from PCB.

For example: 6 cartridges has been used, A,B,C,D,E, & F on the MVS. If new game title G is used, the data for A,B,C,D,E, & F will still remain.



○SOUND OUT PUT

•In case of monaural cabinet (one speaker)

Connect to the 56 pins edge connector.
Put "MONO/STEREO" SWITCH into monaural position.

•In case of stereo cabinet (two speakers)

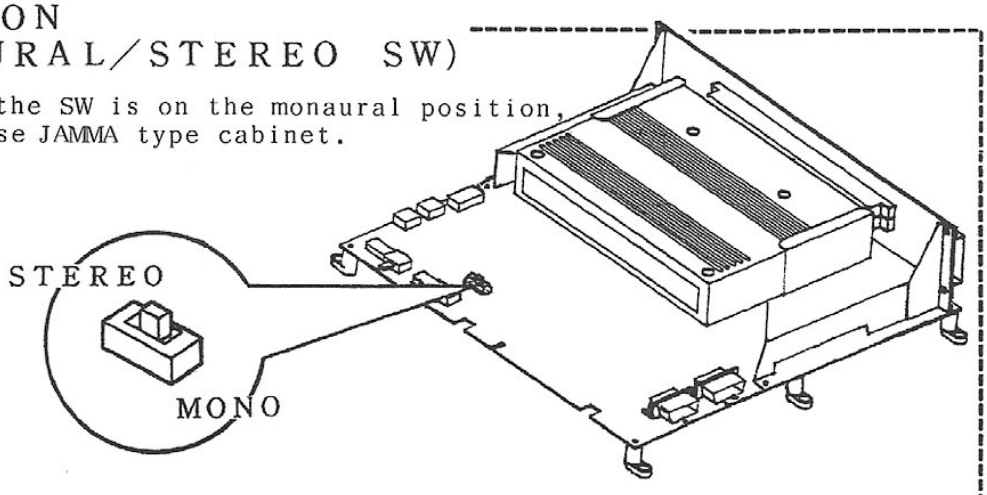
Connect to the 4 pin connector (CN2) of speaker out put on the P.C.B.

Put "MONO/STEREO SWITCH" into stereo position.

(Note)
Don't connect stereo and monaural speaker at same time.

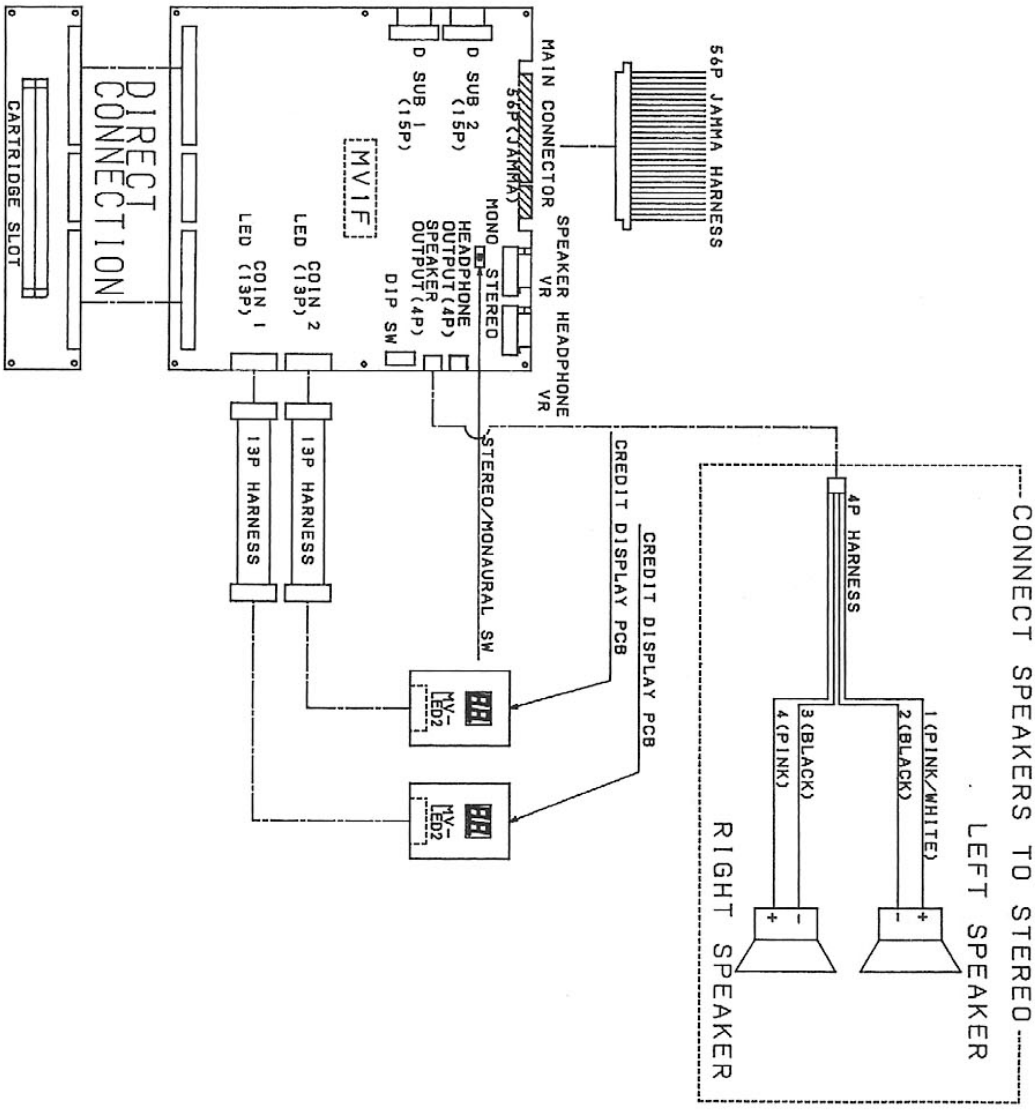
○CAUTION (MONAURAL/STEREO SW)

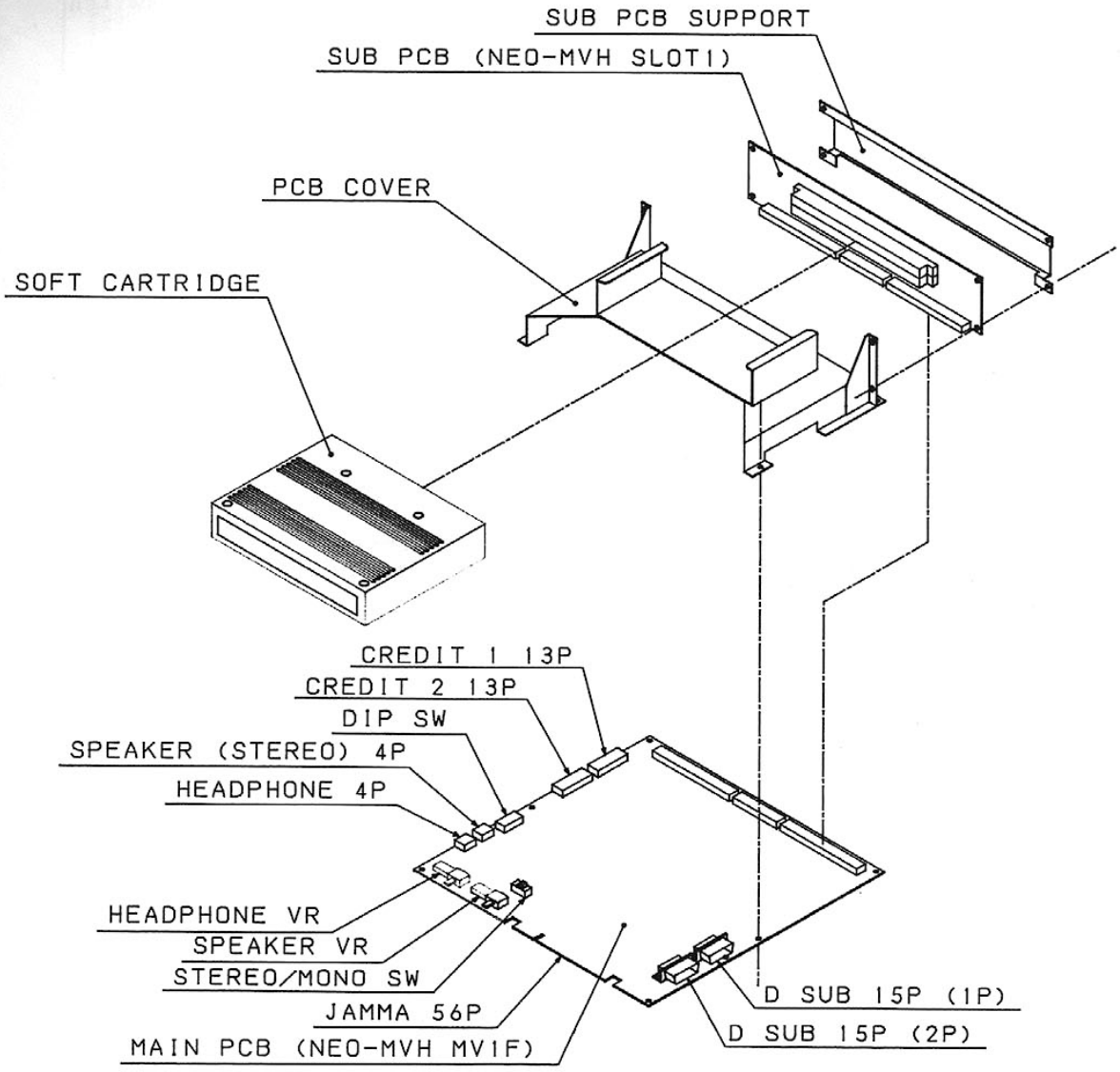
Make sure the SW is on the monaural position, when you use JAMMA type cabinet.



Note) It may cause trouble on P.C.B. by miss-setting.

○P. C. B. COMPONENT




SUB PCB SUPPORT
SUB PCB (NEO-MVH SLOT1)
PCB COVER
SOFT CARTRIDGE
CREDIT 1 13P
CREDIT 2 13P
DIP SW
SPEAKER (STEREO) 4P
HEADPHONE 4P
HEADPHONE VR
SPEAKER VR
STEREO/MONO SW
JAMMA 56P
MAIN PCB (NEO-MVH MV1F)
D SUB 15P (1P)
D SUB 15P (2P)

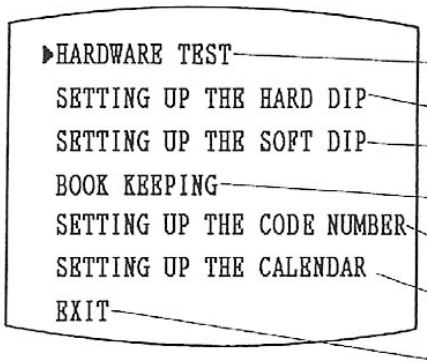
○MODE SETTING

The MVS (Multi Video System) enables the dip settings to appear on the monitor instead of the dipswitch settings on conventional pcbs. It allows you to obtain collection information, game times, etc. The following are the directions on how to operate and choose settings:

How to operate: After turning the power on, press the test switch inside the cabinet.

☞ Move the cursor to your selection with the joystick and press "A"button.

MAIN MENU



; Cabinet switches, monitor adjustments, color tests, EL board tests, etc.

; Main pcb dip switch display.

; Coinage Settings, difficulty levels, etc. for each software titles.

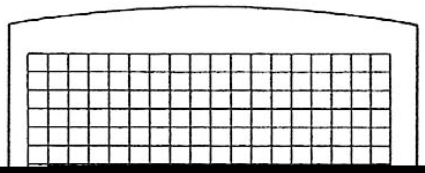
; Cabinet coins, cabinet plays, plays for each software title.

; Setting up the memory card & code number for collection purposes.

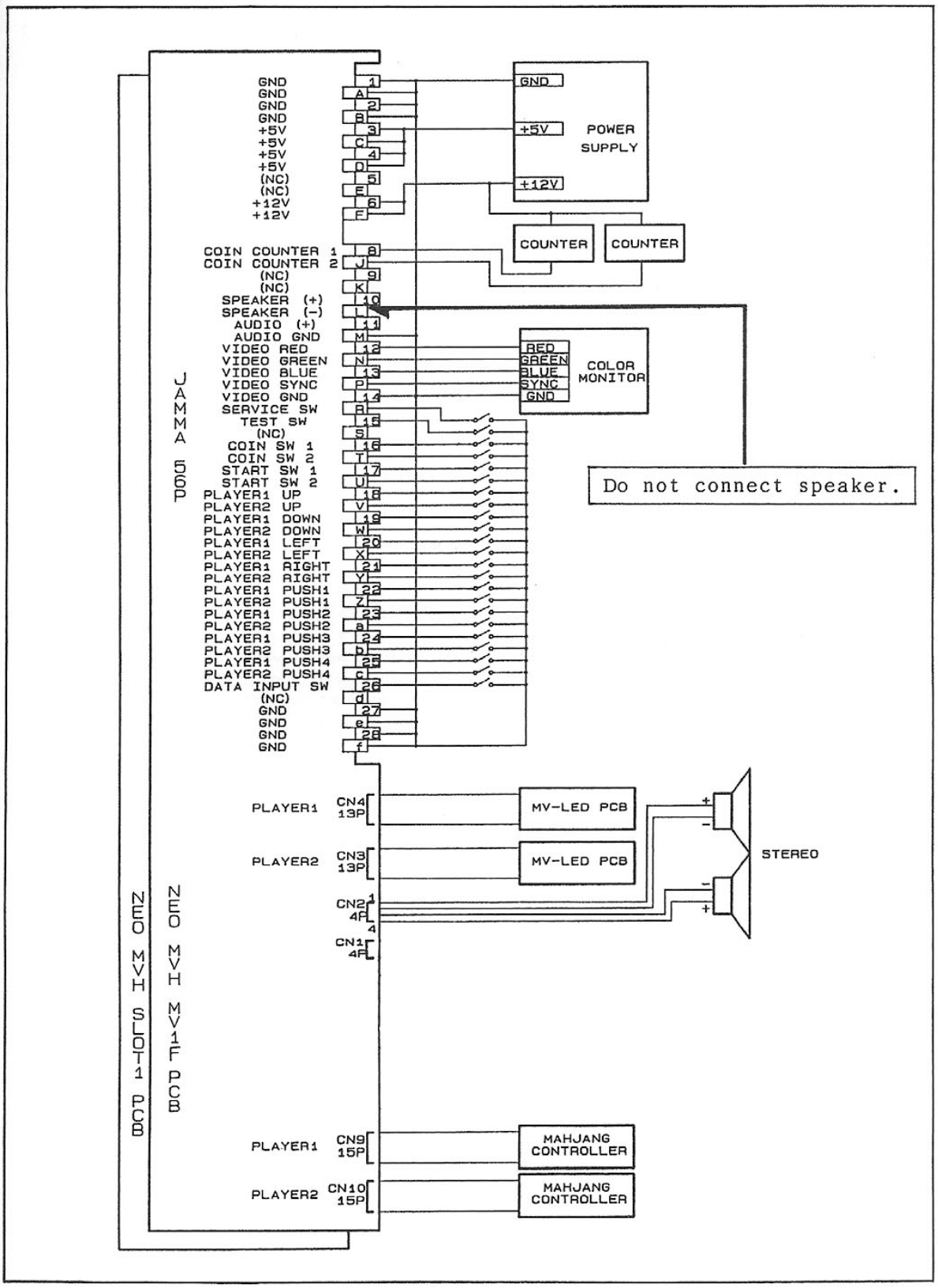
; Setting up the time & date on the cabinet.

; Return to the game screen after completion of soft dip settings.

HARDWARE TEST



○WIRING DIAGRAM (STEREO)



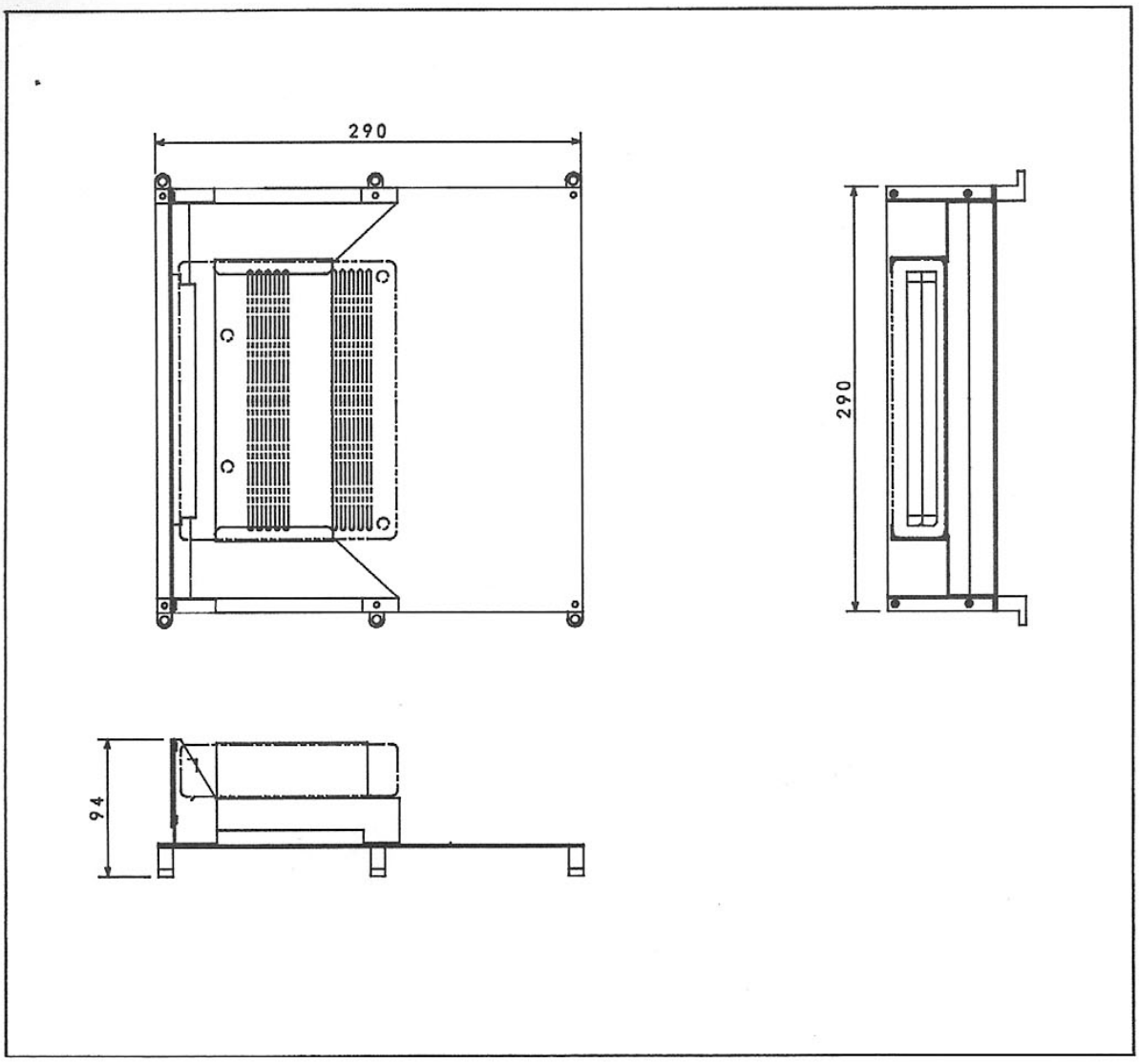
Set the switch on PCB on stereo position.

○MV1F MAIN HARNESS

SOLDER SIDE	PIN #		PART SIDE
GND	A	1	GND
GND	B	2	GND
+5V	C	3	+5V
+5V	D	4	+5V
	E	5	
+12V	F	6	+12V
KEY	H	7	KEY
COIN COUNTER2	J	8	COIN COUNTER1
COIN LOCKOUT2	K	9	COIN LOCKOUT1
SPEAKER (-)	L	10	SPEAKER (+)
AUDIO (GND)	M	11	
VIDEO GREEN	N	12	VIDEO RED
VIDEO SYNC	P	13	VIDEO BLUE
SERVICE SW	R	14	VIDEO GND
	S	15	TEST SW
COIN SW2	T	16	COIN SW1
START SW2	U	17	START SW1
2P UP	V	18	1P UP
2P DOWN	W	19	1P DOWN
2P LEFT	X	20	1P LEFT
2P RIGHT	Y	21	1P RIGHT
2P PUSH1	Z	22	1P PUSH1
2P PUSH2	a	23	1P PUSH2
2P PUSH3	b	24	1P PUSH3
2P PUSH4	c	25	1P PUSH4
	d	26	
GND	e	27	GND
GND	f	28	GND

This is for monaural setting.

○PCB DIMENSION



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