

USER GUIDE FOR MGCD MODEL B

MGCD-B is the reformed type of MGCD. With the original characteristics of MGCD, it has additional interface for DC Memory card to strengthen the system, and improve its stability. MGCD-B has the type without casing, and the DIP SW is set up directly on the P.C Board, more convenient to use.

1. GUIDE FOR DC MEMORY CARD:

For FTG, ACT, RCG and SPG games, insert the Memory Card into the DC Memory Card plug of MGCD-B P.C Board. For Gun shooting games, connect the Memory Card to C or D port of DC console with control pad.

2. 1P. 2P WIRE CONNECTION:

For FTG, DCT, RCG and SPG games, always connect the 1P wire to the DC 1 (A) port. 2P wire to 2 (B) port or (D) port or none, (depends on the games)

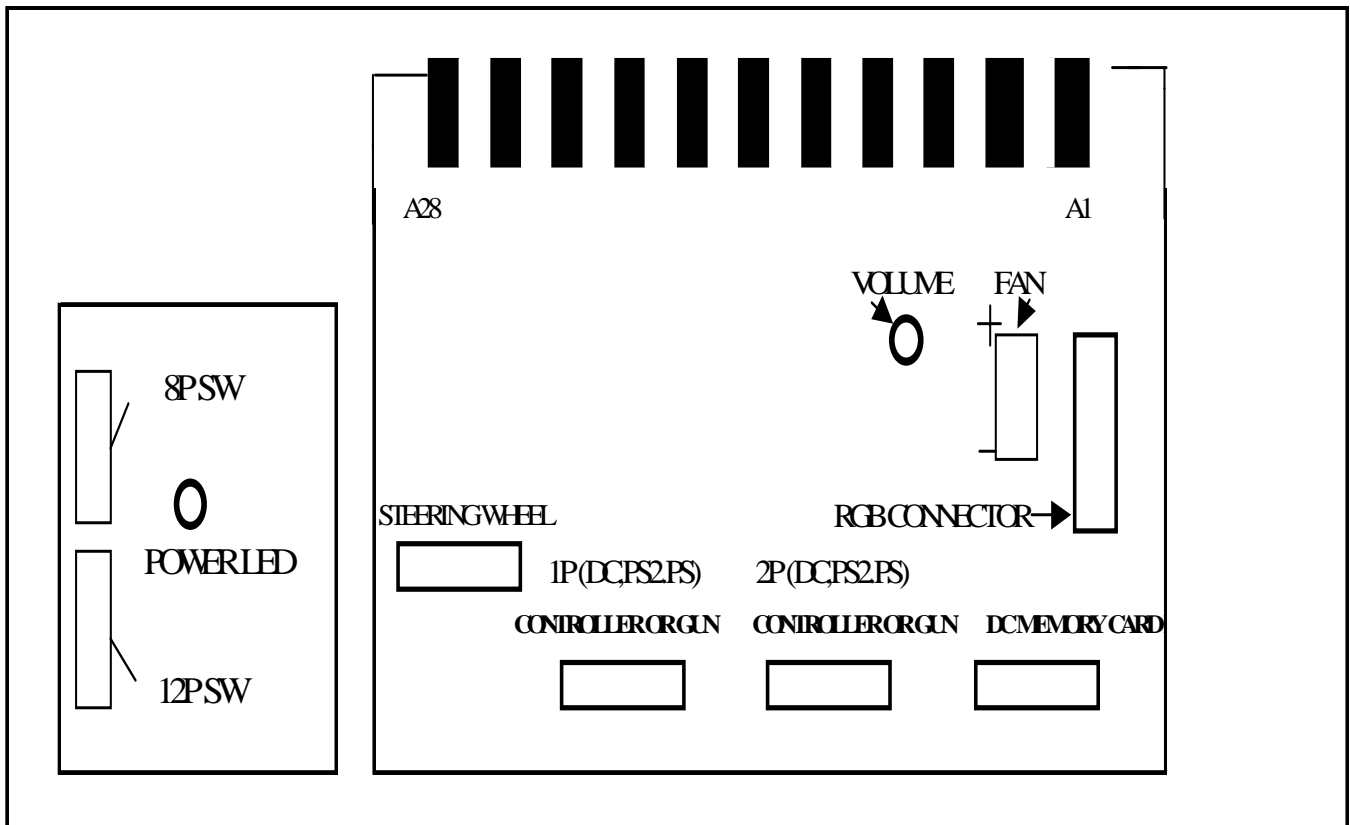
For instance: when running Virtua Tennis, connect 1P to A port, 2P to B port of the DC console, and Memory card on the MGCD-B P,C Board.

3. ATTENTIONS:

1. MGCD uses -5 voltage. When using MGCD-B, **please make sure the -5 voltage is connected to the JAMMA connector.**
2. When maintaining: all the ICs with programs on the MGCD-B are different from those on MGCD, so please never exchange to use.
3. When using PS2 or PS consoles, please take out the DC memory card.

4. OTHER OPERATION INSTRUCTIONS ARE THE SAME AS MGCD.

MGCD-B MAIN BOARD CONFIGURATION



28 PIN CONNECTOR

PART SIDE			SOLDER SIDE
GND	A1	B1	GND
GND	A2	B2	GNBD
+5V	A3	B3	+5V
+5V	A4	B4	+5V
-5V	A5	B5	
+12V	A6	B6	+12V
	A7	B7	
	A8	B8	
	A9	B9	
SOUND L	A10	B10	SOUND
AUDIO L	A11	B11	AUDIO R
RED	A12	B12	GREEN
BLUE	A13	B13	SYNC
	A14	B14	
1P PUSH 8	A15	B15	2P PUSH 8
1P COIN	A16	B16	2P COIN
1P START	A17	B17	2P START
1P UP	A18	B18	2P UP
1P DOWN	A19	B19	2P DOWN
1P LEFT	A20	B20	2P LEFT
1P RIGHT	A21	B21	2P RIGHT
1P PUSH 1	A22	B22	2P PUSH 1
1P PUSH 2	A23	B23	2P PUSH 2
1P PUSH 3	A24	B24	2P PUSH 3
1P PUSH 4	A25	B25	2P PUSH 4
1P PUSH 5	A26	B26	2P PUSH 5
1P PUSH 6	A27	B27	2P PUSH 6
1P PUSH 7	A28	B28	2P PUSH 7

HOW TO USE MGCD

1. To use, insert 110V AC power into console. Then insert hand controller of 1P and 2P with RGB cable into the MGCD connector. Turn on Console power. Caution: 1P and 2P is different do not insert wrongly.
2. For credit feature, before turn power on, push 1P start button then turn on power, monitor screen will display credit amount, when released the game can normally be played.
3. Game title setting (8 DIP switch): push titles switch to the correct location. Insert CD into console, turn on power, monitor screen display the selected title number. Yellow character SC:XX indicate DC titles, Yellow SS:XX indicate SS titles. Green Character PS:XX indicate PS titles, title number will disappear after title is started. If not, match the hand controller cable, RGB cable and CD if they are correct.
4. Feature location switch (12 DIP Switch):
 - A. Time mode setting: K3 on position is timing mode, K5-K12 is time setting switch
K5-K12 off position indicate 1 minute for a credit, K5 on position additional 1 minute, K6 on position additional 2 minutes, K7 on position additional 4 minutes, K8 on position additional 8 minutes, K9 on position additional 16 minutes, K10 on position additional 32 minutes, K11 on position additional 64 minutes, K12 on position additional 128 minutes, All K5-K12 on position 256 minutes every credit.
K3 on position, timing mode start game, insert coin, location setting under option
 - B. Credit mode setting: K4 on position, K3 off position is credit mode, when power turn on, switch automatically become menu for certain item.

DIFFICULTY SETTING			
DIFFICULTY LEVEL	K5	K6	K7
VERY EASY	OFF	OFF	OFF
DIFFICULTY ADD 1	ON	OFF	OFF
DIFFICULTY ADD 2	OFF	ON	OFF
DIFFICULTY ADD 3	ON	ON	OFF
DIFFICULTY ADD 4	OFF	OFF	ON
DIFFICULTY ADD 5	ON	OFF	ON
DIFFICULTY ADD 6	OFF	ON	ON
VERY DIFFICULT	ON	ON	ON

ROUND,LIVE,CONTINUE			
ROUND	K10	K11	K12
MINIMUM	OFF	OFF	OFF
ADD 1	ON	OFF	OFF
ADD 1	OFF	ON	OFF
ADD 1	ON	ON	OFF
ADD 1	OFF	OFF	ON
ADD 1	ON	OFF	ON
ADD 1	OFF	ON	ON
MAXIMUM	ON	ON	

CREDIT SETTING		
COINCREDIT	K1	K2
1COIN \ 1 CREDIT	OFF	OFF
2COIN \ 1 CREDIT	ON	OFF
3COIN \ 1 CREDIT	OFF	ON
4COIN \ 1 CREDIT	ON	ON

SPEED,TIME			
SPEED	TIME	K8	K9
SLOW	SHORT	OFF	OFF
NORMAL	NORMAL	ON	OFF
FAST	LONG	OFF	ON
VERY FAST	VERY LONG	ON	ON