

# ULTIMATE TENNIS

by *Art & Magic*



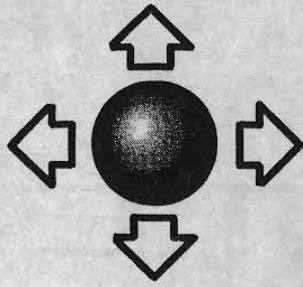
## User's manual

Version 1.0

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# Game control



Use joystick for designating the direction of movement and shooting.

## Normal shots



Hard shot



Soft shot



Lob

## Advanced shots



Top spin shot



Slice shot



Drop shot



Super volley

## Services

Hold any button for auto-serve



Lift service

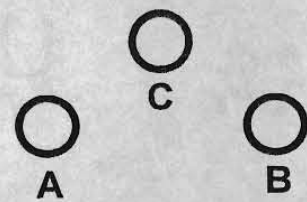


Slice service



Short service

## Buttons configuration



Triangular mode



Linear mode

# Menu system operation

Use The MAIN MENU to select test and diagnostic options in ULTIMATE TENNIS.  
 To activate the MAIN MENU, move the TEST dip-switch ON before turning the power on.  
 Move any joystick up or down to cycle through the menu options.  
 Press any button to select an option.



# How to optimize earnings

Select the NUMBER OF BALLS dip-switches to have an adequate duration for one credit :

Number of lost balls	Average duration for one credit:
5	2'30"
6 (recommended)	3'
7	3'30"
8	4'

Always turn the GAME DIFFICULTY dip-switches to EASY when you install the game for the first time. Do not begin in NORMAL or HARD modes !

Look regularly at the statistics menu.

If the quantity of won balls in level 8 is great, change GAME DIFFICULTY to NORMAL.

If the quantity of won balls in level 12 is great, change GAME DIFFICULTY to HARD.

If the quantity of won balls in level 15 is great, change GAME DIFFICULTY to VERY HARD.

## Dip-switches setting

- A**
- 1 Test mode ON/OFF\*
  - 2 Free play ON/OFF\*
  - 3 } Left counter
  - 4 }
  - 5 }
  - 6 }
  - 7 } Right counter
  - 8 }

- B**
- 1 } Game difficulty
  - 2 }
  - 3 Attract sound \*ON/OFF
  - 4 } Lost balls for one credit
  - 5 }
  - 6 Set for a match ON = 3, \*OFF = 1
  - 7 Starting score ON = 0-0, \*OFF = 4-4
  - 8 Buttons configuration ON = LINEAR, \*OFF = TRIANGULAR

### DIP SWITCH A

#### Left counter

1 coin	1 credit
1 coin	2 credits
1 coin	3 credits
1 coin	4 credits
1 coin	5 credits
1 coin	6 credits
2 coins	1 credit
4 coins	1 credit

### Switch 5

OFF
OFF
OFF
OFF
ON
ON
ON
ON

### Switch 4

OFF
OFF
ON
ON
OFF
OFF
ON
ON

### Switch 3

OFF *
ON
OFF
ON
OFF
ON
OFF
ON

### Right counter

1 coin	1 credit
2 coins	1 credit
3 coins	1 credit
4 coins	1 credit
5 coins	1 credit
6 coins	1 credit
1 coin	2 credits
1 coin	4 credits

### Switch 8

OFF
OFF
OFF
OFF
ON
ON
ON
ON

### Switch 7

OFF
OFF
ON
ON
OFF
OFF
ON
ON

### Switch 6

OFF *
ON
OFF
ON
OFF
ON
OFF
ON

### DIP SWITCH B

#### Game difficulty

Easy
Normal
Hard
Very Hard

### Switch 2

OFF
OFF
ON
ON

### Switch 1

OFF
ON *
OFF
ON

#### Ball for one credit

1 credit	5 balls
1 credit	6 balls
1 credit	7 balls
1 credit	8 balls

### Switch 5

OFF
OFF
ON
ON

### Switch 4

OFF
ON *
OFF
ON

\* Factory setting

# Jamma connector

	Component Side	Solder Side
Pin	Function	Function
1	Ground	Ground
2	Ground	Ground
3	+5 Volts DC	+5 Volts DC
4	+5Volts DC	+5 Volts DC
5		
6	+12 Volts DC	+12 Volts DC
7	Key	Key
8	Coin Counter 1	Coin Counter 2
9	(Coin Lock Out 1)	(Coin Lock Out 2)
10	Speaker (+)	Speaker (-)
11		
12	Video Red	Video Green
13	Video Blue	Video Sync
14	Video Ground	(Service Switch)
15	(Test Switch)	
16	P1 Coin	P2 Coin
17	P1 Start	P2 Start
18	P1 Up	P2 UP
19	P1 Down	P2 Down
20	P1 Left	P2 Left
21	P1 Right	P2 Right
22	P1 Push 1	P2 Push 1
23	P1 Push 2	P2 Push 2
24	P1 Push 3	P3 Push 3
25		
26		
27	Ground	Ground
28	Ground	Ground



# ULTIMATE TENNIS

## Werde zum Tennis-Profi der Nation

Gespielt wird nach den internationalen Tennisregeln: Dir stehen 6 Länder mit der jeweiligen Spielvertretung zur Auswahl.  
Spiele an einem der originalen Schauplätze (London, New York, Paris, Sydney) der Tenniswelt auf den dazugehörigen Belägen (Gras, Asphalt, Sand, Teppich).  
Tastenkombination: Taste 1: "harter" Schlag Taste 2: "weicher" Schlag Taste 3: Lob  
Taste 1+3: Top-Spin Tasten 2+3: Slice-Schlag Tasten 1+2: schneller hoher Schlag  
Alle 3 Tasten: Super Volly Taste 2: Slice-Aufschlag Taste 3 "kurzer" Aufschlag  
Taste 1: Lift-Aufschlag  
Den Flug des Balles kannst du mit dem Joystick beeinflussen.

Aufschlagmöglichkeiten: