

SEGA SYSTEM 16/24 PINOUT | INFO SHEET

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COMPATIBLE GAMES

SEGA System 16

Action Fighter	Heavy Weight Champ
Alex Kidd : The Lost Stars	M.V.P.
Alien Syndrome	Passing Shot / Center Court ²
Altered Beast / Jyuohki	Riot City
Aurail	Ryu Kyu
Bay Route	SDI / Defense
Body Slam / Dump Matsumoto	Shinobi
Bullet	Sonic Boom
Charon	Sukeban Jansi Ryuko
Cotton	Super League
Dunk Shot ¹	Tetris
Dynamite Dux	Time Scanner
E-Swat	Toryumon
Excite League	Tough Turf
Fantasy Zone	Wonder Boy III : Monster Lair
Flash Point	Wrestle War
Golden Axe	

¹ Uses a unique pinout for the controls. Requires an optical trackball.

² Uses a unique pinout for the controls.

SEGA System 24 ³

Bonanza Bros
Crack Down
Dynamic Country Club
Gain Ground
Hot Rod
Hot Rod Turbo
Jumbo Ozaki Super Masters / Super Masters Golf
Quiz Ghost Hunter
Quiz Magical Brain
Quiz Mekurumeku Story
Quiz Rouka ni Tattenasai
Quiz Syukudai wo Wasuremashita / Quiz My Homework
Rough Racer
Scramble Spirits
Tokoro San no MahMahjan
Tokoro San no MahMahjan 2

³ SEGA System 24 games requires a monitor that supports a 24khz video signal.

Certain SEGA System 24 games also had a hardware revision supporting the JAMMA standard.

SEGA SYSTEM 16/24			
Solder Side	PIN #		Parts Side
GROUND	A	1	GROUND
GROUND	B	2	GROUND
+5 VOLTS	C	3	+5 VOLTS
+5 VOLTS	D	4	+5 VOLTS
+12 VOLTS	E	5	+12 VOLTS
COIN METER 2	F	6	COIN METER 1
KEY / NOT USED	H	7	KEY / NOT USED
2P BUTTON 3	J	8	1P BUTTON 3
2P BUTTON 2	K	9	1P BUTTON 2
2P BUTTON 1	L	10	1P BUTTON 1
NOT USED	M	11	NOT USED
2P DOWN	N	12	1P DOWN
2P UP	P	13	1P UP
2P RIGHT	R	14	1P RIGHT
2P LEFT	S	15	1P LEFT
NOT USED	T	16	NOT USED
NOT USED	U	17	NOT USED
NOT USED	V	18	NOT USED
NOT USED	W	19	NOT USED
1P START	X	20	COIN SWITCH 1
2P START	Y	21	COIN SWITCH 2
NOT USED	Z	22	TEST SWITCH
NOT USED	A	23	SERVICE SWITCH
SPEAKER (-)	B	24	SPEAKER (+)
VIDEO GREEN	C	25	VIDEO RED
VIDEO SYNC	D	26	VIDEO BLUE
GROUND	E	27	GROUND
GROUND	F	28	GROUND

POWER SUPPLY REQUIREMENTS

Current rating (Amps) | Minimum

System	Voltage	Current (Amps)
SEGA System 16A	+5 VOLTS	
	+12 VOLTS	
SEGA System 16B	+5 VOLTS	6 Amps
	+12 VOLTS	2 Amps
SEGA System 24	+5 VOLTS	
	+12 VOLTS	