



User Manual

I.PC Configuration

Mainboard: Gigabyte H81

CPU: Intel G1840

RAM: 4GB

Graphics Card:NVIDIA GT730 ,DDR5,1GB

SSD:120 GB

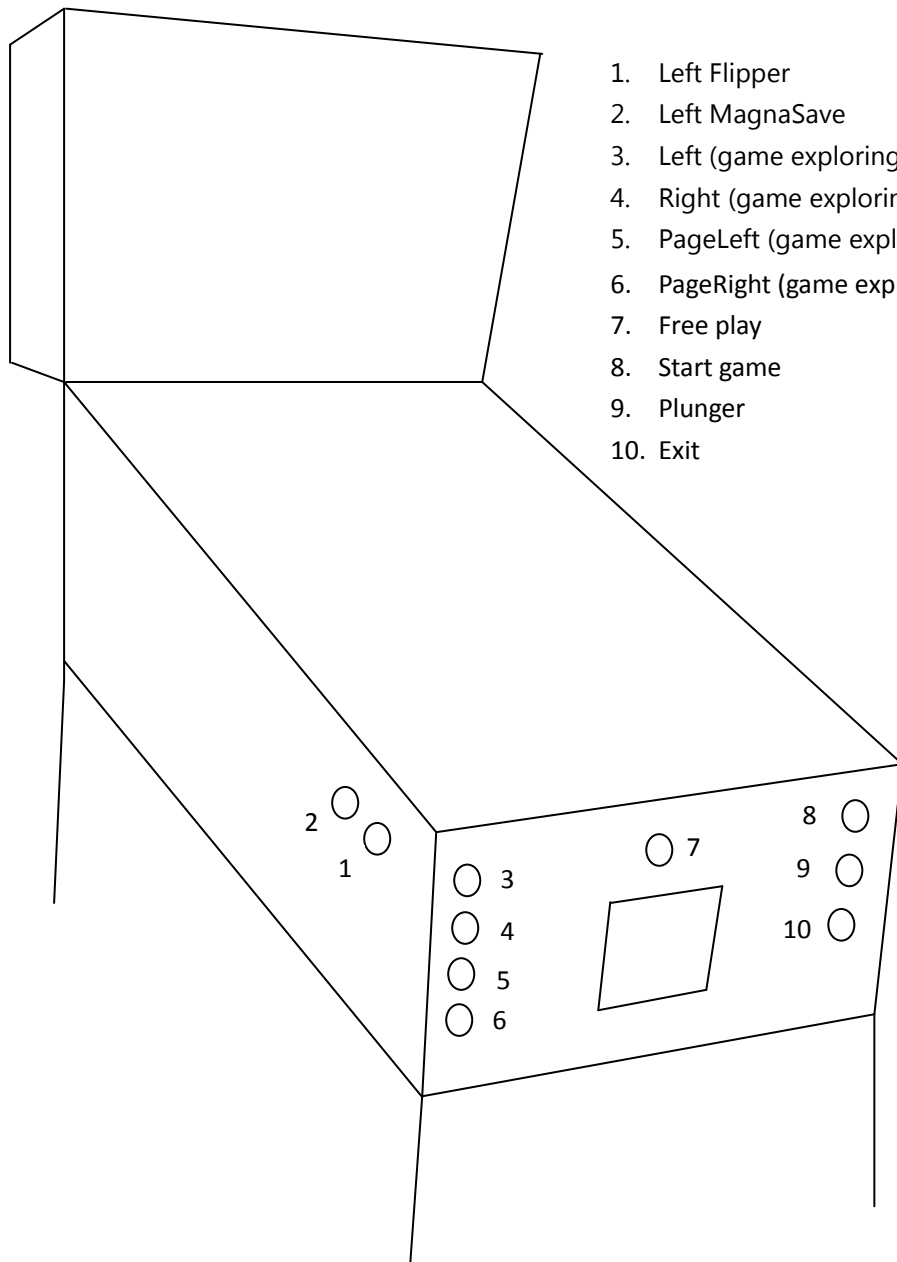
II.Monitor Requirement

1.Playfield monitor:1920*1080 (optimum resolution),connect to DVI of graphics card

2.Backglass monitor: 1366*768 (optimum resolution),connect to VGI of graphics card

3.DMD monitor:640*480 (Minimum resolution) ,connect to VGI of mainboard

III.Buttons Layout



IV. These games release the ball by RMagnaSave ,LMagnaSave or LeftTilt key after starting.

No.	GameName	No.	GameName
1	Ali Baba (Gottlieb 1948)	17	Frolics (Bally 1952)
2	Alpine Club (Williams 1965)	18	Golden Arrow (Gottlieb 1977)
3	Ballyhoo (Bally 1969)	19	Happy Days (Gottlieb 1952)
4	Bank A Ball (Gottlieb 1965)	20	KC Jones (Gottlieb 1949)
5	Big Casino (Gottlieb 1961)	21	Lightning Ball (Gottlieb 1959)
6	Big Daddy (Williams 1963)	22	Mermaid (Gottlieb 1951)
7	Big Top (Gottlieb 1964)	23	Mystic Marvel (Gottlieb 1954)
8	Broadway (Bally 1952)	24	Palisades (Williams 1953)
9	Buccaneer (Gottlieb 1948)	25	Queen of Hearts (Gottlieb 1952)
10	Buckaroo (Gottlieb 1965)	26	Silver (Gottlieb 1957)
11	Casino (Williams 1958)	27	Spitfire (Williams 1954)
12	Chinatown (Gottlieb 1952)	28	TeleCard (Gottlieb 1949)
13	Crosstown (Gottlieb 1966)	29	Ten Spot (Williams 1961)
14	De-Icer (Williams 1949)	30	Three Coins (Williams 1962)
15	Dragonette (Gottlieb 1954)	31	Three Deuces (Williams 1955)
16	FotoFinish (Gottlieb 1961)	32	Twin Bill (Gottlieb 1955)

V. Games List

No.	Game Name	No.	Game Name	No.	Game Name
1	2001 (Gottlieb 1971)	28	Al's Garage Band Goes On World Tour (Alivin G. 1992)	55	Bad Brains (Other 2013)
2	24 (Stern 2009)	29	Amazing Spiderman (Gottlieb 1980)	56	Bad Cats (Williams 1989)
3	250cc (Inder 1992)	30	Amazon Hunt (Gottlieb 1983)	57	Bad Girls (Gottlieb 1988)
4	4 Roses (Williams 1962)	31	America 1492 (Juegos Populares 1986)	58	Ballyhoo (Bally 1969)
5	4 Square (Gottlieb 1971)	32	Amigo (Bally 1973)	59	Bank A Ball (Gottlieb 1965)
6	Aaron Spelling (Data East 1992)	33	Andromeda (GamePlan 1985)	60	Banzai Run (Williams 1988)
7	Abra Ca Dabra (Gottlieb 1975)	34	Antar (Playmatic 1979)	61	Barb Wire (Gottlieb 1996)
8	ACDC (Stern 2012)	35	Apollo (Williams 1967)	62	Barbarella (Talleres of Llobregat 1972)
9	ACDC Pro - PM5 (Stern 2012)	36	Apollo 13 (Sega 1995)	63	Barracora (Williams 1981)
10	ACDC Pro (Stern 2012)	37	Aquarius (Gottlieb 1970)	64	Baseball (Gottlieb 1970)
11	Addams Family Golden (Williams 1994)	38	Arabian Knights (Gottlieb 1953)	65	Basketball (Idsa 1986)
12	Adventures of Rocky and Bullwinkle and Friends (Data East 1993)	39	Arena (Premier 1987)	66	Batman (Data East 1991)
13	Agents 777 (GamePlan 1984)	40	Argosy (Williams 1974)	67	Batman Dark Knight (Stern 2008)
14	Air Aces (Bally 1975)	41	Asteroid Annie (Gottlieb 1980)	68	Batman Forever (Sega 1995)
15	Airborne (Capcom 1996)	42	Atlantis (Bally 1989)	69	Baywatch (Sega 1995)
16	Airborne Avenger (Atari 1977)	43	Atlantis (Gottlieb 1975)	70	Beat The Clock (Bally 1985)
17	Airport (Gottlieb 1969)	44	Atomic Arcade (Tomy 1979)	71	Beat Time - DOF (Williams 1967)
18	Aladdin's Castle (Bally 1976)	45	Attack (Playmatic 1980)	72	Bell Ringer (Gottlieb 1990)
19	Alaska (Interflip 1978)	46	Attack and Revenge From Mars (Bally 1999)	73	Berzerk - The Pinball Game (Other 2015)
20	Algar (Williams 1980)	47	Attack From Mars (Bally 1999)	74	Big Bang Bar (Capcom 1995)
21	Ali (Stern 1980)	48	Attila The Hun (Gameplan 1984)	75	Big Brave (Gottlieb 1974)
22	Ali Baba (Gottlieb 1948)	49	Austin Powers (Stern 2001)	76	Big Buck Hunter Pro (Stern 2009)
23	Alien Poker (Williams 1980)	50	Avatar (Stern 2010)	77	Big Casino (Gottlieb 1961)
24	Alien Star (Gottlieb 1984)	51	Avengers (Stern 2012)	78	Big Daddy (Williams 1963)
25	Alle Neune (NSM 1976)	52	Avro Arrow Redux (Bally 1979)	79	Big Game (Stern 1980)
26	Alley Cats (Williams 1985)	53	Aztec (Williams 1976)	80	Big Guns (Williams 1987)
27	Alpine Club (Williams 1965)	54	Back to the Future (Data East 1990)	81	Big Hit (Gottlieb 1976)

No.	Game Name	No.	Game Name	No.	Game Name
82	Big House (Premier 1989)	128	Camelot (Bally 1969)	174	Cyclone (Williams 1988)
83	Big Hurt (Premier 1995)	129	Canada Dry (Gottlieb 1976)	175	Cyclopes (Gameplan 1985)
84	Big Top (Gottlieb 1964)	130	Canasta 86 (Inder 1986)	176	Dale Jr (Stern 2007)
85	Big Top (Wico 1977)	131	Capersville (Bally 1966)	177	Dark Rider (Geiger 1984)
86	Big Town (Playmatic 1978)	132	Captain Fantastic (Bally 1977)	178	Deadly Weapon (Gottlieb 1990)
87	Big Valley (Bally 1970)	133	Captain Hook (GamePlan 1985)	179	Dealers Choice (Williams 1974)
88	Black Belt - Bally (Bally 1986)	134	Car Hop (Gottlieb 1991)	180	Def Leppard (OG 2102)
89	Black Belt -Zaccaria (Zaccaria 1986)	135	Caribbean Cruise (International Concepts 1989)	181	Defender (Williams 1982)
90	Black Gold (Williams 1975)	136	Casino (Williams 1958)	182	De-Icer (Williams 1949)
91	Black Hole - Mod (Gottlieb 1981)	137	Catacomb (Stern 1981)	183	Demolition Man (Williams 1994)
92	Black Hole (Gottlieb 1981)	138	Cavaleiro Negro (Taito 1981)	184	Devil King (Technoplay 1987)
93	Black Jack (Bally 1977)	139	Caveman (Gottlieb 1982)	185	Devil Riders - PM5 (Zaccaria 1984)
94	Black Knight (Williams 1980)	140	Centaur (Bally 1981)	186	Devil's Dare (Gottlieb 1982)
95	Black Knight 2000 (Williams 1989)	141	Centigrade 37 (Gottlieb 1977)	187	Diamond Lady (Premier 1988)
96	Black Pyramid (Bally 1984)	142	Central Park (Gottlieb 1966)	188	Diner (Williams 1990)
97	Black Rose - Night Mod (Bally 1992)	143	Champion Pub (Bally 1998)	189	Dipsy Doodle (Williams 1970)
98	Black Rose (Bally 1992)	144	Charlies Angels (Gottlieb 1978)	190	Dirty Harry (Williams 1995)
99	Black Sabbath 70s (Other 2012)	145	Checkpoint (Data East 1991)	191	Disco Fever (Williams 1978)
100	Black Sabbath 80s (Other 2012)	146	Cherry Bell (Other 1978)	192	Distant World (Other 2005)
101	Black Sheep Squadron (Astro 1979)	147	Chicago Cubs Triple Play (Premier 1985)	193	Doctor Who (Bally 1992)
102	Black Velvet (GamePlan 1978)	148	Chief Shuffle Alley Bowler (United 1953)	194	Domino (Gottlieb 1968)
103	Blackout (Williams 1980)	149	Chinatown (Gottlieb 1952)	195	Double Barrel (Williams 1961)
104	Blackwater 100 (Bally 1988)	150	Circus (Gottlieb 1980)	196	Dr Dude - Night Mod (Midway 1990)
105	Blue Chip (Williams 1976)	151	Cirque Voltaire (Bally 1997)	197	Dr Dude (Midway 1990)
106	Blue Note (Gottlieb 1979)	152	Class of 1812 (Premier 1991)	198	Dragon (Gottlieb 1978)
107	BMX (Bally 1982)	153	Cleopatra (Gottlieb 1977)	199	Dragon (Interflip 1977)
108	Bone Busters (Gottlieb 1989)	154	Close Encounters of the Third Kind (Gottlieb 1978)	200	Dragon Fist (Stern 1982)
109	Boomerang (Bally 1974)	155	Clown (Zaccaria 1985)	201	Dragonette (Gottlieb 1954)
110	Bow And Arrow (Bally 1974)	156	Comet (Williams 1985)	202	Drakor (Taito 1979)
111	Bram Stokers Dracula (Williams 1993)	157	Conan (Rowamet Brasil 1983)	203	Drink Absolut (Other 2015)
112	Brave Team (Inder 1985)	158	Concorde (EMAGAR 1975)	204	Drop A Card (Gottlieb 1971)
113	Break (Video Dens 1986)	159	Congo (Williams 1995)	205	Dungeons and Dragons - Night Mod (Bally 1987)
114	Breakshot (Capcom 1996)	160	Contact (Williams 1978)	206	Dungeons and Dragons (Bally 1987)
115	Bride Of Pinbot (Williams 1991)	161	Continental Cafe (Gottlieb 1957)	207	Earth Wind Fire (Zaccaria 1981)
116	Broadway (Bally 1952)	162	Corvette (Bally 1994)	208	Earthshaker (Williams 1989)
117	Bronco (Chicago Coin 1963)	163	Cosmic Gunfight (Williams 1982)	209	Eclipse (Gottlieb 1982)
118	Bronco (Gottlieb 1977)	164	Cosmic Princess (Stern 1979)	210	Eight Ball (Bally 1977)
119	BroncoBuster (starman 2013)	165	Counterforce (Gottlieb 1980)	211	Eight Ball Deluxe (Bally 1981)
120	Buccaneer (Gottlieb 1948)	166	Cowboy Eight Ball (LTD 1981)	212	El Dorado City of Gold (Gottlieb 1975)
121	Buccaneer (Gottlieb 1976)	167	Cowboys And Indians (Gottlieb 1975)	213	Elektra (Bally 1981)
122	Buck Rogers (Gottlieb 1980)	168	Creature from the Black Lagoon (Bally 1992)	214	Elvira and the Party Monsters (Bally 1995)
123	Buckaroo (Gottlieb 1965)	169	Crescendo (Gottlieb 1970)	215	Elvis (Stern 2004)
124	Bullseye (Bally 1986)	170	Crosstown (Gottlieb 1966)	216	Embryon (Bally 1980)
125	Bushido (Inder 1993)	171	CSI - PM5 (Stern 2008)	217	Escape (Royal 1987)
126	Cactus Canyon (Midway 1998)	172	CueBall Wizard (Premiere 1992)	218	Escape from the Lost World (Bally 1987)
127	Cactus Jack's (Premier 1991)	173	Cybernaut (Bally 1985)	219	Evel Knievel (Bally 1977)

No.	Game Name	No.	Game Name	No.	Game Name
220	Evil Fight (Playmatic 1980)	266	FP Mad Max	312	Grand Prix (Stern 2005)
221	Excalibur (Gottlieb 1988)	267	FP Masters Of The Universe 2.5	313	Grand Slam (Bally 1983)
222	F-14 Tomcat - Night Mod (Williams 1987)	268	FP Medieval Madness 2.6	314	Grateful Dead (Original 2013)
223	F-14 Tomcat (Williams 1987)	269	FP Metal Slug V2.0	315	Gridiron (Gottlieb 1977)
224	Faces (Sonic 1976)	270	FP Robots Invasion	316	Groovy (Gottlieb 1970)
225	Faeton (Juegos Populares 1985)	271	FP SpeedDevils	317	Guns and Roses (Data East 1994)
226	Family Guy (Stern 2007)	272	FP Spy vs. Spy 6.26	318	Gusher (Williams 1958)
227	Far Out (Gottlieb 1974)	273	FP The Dark Knight	319	Halley Comet (Juegos Populares 1986)
228	Farfalla (Zaccaria 1983)	274	FP The Walking Dead S3	320	Hang Glider (Bally 1976)
229	Fast Draw - PM5 (Gottlieb 1975)	275	Frankenstein (Sega 1995)	321	Happy Days (Gottlieb 1952)
230	Fast Draw (Gottlieb 1975)	276	Freddy A Nightmare On Elm Street (Premiere 1994)	322	Hardbody (Bally 1987)
231	Fathom (Bally 1981)	277	Free Fall (Gottlieb 1974)	323	Harlem Globetrotters (Bally 1979)
232	Fire Mountain (Zaccaria 1980)	278	Freedom (Bally 1976)	324	Harley Davidson (Bally 1991)
233	Fire! (Williams 1987)	279	Freefall (Stern 1981)	325	Harley Davidson (Stern 1999)
234	Fireball (Bally 1972)	280	Frolics (Bally 1952)	326	Haunted House (Gottlieb 1982)
235	Firecracker (Bally 1971)	281	Frontier (Bally 1980)	327	Haunted Mansion (Macepin 2011)
236	FirePower (Williams 1980)	282	Full (Recreativos Franco 1977)	328	Hawkman (Taito 1983)
237	Firepower II (Williams 1982)	283	Funhouse (Williams 1990)	329	Hearts and Spades (Gottlieb 1969)
238	Fish Tales (Williams 1992)	284	Funland (Gottlieb 1968)	330	Heavy Metal (Rowamet 1982)
239	Flame of Athens (Allied Leisure 1978)	285	Furie (Williams 1981)	331	Heavy Metal Meltdown (Bally 1987)
240	Flash (Williams 1979)	286	Future Queen (Bell 1987)	332	Hercules (Atari 1979)
241	Flash Gordon (Bally 1981)	287	Future Spa (Bally 1979)	333	High Hand (Gottlieb 1973)
242	Flash3179 (Williams 1992)	288	Future World (Zaccaria 1978)	334	High Roller Casino (Stern 2001)
243	Flicker (Bally 1974)	289	Galaxy (Stern 1980)	335	High Speed (Williams 1986)
244	Flight 2000 (Stern 1980)	290	Gamatron (Pinstar 1985)	336	Hokus Pokus (Bally 1976)
245	Flip A Card (Gottlieb 1970)	291	Game Show (Bally 1990)	337	Hollywood Heat (Premier 1986)
246	FlipFlop (Bally 1974)	292	Games, The (Gottlieb 1983)	338	Honey (Williams 1972)
247	Flipper Football (Capcom 1996)	293	Gator (Bally 1969)	339	Hook (Data East 1992)
248	Fly High (Geiger 1985)	294	Geisha (Playmatic 1973)	340	Hoops (Gottlieb 1991)
249	Flying Carpet (Gottlieb 1972)	295	Genesis (Premier 1986)	341	Hot Doggin' (Bally 1980)
250	Flying Turns (Midway 1964)	296	Genie (Gottlieb 1979)	342	Hot Hand (Stern 1979)
251	Force II (Gottlieb 1981)	297	Getaway - High Speed 2 (Williams 1992)	343	Hot Line (Willams 1966)
252	FotoFinish (Gottlieb 1961)	298	Ghostbusters (Other 2010)	344	Hot Shot (Gottlieb 1973)
253	Four Million B.C. (Bally 1970)	299	Gilligans Island (Midway 1991)	345	Hot Tip (Williams 1977)
254	Foxy Lady (GamePlan 1979)	300	Gladiators (Premier 1993)	346	Hot Wheels (Zaccaria 1979)
255	FP 3ANGELS	301	Global Warfare (Gameplan 1981)	347	Howzat (Hankin 1980)
256	FP 5thElement	302	Godzilla (Sega 1998)	348	Hulk (Other 2011)
257	FP Billion Dollar Game Show	303	Goin' Nuts (Gottlieb 1983)	349	Hurricane (Williams 1991)
258	FP Bond 50	304	Gold Ball (Bally 1983)	350	Hyperball (Williams 1981)
259	FP Bubble Bobble 1.0	305	Gold Mine (Williams 1988)	351	Ice Cold Beer (Taito 1983)
260	FP Dead Hunters	306	Gold Wings (Gottlieb 1986)	352	Ice Fever (Gottlieb 1985)
261	FP Frozen	307	Golden Arrow (Gottlieb 1977)	353	Impacto (Recreativos Franco 1975)
262	FP Game Of Thrones	308	Goldeneye (Sega 1996)	354	Independence Day (Sega 1996)
263	FP GREMLINS	309	Gorgar (Williams 1979)	355	Indiana Jones (Stern 2008)
264	FP JAWS	310	Gork (Taito 1983)	356	Indianapolis 500 (Midway 1995)
265	FP Junkyard Cats Zed	311	Grand Lizard (Williams 1986)	357	Insane Clown Posse (Other 2013)

No.	Game Name	No.	Game Name	No.	Game Name
358	Iron Balls (Stargame 1987)	404	Lightning Ball (Gottlieb 1959)	450	Mopar Madness (Other 2015)
359	Iron Maiden (Stern 1981)	405	Lights...Camera...Action (Gottlieb 1989)	451	Motor Show (Mr.Game 1989)
360	Iron Man (Stern 2010)	406	Line Drive (Williams 1972)	452	Motor dome (Bally 1986)
361	Jack-Bot (Williams 1995)	407	Linkin Park (Other 2013)	453	Moulin Rouge (Williams 1965)
362	Jacks Open (Gottlieb 1977)	408	Little Chief (Williams 1975)	454	Mousin' Around (Bally 1989)
363	Jacks to Open (Gottlieb 1984)	409	Little Joe (Bally 1971)	455	Movie Masters (IDI 1978)
364	James Bond 007 (Gottlieb 1980)	410	Lord Of The Rings (Stern 2003)	456	Mr. and Mrs. Pacman (Bally 1982)
365	Jet Spin (Gottlieb 1977)	411	Lost In Space (Sega 1998)	457	Mustang (Gottlieb 1977)
366	Jigglebox (Starman 2004)	412	Lost World (Bally 1978)	458	Mustang Pro (Stern 2014)
367	Johnny Mnemonic (Williams 1995)	413	Lucky Ace (Williams 1974)	459	Mystery Castle - PM5 (Alvin G 1993)
368	Joker Poker (Gottlieb 1978)	414	Lucky Seven (Williams 1978)	460	Mystic (Bally 1980)
369	Jokerz! - Night Mod (Williams 1988)	415	Lunelle (Taito 1981)	461	Mystic Marvel (Gottlieb 1954)
370	Jokerz! (Williams 1988)	416	Mad Race (Playmatic 1985)	462	Mystic Star (Zaccaria 1986)
371	Jolly Park (Spinball 1996)	417	Magic (Stern 1979)	463	Nascar (Stern 2005)
372	Judge Dredd (Bally 1993)	418	Magic Castle (Zaccaria 1984)	464	Nautilus (Playmatic 1984)
373	Jumaci (Jumanci 1957)	419	Magic Eight Ball (Geiger 1977)	465	NBA (Stern 2009)
374	Jumping Jack (Gottlieb 1973)	420	Magnetron (Gottlieb 1974)	466	NBA Fastbreak (Bally 1997)
375	Jungle (Gottlieb 1972)	421	Majestic (Gottlieb 1957)	467	Nemesis (Peyper 1986)
376	Jungle Lord (Williams 1981)	422	Mario Andretti (Gottlieb 1995)	468	New Stars Phoenix(Zaccaria 1987)
377	Jungle Queen (Gottlieb 1977)	423	Mars Attacks (Other 2013)	469	New Wave (Bell Games 1985)
378	Junk Yard (Williams 1996)	424	Mars God of War (Gottlieb 1981)	470	New York (Gottlieb 1976)
379	Jurassic Park (Data East 1993)	425	Mars Trek (Sonic 1977)	471	NFL (Stern 2001)
380	Jurassic Park 2 The Lost World (Sega 1997)	426	Masquerade (Gottlieb 1966)	472	Night Rider (Bally 1976)
381	KC Jones (Gottlieb 1949)	427	Mata Hari (Bally 1978)	473	Nine Ball (Stern 1980)
382	Key West (Bally 1956)	428	Mata Hari Mod (Bally 1978)	474	Nip-It (Bally 1973)
383	King of Diamonds (Gottlieb 1967)	429	Maverick (Data East 1994)	475	Nitro Ground Shaker (Bally 1980)
384	King Pin (Gottlieb 1973)	430	Medieval Madness - Night Mod (Williams 1997)	476	No Fear-Dangerous Sports (Williams 1995)
385	King Rock (Gottlieb 1972)	431	Medieval Madness (Williams 1997)	477	No Good Gofers (Williams 1997)
386	King Tut (Bally 1969)	432	Medusa (Bally 1981)	478	Nova (starman 2012)
387	Kings and Queens (Gottlieb 1965)	433	Memory Lane (Stern 1978)	479	Nugent (Stern 1978)
388	Kings of steel (Bally 1984)	434	Mephisto (Stargame 1987)	480	Oba Oba (Taito 1978)
389	KISS (Bally 1979)	435	Mermaid (Gottlieb 1951)	481	Odin Deluxe (Sonic 1985)
390	Krull (Gottlieb 1983)	436	Metal Man (Inder 1992)	482	Odisea Paris Dakar (Peyper 1987)
391	Kuwait (Maresa 1973)	437	Metallica (Williams 1988)	483	Old Chicago (Bally 1975)
392	La Retata (Geiger 1992)	438	Metallica Pro - PM5 (Stern 2013)	484	Olympics (Gottlieb 1962)
393	Lady Death (Geiger 1983)	439	Meteor (Stern 1979)	485	Operation Thunder (Gottlieb 1992)
394	Lady Luck (Recel 1976)	440	MIBS (Gottlieb 1969)	486	Orbit (Gottlieb 1971)
395	Lap by Lap (Inder 1986)	441	Middle Earth (Atari 1978)	487	Orbit 1 (Hankin 1978)
396	Laser Ball (Williams 1979)	442	Millionaire (Williams 1987)	488	Orbitor 1 (Stern 1982)
397	Laser Cue (Williams 1984)	443	Mini Cycle (Gottlieb 1970)	489	Outer Space (Gottlieb 1972)
398	Laser War (Data East 1990)	444	Miss Universo (Inder 1972)	490	OXO - PM5 (Williams 1973)
399	Last Action Hero (Data East 1994)	445	Miss World (Geiger 1985)	491	OXO (Williams 1973)
400	Lectronamo (Stern 1978)	446	Monday Night Football (Data East 1989)	492	Palisades (Williams 1953)
401	Lethal Weapon 3 (Data East 1992)	447	Monopoly (Stern 2001)	493	Panthera - Night Mod (Gottlieb 1980)
402	L'Hexagone (Christian Automatic 1986)	448	Monster Bash (Williams 1998)	494	Panthera (Gottlieb 1980)
403	Lightning (Stern 1981)	449	Monte Carlo (Premier 1987)	495	Panthera 5.01 (Gottlieb 1980)

No.	Game Name	No.	Game Name	No.	Game Name
496	Papa Smurf 1.1.0 (Other 2015)	542	Rat Fink (Other 2015)	588	Seahawks NFL - Night Mod (Stern 2001)
497	Paradise (Gottlieb 1965)	543	Raven (Premier 1986)	589	Seawitch (Stern 1980)
498	Paragon (Bally 1979)	544	RAVINE (Other 2012)	590	Seawolf (Williams 1959)
499	Party (Playmatic 1979)	545	Ready...Aim...Fire! (Gottlieb 1983)	591	Secret Service (Data East 1988)
500	Party Animal (Bally 1987)	546	Real (GamePlan 1979)	592	SeeSaw (Bally 1970)
501	Party Nation (Other 2013)	547	Red and Ted's Road Show (Williams 1994)	593	Sexy Girl (Bell Games 1979)
502	Pennant Fever (Williams 1984)	548	Red Dwarf (Crapola 2012)	594	Shangri-La (Williams 1967)
503	Pentacup (Micropin 1979)	549	Rescue 911 (Gottlieb 1994)	595	Shaq Attaq (Gottlieb 1995)
504	Petaco (Juegos Populares 1984)	550	Ripley's Believe It or Not (Stern 2004)	596	Shark - Hankin (Hankin 1980)
505	Petaco 2 (Juegos Populares 1985)	551	Riverboat Gambler (Williams 1990)	597	Shark - Taito (Taito 1982)
506	Pharaoh (Williams 1981)	552	Road Kings (Williams 1986)	598	Sharkey's Shootout (Stern 2000)
507	Phoenix (Williams 1978)	553	Road Runner (Atari 1979)	599	Sharpshooter (GamePlan 1979)
508	Pinball (Stern 1977)	554	Robocop (Data East 1990)	600	Sharpshooter II (Gameplan 1983)
509	Pinball Champ (Zaccaria 1982)	555	Robot (Zaccaria 1985)	601	Sheriff (Gottlieb 1971)
510	Pinball Champ 82 (Zaccaria 1982)	556	Robo-War (Premier 1988)	602	Shooting The Rapids (Zaccaria 1979)
511	Pinball Lizard (Gameplan 1980)	557	Rock (Premier 1985)	603	Showtime (Chicago Coin 1974)
512	Pinball Magic (Capcom 1995)	558	Rock 2500 (Playmatic 1985)	604	Shrek (Stern 2008)
513	Pinball Pool (Gottlieb 1979)	559	Rock On (Allied Leisure 1975)	605	Silver (Gottlieb 1957)
514	Pinbot (Williams 1986)	560	Rocket III (Bally 1967)	606	Silver Slugger (Gottlieb 1990)
515	Pink Panther (Gottlieb 1981)	561	Rockmakers (Bally 1968)	607	Silverball Mania (Bally 1980)
516	Pioneer (Gottlieb 1976)	562	Rocky (Gottlieb 1982)	608	Sinbad (Gottlieb 1978)
517	Pirates - Wolves of the Sea (JPSalas 2012)	563	Rogo (Bally 1974)	609	Sing Along (Gottlieb 1967)
518	Pirates Of the Caribbean (Stern 2006)	564	Roller Coaster (Gottlieb 1971)	610	Skateball (Bally 1980)
519	Pistol Poker (Alvin G. 1993)	565	Roller Coaster Tycoon (Stern 2002)	611	Ski Jump (Zaccaria 1977)
520	Playboy (Bally 1978)	566	Roller Disco - Night Mod (Gottlieb 1980)	612	SKRILLEX (Other 2012)
521	Playboy (Stern 2002)	567	Roller Disco (Gottlieb 1980)	613	Sky Jump (Gottlieb 1974)
522	Playboy 35th Anniversary (Data East 1989)	568	Rollergames (Williams 1990)	614	Sky Kings (Bally 1973)
523	Pokerino (Williams 1978)	569	Rolling Stones (Bally 1979)	615	SkyLine (Gottlieb 1965)
524	Pole Position (Sonic 1987)	570	Rolling Stones 2 (Other 2010)	616	Skyrocket (Bally 1970)
525	Police Force (Williams 1989)	571	Rotation VIII (Midway 1978)	617	SkyWay (Williams 1954)
526	Pool Champion (Zaccaria 1985)	572	Royal Flush (Gottlieb 1976)	618	Slick Chick (Gottlieb 1963)
527	Pool Sharks (Bally 1990)	573	Royal Flush Deluxe (Gottlieb 1983)	619	Snake Machine (Taito 1981)
528	Popeye Saves the Earth(Midway 1994)	574	Royal Flush Supreme (Gottlieb 1983)	620	Snow Derby (Gottlieb 1970)
529	Power Play (Bally 1977)	575	Rugby (Other 2013)	621	Soccer Kings (Zaccaria 1982)
530	Preview (Gottlieb 1962)	576	RUSH (Other 2112)	622	Solar Fire (Williams 1981)
531	Pro Pool (Gottlieb 1973)	577	Ryans Pumpkin Carving (Other 2014)	623	Solar Ride (Gottlieb 1979)
532	Prospector (Sonic 1977)	578	Safe Cracker (Bally 1996)	624	Solar Wars (Sonic 1986)
533	Punk (Gottlieb 1982)	579	Satin Doll (Williams 1975)	625	Sopranos (Stern 2005)
534	Q-Bert's Quest (Gottlieb 1983)	580	Saturn 2 (Bell 1985)	626	Sorcerer (Williams 1985)
535	Queen of Hearts (Gottlieb 1952)	581	Scared Stiff (Williams 1996)	627	Sorcerer Physics Mod (Williams 1985)
536	Quicksilver (Stern 1980)	582	Scarface (Other 2011)	628	South Park (Sega 1999)
537	Rack Em Up (Gottlieb 1983)	583	Scooby Doo (Other 2012)	629	Space City (Zaccaria 1979)
538	Radical (Williams 1990)	584	Scorpion (Williams 1980)	630	Space Gambler (Playmatic 1978)
539	Rally (Taito 1980)	585	Scramble (Tecnoplay 1987)	631	Space Hawks (Bell 1986)
540	Rambo (Premier 1986)	586	Screech (Inder 1978)	632	Space Invaders (bally 1979)
541	Rapid Vienna (Other 2013)	587	Scuba (Gottlieb 1970)	633	Space Jam - PM5 (Sega 1996)

No.	Game Name	No.	Game Name	No.	Game Name
634	Space Jam (Sega 1996)	680	Strange World (Gottlieb 1978)	726	The Incredible Hulk (Gottlieb 1979)
635	Space Mission (Williams 1976)	681	Strato-Flite (Williams 1974)	727	The Moon (Other 2012)
636	Space Rider (Geiger 1980)	682	Street Fighter II (Premier 1993)	728	The Party Zone (Bally 1991)
637	Space Riders (Atari 1978)	683	Strike (Zaccaria 1978)	729	The Phantom Of The Opera (Data East 1990)
638	Space Shuttle (Williams 1984)	684	Strike Zone (Williams 1970)	730	The Shadow (Bally 1994)
639	Space Shuttle (Zaccaria 1980)	685	Strikemaster Shuffle Alley Bowler (Williams 1991)	731	The Simpsons - PM5 (Data East 1990)
640	Space Station (Williams 1987)	686	Striker (Gottlieb 1982)	732	The Simpsons (Data East 1990)
641	Space Train (MAC 1987)	687	Striker Xtreme (Stern 2000)	733	The Simpsons Pinball Party - Night Mod (Stern 2003)
642	Space1999 (Other 2012)	688	Strikes And Spares (Bally 1978)	734	The Simpsons Pinball Party (Stern 2003)
643	Speakeasy 4 (Bally 1982)	689	Strikes N' Spares (Gottlieb 1995)	735	The Six Million Dollar Man - Spanned (Bally 1978)
644	Special Force (Bally 1986)	690	Super Bowl (Bell Games 1984)	736	The Six Million Dollar Man V2.0 (Bally 1978)
645	Spectrum - Night Mod (Bally 1982)	691	Super Mario Bros (Premier 1992)	737	The Three Stooges (Other 2011)
646	Speed Test (Taito 1982)	692	Super Mario Bros. Mushroom World (Gottlieb 1992)	738	The Walking Dead - PM5 (Stern 2014)
647	Spiderman (Stern 2007)	693	Super Orbit (Gottlieb 1983)	739	Theatre of Magic (Midway 1995)
648	Spin A Card (Gottlieb 1969)	694	Super Soccer (Gottlieb 1975)	740	Three Coins (Williams 1962)
649	Spin Out (Gottlieb 1975)	695	Super Star (Briarwood 1976)	741	Three Deuces (Williams 1955)
650	SPirit (Gottlieb 1982)	696	Supergirl (Other 2010)	742	Thunderball (Williams 1982)
651	Spirit Of 76 (Gottlieb 1975)	697	Superman - HQ (Atari 1979)	743	Thunderbolt (Allied Leisure 1977)
652	Spitfire (Williams 1954)	698	Superman (Atari 1979)	744	Tiger Rag (Bell Games 1984)
653	Split Second (Stern 1981)	699	Superman vs Ali (Stern 1980)	745	Time 2000 (Atari 1977)
654	Spooky (Zaccaria 1987)	700	Supernova (Gameplan 1986)	746	Time Fantasy (Williams 1983)
655	Spring Break (Premier 1987)	701	SureShot (Gottlieb 1976)	747	Time Line (Gottlieb 1980)
656	Spy Hunter (Bally 1984)	702	Surf 'N Safari (Premier 1991)	748	Time Machine (Data East 1988)
657	Stalker RippleY (Other 2011)	703	Surfer (Gottlieb 1976)	749	Time Machine (Zaccaria 1983)
658	Star Fire (Playmatic 1985)	704	Swords of Fury (Williams 1988)	750	Time Warp (Williams 1979)
659	Star Gazer (Stern 1980)	705	Tag-Team Pinball (Premier 1985)	751	Time Zone (Bally 1973)
660	Star God (Zaccaria 1980)	706	Take Five (Allied Leisure 1978)	752	Titan (Taito 1982)
661	Star Light (Williams 1984)	707	Tales from the Crypt (Data East 1993)	753	Title Fight (Gottlieb Premier 1990)
662	Star Pool (Williams 1974)	708	Tales of the Arabian Nights (Williams 1996)	754	TKO (Gottlieb 1979)
663	Star Race (Gottlieb 1980)	709	Target Alpha (Gottlieb 1976)	755	TMNT (Other 2014)
664	Star Trek (Bally 1979)	710	Taxi (Williams 1988)	756	Toledo (Williams 1975)
665	Star Trek 25th Anniversary (Data East 1992)	711	Teed Off - Night Mod (Premier 1993)	757	Tommy The Pinball Wizard (Data East 1994)
666	Star Trek Pro (stern 2013)	712	Teed Off (Premier 1993)	758	Top Dawg (Williams 1988)
667	Star Trek The Next Generation (Williams 1993)	713	Teenage Mutant Ninja Turtles (Data East 1991)	759	Top Score (Gottlieb 1975)
668	Star Trip (GamePlan 1979)	714	TeleCard (Gottlieb 1949)	760	Torch (Gottlieb 1980)
669	Star Wars - Empire Strikes Back (Hankin 1980)	715	Ten Spot (Williams 1961)	761	Torpedo Alley (Data East 1988)
670	Star Wars - Trilogy (Sega 1997)	716	Ten Strike Classic (Williams 1957)	762	TOTAN - Mod 1.1.0 (Williams 1996)
671	Star Wars (Data East 1992)	717	Terminator - Killing Machine	763	Totem (Gottlieb 1979)
672	Stargate (Gottlieb 1995)	718	Terminator 2 - Judgement Day - Chrome Edition (Williams 1991)	764	Touchdown (Premier 1984)
673	Stars (Stern 1978)	719	Terminator 2 - Judgement Day (Williams 1991)	765	Trade Winds (Williams 1962)
674	Starship Troopers (SEGA 1997)	720	Terminator 3 - Rise of the Machine (Stern 2003)	766	Trailer (Playmatic 1985)
675	Stellar Airship (Geiger 1979)	721	The Addams Family - PM5 (Bally 1992)	767	Transformers (Stern 2011)
676	Stellar Wars (Williams 1979)	722	The Addams Family (Bally 1992)	768	Transporter The Rescue (Midway 1989)
677	Stingray (Stern 1977)	723	The Beatles (Williams 1967)	769	Tri Zone (Williams 1979)
678	Straight Flush (Williams 1970)	724	The Entertainer (Allied Leisure 1978)	770	Trident (Stern 1979)
679	Strange Science (Bally 1986)	725	The Flintstones (Williams 1994)	771	Trigon (Other 2005)

No.	Game Name	No.	Game Name	No.	Game Name
772	Triple Strike (Williams 1975)	789	Viper Night Drivin (Sega 1998)	806	World Cup 90 (Mr Game 1990)
773	Tron (Stern 2011)	790	Volcano (Gottlieb 1981)	807	World Cup Soccer (Bally 1994)
774	Truck Stop - PM5 (Bally 1988)	791	Volley (Gottlieb 1976)	808	World Poker Tour - PM5 (Stern 2006)
775	Twilight (Other 2012)	792	Voltan Escapes Cosmic Doom (Bally 1979)	809	Worlds Fair (Gottlieb 1962)
776	Twilight Zone - Night Mod (Bally 1993)	793	Vortex (Taito 1983)	810	Wrath of Olympus (Other 2012)
777	Twilight Zone (Bally 1993)	794	Warlok (Williams 1982)	811	WWF Royal Rumble (Data East 1994)
778	Twin Bill (Gottlieb 1955)	795	Waterworld (Gottlieb 1995)	812	Xenon (Bally 1980)
779	Twister (Sega 1996)	796	Whirlwind (Williams 1990)	813	X-Files (Sega 1997)
780	TX-Sector (Gottlieb 1988)	797	Whitewater (Williams 1993)	814	X-Men LE (Stern 2012)
781	Universe (Gottlieb 1959)	798	Who Dunnit (Bally 1995)	815	X-Men Pro (Stern 2012)
782	V.1 (IDSA 1986)	799	Wild Fyre (Stern 1978)	816	X's & O's (Bally 1984)
783	Vampire (Bally 1971)	800	Wipe Out (Gottlieb 1993)	817	Yellow Submarine (Other 2012)
784	Vector (Bally 1981)	801	Wizard! (Bally 1975)	818	Yukon Special (Williams 1971)
785	Vegas (Gottlieb 1990)	802	Wolf Man (Peyper 1987)	819	Zankor (Zaccaria 1986)
786	Victory (Premier 1987)	803	World Challenge Soccer (Gottlieb 1994)	820	Zeke's Peak (Taito 1984)
787	Viking (Bally 1979)	804	World Cup (Williams 1978)		
788	Viper (Stern 1981)	805	World Cup 78 (Williams 1978)		

VI.Pinball FX2 Games List

No.	Game Name	No.	Game Name	No.	Game Name	No.	Game Name
1	FX2 Biolab	12	FX2 Marvel-Fantastic Four	23	FX2 Marvel-X-Men	34	FX2 Star Wars-Darth Vader
2	FX2 Earth Defense	13	FX2 Marvel-Fear Itself	24	FX2 Ms. Splosion Man	35	FX2 Star Wars-Droids
3	FX2 El Dorado	14	FX2 Marvel-Ghost Rider	25	FX2 Paranormal	36	FX2 Star Wars-Han Solo
4	FX2 Epic Quest	15	FX2 Marvel-Iron Man	26	FX2 Pasha	37	FX2 SW-Masters of the Force
5	FX2 Excalibur	16	FX2 Marvel-Moon Knight	27	FX2 Plants vs. Zombies	38	FX2 SW-Return of the Jedi
6	FX2 Football	17	FX2 Marvel-Spider-Man	28	FX2 Rome	39	FX2 SW-Starfighter Assault
7	FX2 Mars	18	FX2 Marvel-The Avengers	29	FX2 Secrets of the Deep	40	FX2 SW-The Clone Wars
8	FX2 Marvel-Blade	19	FX2 Marvel-The Infinity Gauntlet	30	FX2 Shaman	41	FX2 SW-The Empire Strikes Back
9	FX2 Marvel-Captain America	20	FX2 Marvel-Thor	31	FX2 Sorcerers Lair	42	FX2 Tesla
10	FX2 Marvel-Civil War	21	FX2 Marvel-Wolverine	32	FX2 Star Wars-A New Hope	43	FX2 V12
11	FX2 Marvel-Doctor Strange	22	FX2 Marvel-World War Hulk	33	FX2 Star Wars-Boba Fett		

VII.Pinball FX2 Notes

- User must select the Football team manually in Pinball FX2 main interface when playing Football game and you can use button3,button4,button5,button6 and button8 to do it.
- User can hide Pinball FX2 by the 3 steps below.
 - Insert keyboard and mouse then turn on the machine.
 - Press “W” key several times quickly until the setup window open on the game exploring interface.
 - Check the checkbox of “Hide Pinball FX2” then click the “Save” button.

☒ Hide Pinball FX2

☐ Apply User’s DMD Config

☐ Apply User’s NVRAM

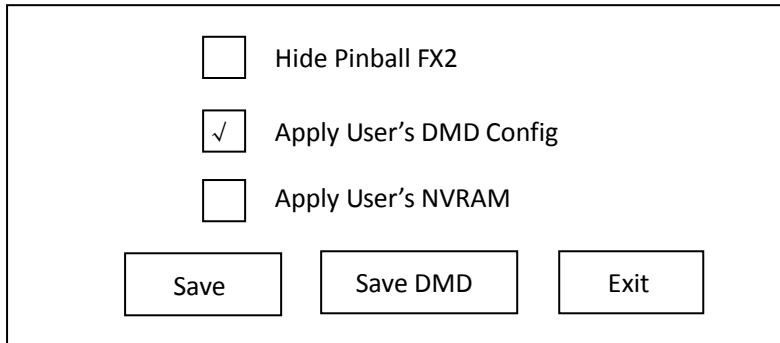
Save

Save DMD

Exit

VIII. Apply DMD Config Customized

1. Launch one game which have DMD, such as Appolo 13 (Sega 1995) and adjust the position and size of DMD by keyboard and mouse, Close the game and relaunch the game, Check the DMD whether you adjusted. If OK, close the game and return to the main interface, then Press "W" key several times quickly until the setup window open.
2. On setup window
 - a) Click "Save DMD" button to save the config of DMD.
 - b) Check the checkbox of "Effect Users's DMD Config" and Click "Save" button.
 - c) Turn off and on the machine, play the games which have the new DMD of you have defined.



☐ Hide Pinball FX2

☒ Apply User's DMD Config

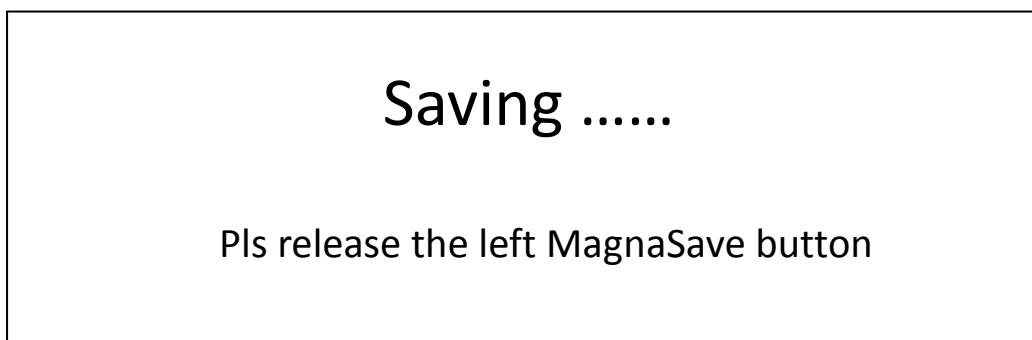
☐ Apply User's NVRAM

VIII. Save and Apply User's NVRAM

If "Apply User's NVRAM" switch is on, player can save high scores, Credits and game settings such as volume of background music, etc.

1. Press "W" key several times quickly to open setup window on the main interface, then check "Apply User's NVRAM" and click the Save button.
2. When player gets a high score or wants to save the credits for next playing, exit from game and back to the main interface, hold the **left magnaSave** button for 10 seconds, "Saving NVRAM" window will pop up automatically, after saving completed (about several seconds), system will back to the main interface automatically.

(caution: while saving, please release the left MagnaSave button)



Saving

Pls release the left MagnaSave button

3. If want to use default NVRAM, player can uncheck ""Apply User's NVRAM" ,click the "Save" button then reopen the machine (turn off machine then turn on it)