Main Board Dipswitch Set-Up Chart for use with the LaserCon "Merlin" board

(Firmware 2.0)

The purpose of this chart is to find a single dipswitch setting for the Dragon's Lair / Space Ace main board that will work with all ROM versions. You *must* fill in this chart and set your switches before starting the game.

Instructions:

Use the *included* dipswitch charts to fill in the table. (Many switches have been changed from the originals) For each revision set, fill in its row with your preferred settings.

Use pencil. Place: 1 for ON, 0 for OFF, X for "don't care / not used"

When finished, each column must have only '1's or '0's (ignore any 'X's).

Copy those settings down to "Your Final Settings", and set the dip-switches on your main board.

	A0	A1	A2	A3	A4	A5	A6	A7	B0	B 1	B2	B3	B4	B5	B6	
Dragon's Lair																
Rev. F2																
Dragon's Lair																
Enhancement 2.1																
Space Ace																
Rev. A3		, I														
Space Ace																
Enhancement 1.0																
																B7
Your Settings																

B7: ON - ROM Selection menu is enabled.

At power-on, the ROM selection screen is displayed. You may use the joystick to change the default game version. Default game starts after 10 second timer or by pressing sword.

B7: OFF - Fixed ROM set

ROM selection menu is disabled. The default game version starts immediately.

*Note: The switch banks are printed with 1-8.

The circuit board is printed with 0-7.

Ignore the incorrect numbers printed on the switch banks.

"DRAGON'S LAIR" Version-F2 DIP-Switch settings chart:

4=OFF 4=ON 4=OFF 4=ON
ON FF ON FF

"Dragon's Lair Enhancement" Version 2.1 DIP-Switch settings chart:

Α.	Attract Mode Sound Always on	
В.	Number of Coins Required for One Credit 1 · · · · · · · · · · · · · · · · · ·	
С.	Number of Lives Per Credit 3 · · · · · · · · · · · · · · · · · ·	
D.	Pay-As-You-Go	
	Pay-as-you-go disabled The game ends when won · · · · · · A6=ON, Pay-as-you-go disabled. The game starts again from the beginning when won. · · · · · · · · · · · · · · · · · · ·	
	Player must deposit 1 or 2 coins(depending on A2) to continue playing once, after 2/3 of the game is finished. The game ends when won · · · · · · · · · · · · · · · · · · ·	B5=ON, A4=ON
	Player must deposit 1 or 2 coins(depending on A2) to continue playing two times during the game, and may deposit more coin(s) to continue again from the beginning after the game is won	B5=OFF, A4=ON
	<pre>If pay-as-you-go is ON: The player receives one additional Dirk after depositing coin(s) to continue (during first game only)</pre>	B6=ON B6=OFF
	The price to continue is 1 coin · · · · · · · · · · · · · · · · · · ·	A2=ON A2=OFF

Not Used: A1, A3, A7, B3, B7

Α.	Attract Mode Sound Always on	B0=OFF,	
В.	Number of Coins Required for One Credit 1	A0=ON,	
С.	Number of Lives Per Credit 3 5 Unlimited lives for testing purposes	A5=OFF,	B2=ON B2=ON
D.	Game Difficulty Level* Difficulty will increase when a player survives 3 consecutive scenes Difficulty will increase when a player survives 5 consecutive scenes Fast Difficulty increase	B4=OFF A7=ON	
Ε.	Skill Level Selection Normal Mode (control panel skill level buttons are enabled) · · · · · · Always SPACE ACE skill level · · · · · · Always CAPTAIN skill level · · · · · · · Always CADET skill level · · · · · · ·	B3=ON, B3=OFF,	B6=OFF B6=ON

Not Used: A1, A2, A3, A6, B5, B7

Α.	Attract Mode Sound Always on	B0=OFF,	
В.	Number of Coins Required for One Credit 1	AO = ON,	A4=ON A4=ON
С.	Number of Lives Per Credit 3	A5=OFF,	
D.	<pre>Game Difficulty Level Easy: when a life is lost, gameplay resumes immediately after the point the player died. The fatal move is not replayed Hard: when a life is lost, gameplay resumes back at the beginning of the scene. All moves must be replayed</pre>		
F.	Skill Level Selection Normal Mode (control panel skill level buttons are enabled) Always SPACE ACE skill level Always CAPTAIN skill level Always CADET skill level	B3=ON, B3=OFF, B3=OFF,	B6=OFF B6=ON B6=OFF

Not Used: A1, A2, A3, A6, B4, B5, B7