

V. GAME ADJUSTMENTS

SPECIAL REPLAY/X-BALL/NOVELTY MODES

Self test positions 16 and 17 give the operator flexibility to award a replay ball or score (Novelty) when a special is scored. A combination of X/Ball, Novelty can be obtained through the following chart.

[17] 이렇게 들어보다 하는 이 사람이 하는 그 모양하다			그렇다 하는 얼마를 되고 있다.	H
SELF TEST POSITION 16 PLAYFIELD X-BALL AND SPECIAL	SET TO 03	SET TO 02	SET TO 01	
TEATTIELD X-DALL AND SPECIAL				100
DEFENDER SPECIAL:	REPLAY	X BALL	50.000	
INVADERS SPECIAL:	n n	u u		3
SPECIAL X BASE:		n 'n		
LEFT OR RIGHT OUT SPECIAL:	1	п п	n f	
TARGET CHANNEL LEFT (RADAR ZONE	Ξ): "		u -3	
SPECIAL TARGET CHANNEL RIGHT				
(GENERATOR):	n .	50.000	50.000	
EX BALL CHANNEL TARGET RIGHT:	X BALL	X BALL	25.000	
경영화의 보이 모든 경험 보이지 않는다. 교육화화	SET TO 03	SET TO 02	SET TO 01	
SELF TEST POSITION 17	AWARD	AWARD	AWARD	,
.DELF TEST POSTITION 1/				
SCORING THRESHOLDS	REPLAY	X BALL	NO AWARD	

HIGH SCORE TO DATE OR OVER 10,000,000 SCORE FEATURE:

The game is designed to award free games as an option if high score to date is beat or palyer exceeds 10,000,000 points. Each time this happens, the winning score becomes the new high score to beat. This score is displayed on all 4 player score displays at the end of each game as an incentive to play.

Reccomended setting is underlined.

HIGH SCORE TO DATE FEATURE	SELF TEST POSITION 19
NO AWARD	SET TO "OO"
ONE CREDIT	SET TO "O1"
TWO CREDITS	SET TO "02"
THREE CREDITS	SET TO "O3"

State and local laws may regulate the use of the above features, and they have been designed to allow for appropriate adjustment in order to conform to such requirements.

the state of the s				
BALLS PER GAME:	BALLS/GAME	SWITCHES	32	31
1 - 1명의 마일의 발표 (12) - 바람이 모드 택생 1 - 19의 - 미역로 (12) - 19의 대학생이			OFF	ON
	4		ON	OFF
	3		OFF	OFF
	2		ON	ON
The Property of the Control of the C				

MATCH FEATURE:

When the Match Feature in ON, a random number appears on the Match/Ball in Play window and the word Match is illuminated. If the number matches the tens digit in a player's score, a free game is awarded. The Match Feature creates an incentive to play.

MATCH		SWITCH	28
ON		ON	
OFF		OFF	÷.

Credits/Coin Adjustments:

The credits per coin are selectable by means of S17-S20 for coin chute #2 (Center). The switch settings and resultant credits/coin are as follows:

S20	S19	818	817	Credits/Coin	S20	S19	318	S17	Credits/Coin	
OFF	OFF	OFF	OFF	Same as Coin Chute #1 Settings	ON	OFF	OFF	OFF	8/1 Coin	
OFF	OFF	OFF	ON	1/1 Coln	ON	OFF	OFF	ON	9/1 Coin	
OFF	.OFF	ON	OFF	2/1 Coln	ON	OFF	ON	OFF	10/1 Coin	
OFF	OFF	ON	ON	3/1 Coin	ON	.OFF	ON	ON	11/1 Coln	
OFF	ON .	OFF	OFF	4/1 Coln	ON	ON	OFF	OFF.	12/1 Coin	
OFF	ON	OFF	ON	5/1 Coin	ON	ON	OFF	ON	13/1 Coin	
OFF	ON	ON	OFF	6/1 Coln	ON	ON	ON.	OFF	14/1 Coln	
OFF		ON	ON	7/1 Coln	ON	ON	ON	ON	15/1 Coin	
			ALC: NO A	네이 교육에 가는 것 같아요. 나는 사람이 나는 사람이 되는 것이 없는 사람들이 되었다. 나는 사람이 없는 것이 없는 것이다.	100					

The credits given are selectable by means or switches 1-5 incl., for coin chute #1 and switches 9-13 incl., for coin chute #3. Thirty-one different credit ratios are available for each coin chute. The switch settings and resultant credits/coin are listed below.

CRED	TS/	COIL	UAD.	JUST	MENTS
CHED		-	1 00		MILIT

COIN CHUTE SWITCHES CREDITS CREDITS CREDITS CREDITS CREDITS CREDITS (HINGE SIDE) 5 4 3 2 1 DR #3 13 12 11 10 9 (RIGHT SIDE) OFF OFF OFF OFF OFF ON 2/1 Coin OFF OFF OFF ON OFF 3/1 Coin OFF OFF OFF ON ON 4/1 Coin OFF OFF ON OFF ON 6/1 Coin OFF OFF ON ON ON 6/1 Coin OFF OFF ON ON ON 8/1 Coin OFF OFF ON ON ON 8/1 Coin OFF OFF ON ON ON 8/1 Coin OFF OFF ON OFF OFF 9/1 Coin	COIN
OR #3 13 12 11 10 9 (RIGHT SIDE) OFF OFF OFF OFF OFF OFF OFF O	
(RIGHT SIDE) OFF OFF OFF OFF OFF 1/1 Coln OFF OFF OFF OFF ON 2/1 Coln OFF OFF OFF ON OFF 3/1 Coln OFF OFF OFF ON ON 4/1 Coln OFF OFF ON OFF S/1 Coln OFF OFF ON OFF ON 6/1 Coln OFF OFF ON ON OFF 7/1 Coln OFF OFF ON ON ON 8/1 Coln OFF OFF ON ON OFF 9/1 Coln OFF OFF ON OFF OFF 9/1 Coln	
OFF OFF OFF ON 2/1 Coln OFF OFF OFF ON OFF 3/1 Coln OFF OFF OFF ON ON 4/1 Coln OFF OFF ON OFF 5/1 Coln OFF OFF ON OFF ON 6/1 Coln OFF OFF ON ON OFF 7/1 Coln OFF OFF ON ON ON 8/1 Coln OFF OFF ON ON ON 8/1 Coln OFF OFF ON OFF OFF 9/1 Coln	
OFF OFF ON OFF 3/1 Coln OFF OFF ON ON 4/1 Coln OFF OFF ON OFF 5/1 Coln OFF OFF ON OFF ON 6/1 Coln OFF OFF ON ON OFF 7/1 Coln OFF OFF ON ON ON 8/1 Coln OFF OFF ON ON ON 8/1 Coln OFF ON OFF OFF 9/1 Coln	32.4
OFF OFF ON ON 4/1 Coin OFF OFF ON OFF 5/1 Coin OFF OFF ON OFF ON 6/1 Coin OFF OFF ON ON OFF 7/1 Coin OFF OFF ON ON ON 8/1 Coin OFF ON OFF OFF 9/1 Coin	
OFF OFF ON OFF OFF 5/1 Coin OFF OFF ON OFF ON 6/1 Coin OFF OFF ON ON OFF 7/1 Coin OFF OFF ON ON ON 8/1 Coin OFF ON OFF OFF 9/1 Coin	1
OFF OFF ON OFF ON 6/1 Coin OFF OFF ON ON OFF 7/1 Coin OFF OFF ON ON ON 8/1 Coin OFF ON OFF OFF 9/1 Coin	
OFF OFF ON ON OFF 7/1 Coln OFF OFF ON ON ON 8/1 Coln OFF ON OFF OFF 9/1 Coln	
OFF OFF ON ON ON 8/1 Coln OFF ON OFF OFF 9/1 Coln	
	0.0
OFF ON OFF OFF ON 12/1 Coin	10
OFF ON OFF 14/1 Coin	
OFF ON OFF ON ON 1/2 Coins*	
OFF ON ON OFF 2/2 Coins	
OFF ON ON OFF ON 3/2 Coins*	
OFF ON ON OFF 4/2 Coins*	
OFF ON ON ON 5/2 Coins*	
ON OFF OFF OFF 6/2 Coins*	, E
ON OFF OFF ON 7/2 Coins*	
ON OFF OFF ON OFF 8/2 Colns*	
ON OFF OFF ON ON 9/2 Coins*	2117
ON OFF ON OFF 12/2 Colns*	
ON OFF ON OFF ON 14/2 Coins*	suits.
ON OFF ON ON OFF 1/1st Coin 2/2nd Coin 3/2	
ON OFF ON ON O/1st Coin* 1/2nd Coin 1/3rd Coin 1/4th Coin 3/4	():
ON ON OFF OFF OFF 0/1st Coin* 1/2nd Coin 0/3rd Coin** 2/4th Coin 3/4	
ON ON OFF OFF ON 1/1st Coin 1/2nd Coin 1/3rd Coin 2/4th Coin 5/4	
ON ON OFF ON OFF 1/1st Coin 2/2nd Coin 1/3rd Coin 3/4th Coin 7/4	12.5
ON ON OFF ON ON 1/1st Coin 2/2nd Coin 2/3rd Coin 2/4th Coin 7/4	
ON ON OFF OFF 0/1st Coln*** 0/2nd Coln*** 1/3rd Coin 1/3	
ON ON OFF ON 0/1st Coin** 0/2nd Coin** 0/3rd Coin** 1/4th Coin 1/4	
ON ON ON OFF 0/1st Coin**** 0/2nd Coin**** 0/3rd Coin**** 0/4th Coin**** 1/5th Coin 1/5	
ON ON ON ON ON 0/1st Coin*** 0/2nd Coln*** 1/3rd Coin 0/4th Coin*** 1/5th Coin 2/5	

[&]quot;1.0 Credits until 2nd coin is dropped.

CRED

MAXIMUM CREDITS:

The maximum credits accepted by the machine limits the number of games that can be accumulated by coining, by winning replays or both. The maximum number of credits is selectable by means of switches 25 and 26. Four credit limits are available. Switch settings are listed below.

MAXIMUM		SWIT	CHES		
CREDITS		26	25		
10		OFF	OFF		
15		OFF	ON		
25		ON	OFF		
40	******	ON	ON		
IT DISPLAY:	CREDITS DISPLAYED		SWITCH 27	,	
	YES		ON		
	NO		OFF		

[&]quot;Tro Crodits until 4th coin is dropped.

[&]quot;to Credits until 3rd coin is dropped.

Try Credits until 5th coin is dropped.

GAME FEATURE OPTIONS

A. ABCD FEATURE: FEATURE OPERATION & SCORING

Making C & B top rollovers, top arrow lites alternate to score 25,000 points. Making A-B-C & D rollovers, drops one or two targets defender. (depending on SW ## 8 setting) and lites the right lane for 20K 1st time, 40K 2nd, 60K 3rd & so on.

A-B-C-D also flashes the bumper for 3000 points. 1st time left bumper, 2nd time right bumper, 3rd time bottom bumper. Bumper flashing will reset after each ball.

B. SAUCER FEATURE

Saucer scores top Right lane SPL W/L and scores 500 or 7000 points for each lit ball on pool table, plus super bonuses of 56K and 112K timer multipliers (depending on SW ## 16 setting).

C. TARGET LEFT RADAR ZONE

1st target down 5000 points awarded and 2X lites.
2nd target down 10,000 points awarded and 3X lites.
3rd target down 15,000 points awarded and 4X lites.
4th target down 20,000 points awarded and 5X lites.
Radar zone 1st time hit scores 50,000 points, 2nd time (1 replay), radar zone values ALT or after SPL is made, will camp on 50,000 points (depending on SW ## 24 setting).

D. SINGLE DROP TARGET-R-FEATURE

It scores 500 points if no right lane lite is lit, or will score the lite value and will advance it to next higher value.

E. GENERATOR TARGET RIGHT

Rollover button scores as follows:

500, 10,000, 30,000, 50,000, EXTRA BALL, 70,000, SPL, and then will camp on 70,000 Pts. Or will score 500, 10,000, 30,000, 50,000, EXTRA BALL, 70,000 Pts. and will stay on 70,000 after this sequence is completed, on next ball will score 500, 10,000, 30,000, 50,000, 70,000, SPL, and will camp back on 70,000 Pts. (depending on SW ## 14 setting).

G. OUTLANE SPECIAL FEATURE

When right lane values are advanced all the way to top, the outlanes will lite to alternate for SPL.

H. DEFENDER AND INVADERS

Knocking defender targets single target R will flash. 2000 points for each target and 3000 points for each defender target. Invaders lite will not come on until defender is made.

When defender is made, invaders lites will flash few times and will stay lit.

By knocking the invaders 1st time 50,000 points will be awarded and invaders special will lite, or defender lit again (depending on SW // 23 setting).

VERY IMPORTANT

TEST SW 20-21-22 - MUST BE IN 00

SOUND OPTION

The game is designed to make several tones and noises to announce power-up, game-up, etc. The tones are antended to attract attention to the game and increase game usage. The tones are controlled by pressing self test button until the // 18 shows on the match/ball in play display. Now pulse replay button to desired sound setting.

Setting "00"

Most switches associated chimes without feature background.

Setting "01"

Playfield switches associated chimes with background.

Setting "02"

Most scoring will have noise effect without background.

Setting "03"

Most all scoring will have a noise effect with background.

SUMMARY OF GAME ADJUSTMENTS

LEFT TARGET RADAR ZONE

SW 6 ON = 50.000 e special lites alternate

SW 6 OFF = Only 1 special per ball

DEFENDER

SW 7 ON = Lite out will not come for next ball SW 7 OFF = Lite out will come back on for next ball

A.B.C.D.

SW 8 ON = Completing A,B,C,D rollover drops 2 targets down SW 8 OFF = Completing A,B,C,D rollover drops 1 target down

RIGHT LANE FEATURE GENERATOR TARGET

SW 14 ON = Lite sequence, no lite, 10K, 30K, 50K, X-ball, 70K, SPEC., 70K, and 70K stays on

SW 14 OFF = First ball sequence, no lite, 10K, 30K, 50K, X-ball, 70K, and 70K stays on.

Next ball sequence, no lite, 10K, 30K, 50K, 70K, SPECIAL 70K and 70K stays on.

SPECIAL DEFENDER

SW 15 ON = Completing defender 2nd and 3rd time scores 1 replay each SW 15 OFF = Completing defender 3rd time scores 1 replay

X BASE

SW 16 ON = 2X, 3X, 4X or 5X bonus values plus any lit SW 16 OFF = Saucer scores rack and bonus values only

INVADERS

SW 21 ON = Lite out will not come for next ball SW 21 OFF = Lite out will come back on for next ball

INVADERS GAME

SW 23 ON = Completing defender and invaders does not lit defender

SW 23 OFF = Completing defender and invaders lit defender

50.000 E SPECIAL INVADERS LITE ADJUSTEMENT

SW 24 ON - SW 6 ON = SPECIAL, 50.000, SPECIAL, 50.000 SW 24 OFF - SW 6 ON = 50.000, SPECIAL, 50.000, SPECIAL SW 24 ON - SW 6 OFF = SPECIAL, 50.000, 50.000 SW 24 OFF - SW 6 OFF = 50.000, SPECIAL, 50.000, 50.000

NUMBER OF GAMES REPLAYS PER GAME ADJUSTEMENT

SW 29 ON = All replays earned will be collected. SW 29 OFF = Only 1 replay per player per game

GAME OVER ATTRACT ADJUSTEMENT

SW 30 ON = Sound SW 30 OFF = No sound

- 7 -

WORLD DEFENDER" [] @ _{D5} (4) Indicates switch identification Indicates solenoid identification 24) Ď3 19 63 @ @ Scanned with CamScanner

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Prodotto interessato: ELECTRONIC PINBALLS

modello interessato: SKILL FLIGHT

difetto riscontrato: ATTIVAZIONE BOBINA SLINGSHOOT SINISTRO AL-L'ACCENSIONE DELLA MACCHINA.

descrizione:

IL DIFETTO E' CAUSATO DALLA SCHEDA SUONO. DI ESSA ESISTONO DUE MODELLI LEGGERMENTE DIFFERENTI.

SUUND MUDULE BOSAI. 4 (MUNIATO SU QUASI TUTTE LE MACCHINE):

- A) ACCERTARSI CHE SIA STATA MONTATA LA RESISTENZA R45 (470 OHM 1/4W).
- B) ACCERTARSI CHE LA PISTA TRA IL PIN 12 DELL'INTEGRATO USE LA RESISTENZA R45 SIA STATA TAGLIATA (IN PROSSIMITA' DI U1 DAL LATO COMPONENTI).

SOUND MODULE BG841.5 (MONTATO SOLO SU POCHE MACCHINE):

- A) ACCERTARSI CHE SIA STATA MONTATA LA RESISTENZA R45 (470 OHM 1/4W).
- B) ACCERTARSI CHE SIA STATA TAGLIATA DAL LATO COMPONENTI LA PISTA TRA IL PIN 12 DELL'INTEGRATO U1 E LA RESISTENZA R45.
- C) ACCERTARSI CHE DAL LATO SALDATURE LA PISTA TRA IL PIN 12 DEL-L'INTEGRATO U1 E IL DIODO D11 SIA STATA TAGLIATA.
- D) COLLEGARE TRA DI LORO L'ANODO DEL DIODO D11 E LA RESISTENZA R45 (DAL LATO ORA SCOLLEGATO).