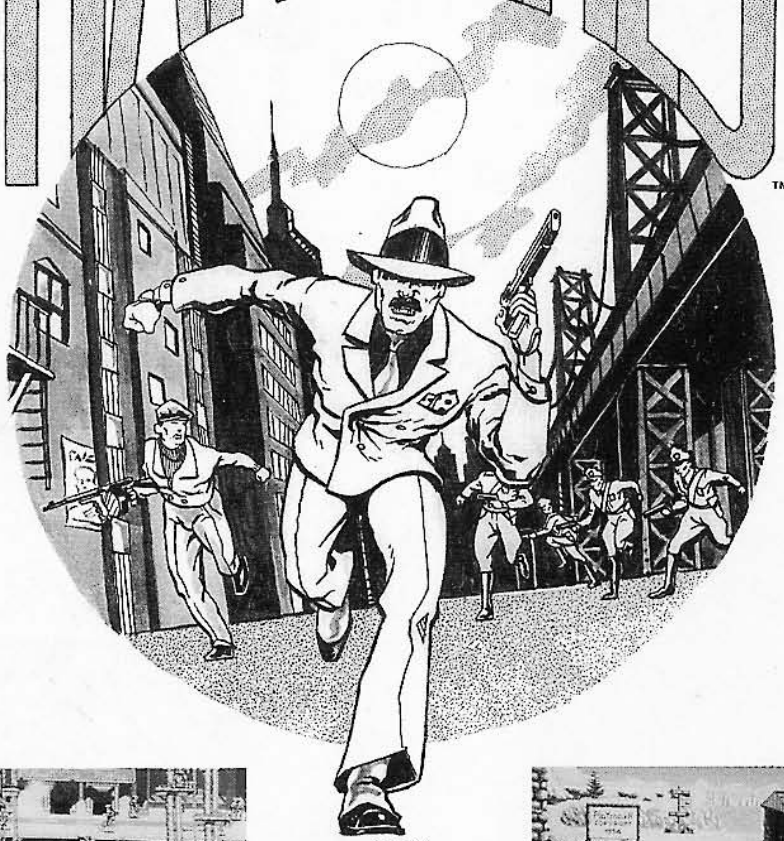
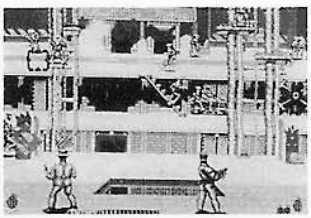
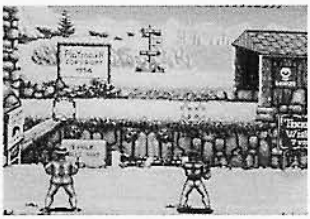
OPERATOR'S MANUAL

HARD TIMES™







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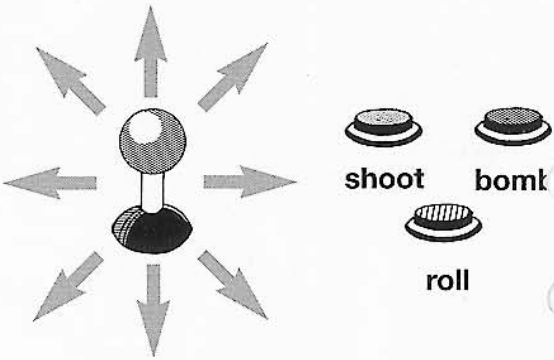
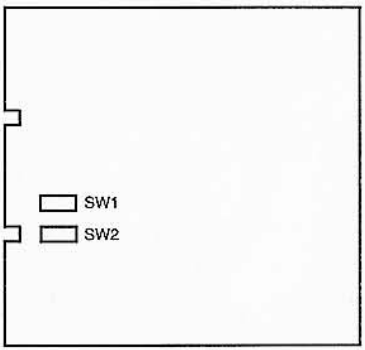
PlaYmark

P C B CONECTOR JAMMA

SOLDER SIDE	PIN	NO.	COMPONENTS SIDE
GND	A	1	GND
GND	B	2	GND
+5V	C	3	+5V
+5V	D	4	+5V
	E	5	
+12V	F	6	+12V
	H	7	
COIN COUNTER 2	J	8	COIN COUNTER 1
COIN LOCKOUT 2	K	9	COIN LOCKOUT 1
SPEAKER (-)	L	10	SPEAKER (+)
	M	11	
GREEN	N	12	RED
SYNC	P	13	BLUE
SERVICE	R	14	VIDEO GND
	S	15	
COIN IN 2	T	16	COIN IN 1
2P START	U	17	1P START
2P UP	V	18	1P UP
2P DOWN	W	19	1P DOWN
2P LEFT	X	20	1P LEFT
2P RIGHT	Y	21	1P RIGHT
2P SHOOT	Z	22	1P SHOOT
2P ROLL	a	23	1P ROLL
2P BOMB	b	24	1P BOMB
	c	25	
	d	26	
GND	e	27	GND
GND	f	28	GND

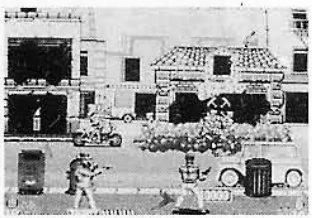
CONTROL PANEL





ITEM	DESCRIPTION	DIP SWITCH 1							
		1	2	3	4	5	6	7	8
COIN MODE A B	COMMON VALUE EACH ONE	OFF ON							
MODE A COIN/CREDIT	1 COIN 1 PLAY 2 COIN 1 PLAY 3 COIN 1 PLAY 4 COIN 1 PLAY 5 COIN 1 PLAY 6 COIN 1 PLAY 1 COIN 2 PLAY 1 COIN 3 PLAY 1 COIN 4 PLAY 1 COIN 5 PLAY 1 COIN 6 PLAY 2 COIN 3 PLAY 3 COIN 2 PLAY 5 COIN 3 PLAY 8 COIN 3 PLAY FREE PLAY		OFF ON OFF ON OFF ON OFF ON OFF ON OFF ON OFF ON OFF ON	OFF OFF ON ON OFF OFF OFF ON OFF ON OFF ON OFF ON OFF ON	OFF OFF OFF OFF ON ON ON ON OFF OFF ON ON OFF OFF ON ON	OFF OFF OFF OFF OFF OFF OFF OFF ON ON ON ON ON ON ON ON			
MODE B COIN IN 1	1 COIN 1 PLAY 2 COIN 1 PLAY 3 COIN 1 PLAY 5 COIN 1 PLAY		OFF ON OFF ON	OFF OFF ON ON					
MODE B COIN IN 2	1 COIN 2 PLAY 1 COIN 3 PLAY 1 COIN 5 PLAY 1 COIN 6 PLAY				OFF ON OFF ON	OFF OFF ON ON			
CREDITS FOR START	1 2						OFF ON		
1 LIVE IF CONTINUE	NO YES							OFF ON	
TEST MODE	NO YES								OFF ON

ITEM	DESCRIPTION	DIP SWITCH 2							
		1	2	3	4	5	6	7	8
NUMBER OF LIVES	3 2 5 1	OFF ON OFF ON	OFF OFF ON ON						
EXTENDED PLAY	300K, 500K EVERY 500K, 500K EVERY 500K ONLY NO EXTEND PLAY			OFF ON OFF ON	OFF OFF ON ON				
DIFFICULTY	NORMAL EASY HARD VERY HARD					OFF ON OFF ON	OFF OFF ON ON		
CONTINUE PLAY	YES NO							OFF ON	
DEMO SOUND	NO YES								OFF ON



playmark srl.
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