



**Thunderkick Malta Ltd.**

**Arcader**

**Game Info**

Version 1.2

2015-11-18

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## Document History

Version	Date	Author	Comment
1.2	2015-11-18	Andreas Beskow	Updated hit frequency info.
1.1	2014-12-01	Erik Karlsson	Added quick summary.
1.0	2014-11-28	Erik Karlsson	Created document.

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# 1 Introduction

## 1.1 Arcader

Arcader is a video slot that offers 5 reels and 15 pay lines. The game features wilds, expanders, mystery game and bonus game with free spins.

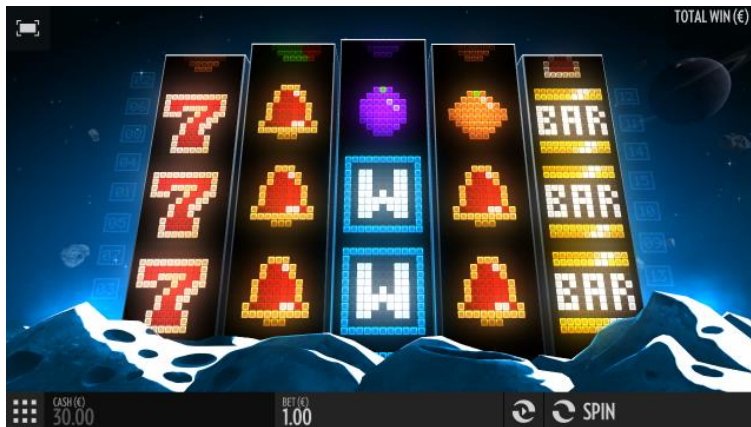
## 1.2 Quick Summary

Parameter	Value
<b>Game</b>	Arcader
<b>Game-ID</b> See integration manuals for details on how to use this parameter. <i>(also referred to as gameName in the seamless wallet API)</i>	tk-astronaut
<b>Required aspect ratio</b>	16:9
<b>Recommended dimensions</b>	1280 x 720 or 1024 x 576 <i>Custom values can be used as long as the aspect ratio is kept at 16:9</i>
<b>RTP (theoretical payout)</b>	96,1%
<b>Reels</b>	5
<b>Pay lines</b>	15
<b>Bonus game</b>	Yes
<b>Volatility</b>	Medium
<b>Max exposure</b>	1600 x bet (€160 000 at €100 bet)
<b>Big Win trigger</b>	15 x bet
<b>Mega Win trigger</b>	50 x bet
<b>Ultra Win trigger</b>	100 x bet
<b>Theoretical Possibility (TP) ratio - Big Win</b>	1:102 (0.977%)
<b>TP ratio - Mega Win</b>	1:684 (0.146%)
<b>TP ratio - Ultra Win</b>	1:3802 (0.026%)

## 2 Main Game

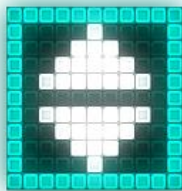
## 2.1 Introduction

The main game is started when the pre-loader and intro is finished.



## 2.2 Expander

The expander expands the reel it appears on and fills it with the symbols representing the best possible pay line.



## 2.3 Bonus Symbol

The symbol that triggers the bonus game is a scatter symbol.



## 2.4 Mystery Symbol

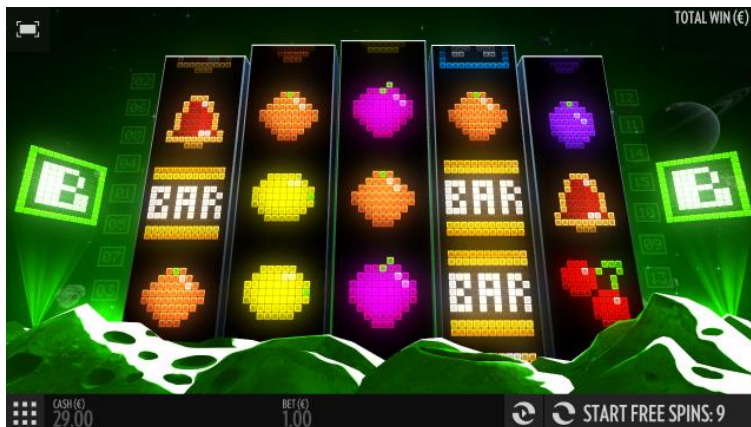
The symbol that triggers the mystery game is a scatter symbol.



## 3 Bonus Game

### 3.1 Introduction

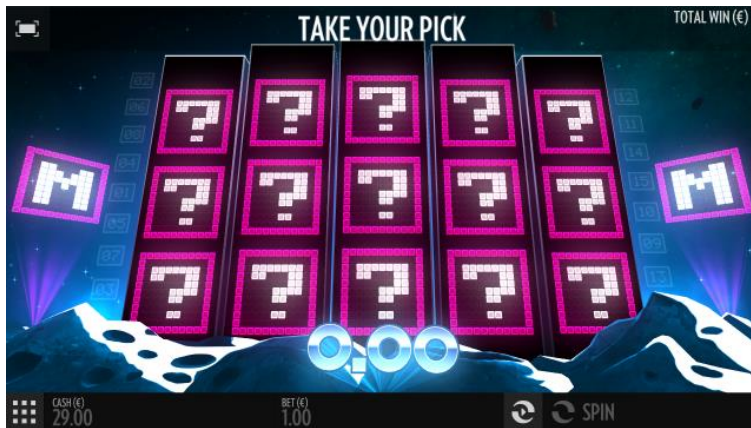
The bonus game is rewarded if 3 or more bonus game symbols are won in the main game. Each additional bonus symbol grants additional multipliers. The bonus game continues as long as there are free spins left. After the bonus game has ended, the game returns to the main game.



## 4 Mystery Game

### 4.1 Introduction

The mystery game is rewarded if 3 or more mystery symbols are won in the main game. Each additional mystery symbol grants additional multipliers. The mystery game ends either by selection of a blank or by the selection of all mystery wins. After the mystery game has ended, the game returns to the main game.





## 4.2 Free Spins

The action button shows the number of available free spins. The free spins start when the action button is pressed.



## 5 Pay Table

### 5.1 Introduction

The pay table lists all features, symbols, pay values and win combinations in the game.

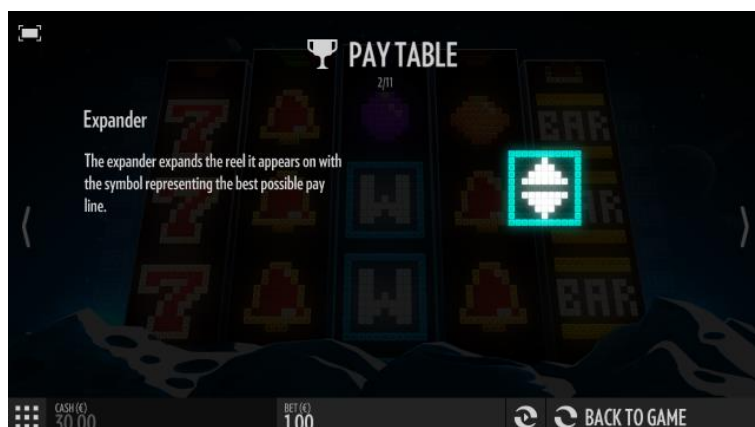
### 5.2 Page 1

Page 1 describes the wild symbol.



### 5.3 Page 2

Page 2 describes the expander.



## 5.4 Page 3

Page 3 describes the bonus symbol.



## 5.5 Page 4

Page 4 describes the bonus game.



## 5.6 Page 5

Page 5 describes the sticky wild symbol.



## 5.7 Page 6

Page 6 describes the mystery symbol.



## 5.8 Page 7

Page 7 describes the mystery game and displays mystery win values relative to the current bet.



## 5.9 Page 8

Page 8 displays symbol values relative to the current bet.



### 5.10 Page 9

Page 9 displays symbol values relative to the current bet.



### 5.11 Page 10

Page 10 displays symbol values relative to the current bet.



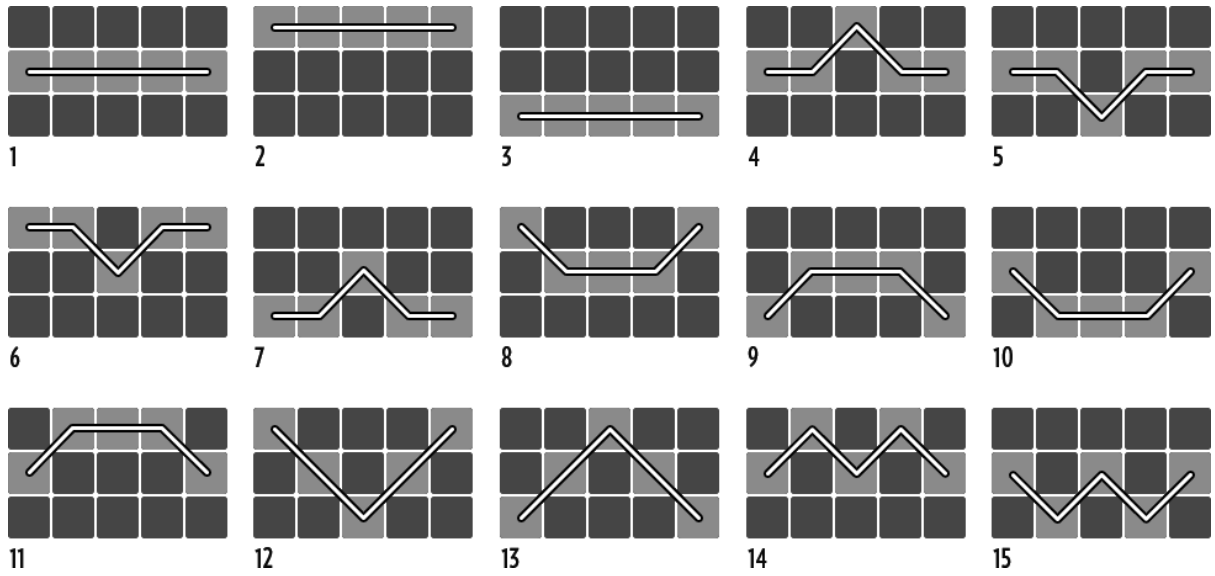
### 5.12 Page 11

Page 11 displays the win combinations.



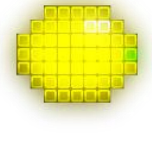
### 5.13 Win Combinations




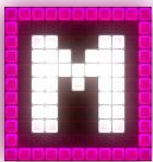
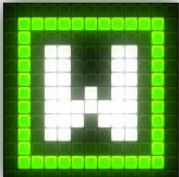
There are 15 pay lines in Arcader. The win combinations flow from left to right.



## 6 Symbols


There are 13 symbols available in Arcader. Each symbol has a unique identification number.

Symbol number	Graphic	Description
0		Wild symbol
1		
2		
3		
4		
5		

6		
7		
8		
10		Bonus symbol
11		Expander
12		Mystery symbol
13		Sticky wild symbol

## 7 Mystery wins

There are 5 mystery wins in the mystery game. Each mystery win has a unique identification number.

Mystery win number	Graphic	Description
0	 A red 'X' shape composed of small square tiles, centered in the cell.	Blank
1	 A yellow circle shape composed of small square tiles, centered in the cell.	
2	 A blue circle shape composed of small square tiles, centered in the cell.	
3	 A green square shape composed of small square tiles, centered in the cell.	
4	 A purple diamond shape composed of small square tiles, centered in the cell.	



## 8 Payout

### 8.1 Return to Player (RTP)

The theoretical player return percentage for Arcader is 96,1% with a hit frequency of 23,1%. There are no strategies, features or settings that the player can change that will affect the payout (i.e.: configurable number of pay lines or size of bet that will affect hit frequencies).

## 9 Arcader Game Rules

Note: The Arcader video slot is referred to as Arcader, The Game or Game.

Note: The Arcader video slot is referred to as Arcader The Game or Game.

1. Arcader is a video slot with 5 reels and 15 fixed pay lines. The game features wilds, expanders, mystery game and bonus game with free spins. The theoretical return to player is 96,1%.
2. The game offers up to 15 bet levels for the selected currency.
3. A game round is started with the action button and plays the game with the selected bet level.
4. No bets can be altered during a game round.
5. Auto play plays the game automatically for the number of game rounds selected in the auto play page.
6. Expanders expands the reel it appears on and fills it with the symbols representing the best possible pay line.
7. The bonus symbol is a scatter symbol that can appear on any reel and grants the bonus game with free spins if 3 or more bonus symbols are won. The number of free spins won is according to the pay table and the number of bonus symbols won grants a certain multiplier according to the pay table. Each bonus game free spin grants the chance of a new sticky wild on the three central reels. The sticky wilds remain sticky throughout the bonus game.
8. The mystery symbol is a scatter symbol that can appear on any reel and grants the mystery game with mystery wins if 3 or more mystery symbols are won. The number of mystery symbols won grants a certain multiplier according to the pay table. The mystery game ends either by selection of a blank or by the selection of all mystery wins.
9. Wilds and sticky wilds substitutes all other symbols except expanders, mystery symbols and bonus symbols.
10. All game payout and win combinations are paid out according to the pay table.
11. Only the highest win per pay line is paid out, if in sequence from far left to right in combinations according to the pay table.
12. All pay line wins during a game round are added and presented at the end of the game round.
13. All wins are presented and paid out in the selected currency. Wins may be capped by the operator.
14. The bonus game and mystery game is played with the same bet as the spin that triggered the bonus game or mystery game.
15. In the event of game malfunction all affected bets and pays are rendered void.