



Thunderkick Malta Ltd.

Frog Grog

Game Information

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Document History

Version	Date	Author	Comment
1.2	2016-09-13	Erik Karlsson	Updated dates and removed placeholders.
1.1	2016-09-13	Tom Hedberg	Updated Texts & added images.
1.0	2016-09-05	Johnny Aspelin	Created document.

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1 Introduction

1.1 Frog Grog

Frog Grog is a video slot that offers 5 reels and 23 pay lines. The game features Wild Frog, Frog Burp, Multiplier and a Mystery Game.

1.2 Summary

Parameter	Value
Game	Frog Grog
Game-ID <i>See integration manuals for details on how to use this parameter. (also referred to as gameName in the seamless wallet API)</i>	tk-s1-g8
Recommended aspect ratio	16:9
Recommended dimensions	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>
RTP (theoretical payout)	96.1%
Hit Frequency (any win)	28.5%
Reels	5
Pay lines	23
Bonus game	No
Max exposure	1616 x bet
Big Win trigger	>= 15 x bet
Mega Win trigger	>= 30 x bet
Ultra Win trigger	>= 60 x bet
TP - Big Win (TP - Theoretical Possibility)	1 : 120
TP - Mega Win	1 : 363
TP - Ultra Win	1 : 1066

2 Main Game

2.1 Introduction

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



3 Dropping symbols

If there are empty symbol positions they get filled with new random symbols and the game round continues.

4 Multiplier

All wins are multiplied by the Multiplier that is active when the win is presented.

The Multiplier increases each time new symbols are dropped in. After the Mystery Game feature has ended it will also increase one step for each scatter win that was awarded during the Mystery Game.

The Multiplier will not increase above the maximum step (7).

5 Wild Frog

When a Wild Frog appears it acts as a wild symbol. After any potential pay lines has been presented the Frog Burp feature will remove all symbols on the same reel and row as the Wild Frog. It will then turn blue and act as a wild symbol until the game round is over or it has been included in any new pay lines.

6 Mystery Game

The Mystery Game is triggered randomly when no new dropping symbols would otherwise occur. During the Mystery game all symbols except those with symbol ID 0,1 or 11 are removed. The removed symbols awards scatter wins according to the pay table up to a symbol count of 5.



7 Pay Table

7.1 Introduction

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

7.2 Page 1

Page 1 describes the Dropping Symbols



7.3 Page 2

Page 2 describes the Multiplier



7.4 Page 3

Page 3 describes the Wild Frog Symbol

WILD FROG SYMBOL

The Wild Frog symbol substitutes for any other symbol. After presenting all pay line wins the frog will remove all symbols on the same row and column (except other frogs), it will then remain for the rest of the game round or until it is part of a pay line win.

Mystery Game

CASH USED: 1000.00
TOTAL WIN (€€€):
BET (€€€): 10.00

14:30 FREE PLAY Frog (€€€) 1.0.0 (dev)

The screenshot shows a dark-themed interface with a trophy icon and the text 'PAY TABLE'. The main heading is 'Wild frog symbol'. Below it is a paragraph explaining the symbol's function. To the right, there is an illustration of a red frog with a yellow arrow pointing to a blue frog. At the bottom, there are several icons: a back arrow, a speaker, a 'CASH USED' field with '1000.00', a 'TOTAL WIN (€€€)' field, a 'BET (€€€)' field with '10.00', and three circular icons (a coin, a play button, and a refresh button). The bottom right corner contains the text 'Frog (€€€) 1.0.0 (dev)'.

7.5 Page 4

Page 4 describes the Mystery Game feature

Mystery Game

Trigger randomly when no new dropping symbols can occur. The Mystery Game removes all symbols except the Moth, the Flower and the Frog. Symbols removed award wins according to the pay table, up to a symbol count of 5.

Symbols

x7
x5
x3
x2
x1

Mystery Game

CASH USED: 1000.00
TOTAL WIN (€€€):
BET (€€€): 10.00

14:30 FREE PLAY Frog (€€€) 1.0.0 (dev)

The screenshot shows a dark-themed interface with a trophy icon and the text 'PAY TABLE'. The main heading is 'Mystery Game'. Below it is a paragraph explaining the feature. To the right, there is an illustration of a game board with various symbols and a list of multipliers: x7, x5, x3, x2, x1. At the bottom, there are several icons: a back arrow, a speaker, a 'CASH USED' field with '1000.00', a 'TOTAL WIN (€€€)' field, a 'BET (€€€)' field with '10.00', and three circular icons (a coin, a play button, and a refresh button). The bottom right corner contains the text 'Frog (€€€) 1.0.0 (dev)'.

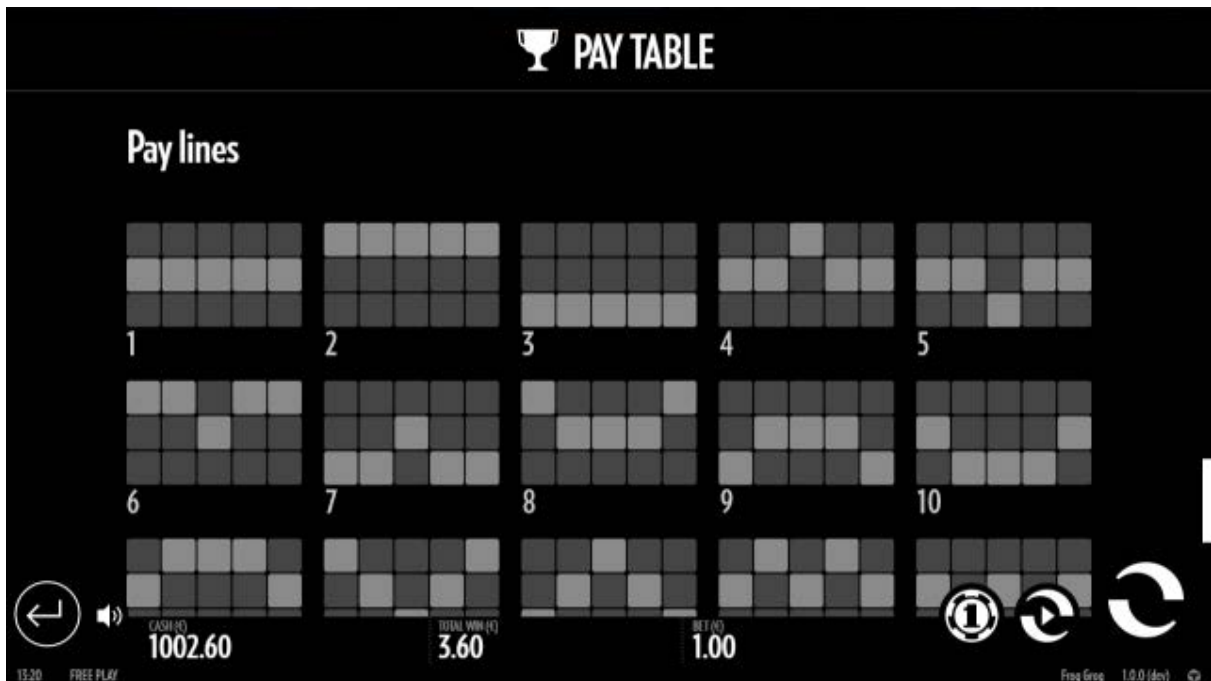
7.6 Page 5

Page 5 describes the symbols



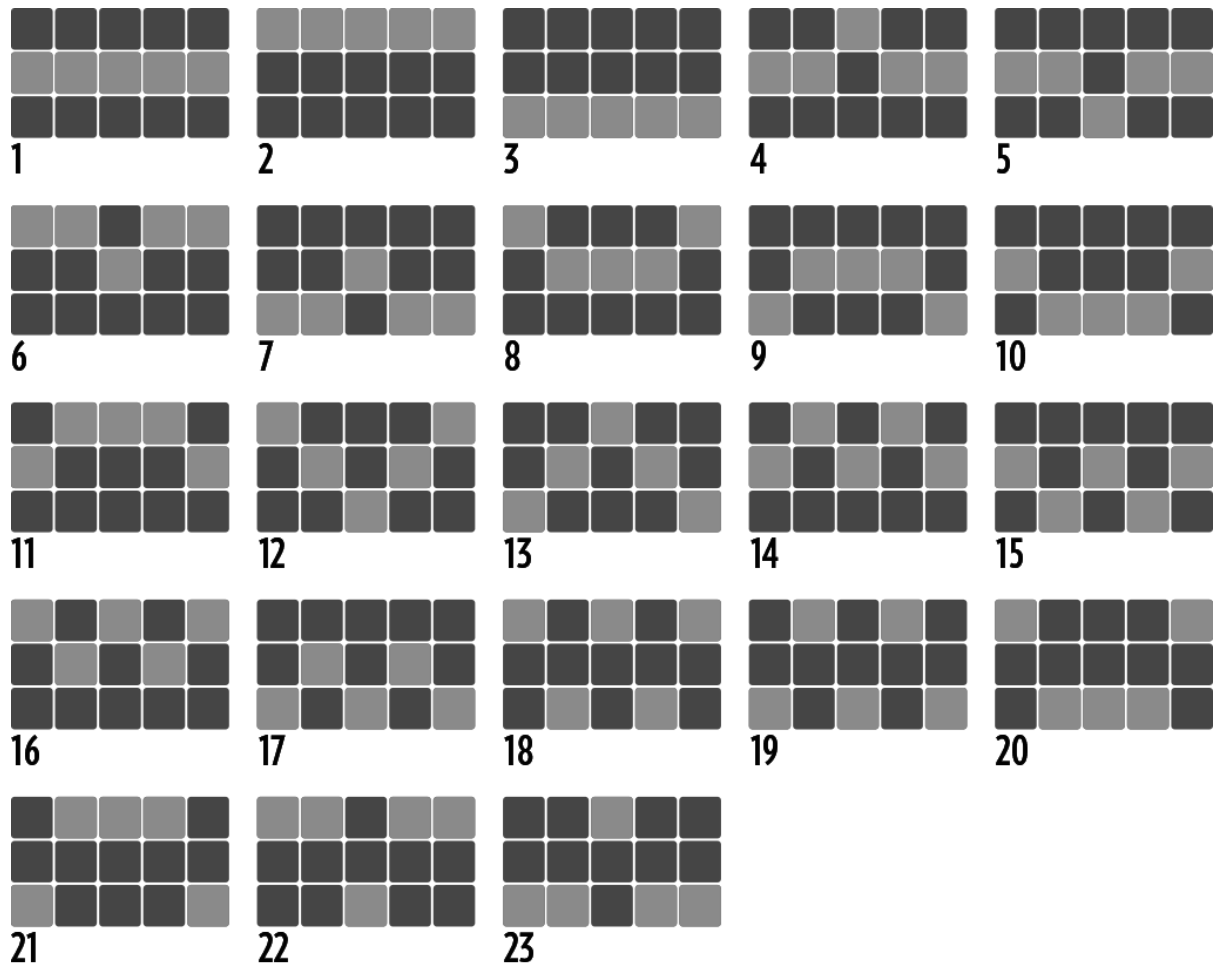
7.7 Page 6

Page six displays the pay lines











7.8 Win Combinations

There are 23 pay lines in Frog Grog.



8 Symbols

There are 6 symbols available in Frog Grog. Each symbol has a unique identification number.

Symbol ID	Graphic	Symbol ID	Graphic
0		5	
1		11	
2		11	
3			
4			

9 Frog Grog Game Rules

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

1. Frog Grog is a video slot with 5 reels and 23 fixed pay lines. The game features Wild Frog, Frog Burp, Multiplier and a Mystery Game. The theoretical return to player is 96.1%.
2. A game round is started with the action button and plays the game with the selected bet level.
3. No bets can be altered during a game round.
4. Auto play plays the game automatically for the number of game rounds selected in the auto play page.
5. At the start of a game round, a new symbol is dropped in to each position. As long as there are any free positions, the game round continues by dropping new symbols into these places.
6. The highest win per pay line is paid out, if in sequence from leftmost to right in combinations according to the pay table.
7. All game payout and win combinations are paid out according to the pay table, multiplied by the current multiplier.
8. All symbols, except the orange Frog, included in pay line wins are removed, making room for new symbols.
9. The Frog symbol substitutes for any other symbol. A Frog symbol enters play as an orange frog.
10. Frog Burp: After presenting all pay line wins, an orange frog will burp fire, removing all symbols on the same row and column, and then turn into a blue frog.
11. Mystery Game: Triggered randomly when no symbol position can be freed up after dropping in new symbols, the Mystery Game removes all symbols except the Moth, the Flower and the Frog. Symbols removed award wins according to the pay table, up to a symbol count of 5.
12. Multiplier: The Multiplier will increase one step each time new symbols are dropped in. After the Mystery Game is ended, the Multiplier increases one step for each win during the Mystery Game. The multiplier does not increase beyond the final multiplier step.
13. All wins are presented and paid out in the selected currency.
14. In the event of game malfunction all affected bets and pays are rendered void