ClockIt for iPhone, iPad & TV

1. Introduction

ClockIt is totally customizable
analog clock for iOS devices.

To change clock look just tap on part you want to change and adjust the settings. Changes are visualized immediately.

ClockIt is delivered with many predefined themes, which can be easy customized. New themes can by created by duplication of existing themes.

App supports iCloud data synchronization – ClockIt themes and settings on all iOS devices with same iCloud account will be synchronized.

Due to fact that not all fonts from iOS are present in tvOS - to share ClockIt themes between iOS and tvOS you should use fonts – with "(tv)" in the name. Those fonts are present in both OS. Themes

compatible with Apple TV will be marked with "(tv)" in the name.

You can create infinitely many new themes, which will be automatically shared by all your iOS devices.

App "Help-function" available in the app or on WWW contains detailed description of all functions and options.

In the app has been implemented total saving/restoration of state – it means that app might be interrupted at any time (by phone call, pressing one of device buttons, screen lock) and your data will not be lost. When app is activated next time all not saved data will be restored.

App is optimized for iOS9, iOS8, iOS7, iOS6, tvOS9.

Pictures in current documentation are taken mainly from iPhone 5, iOS8.x and iOS7.x version of ClockIt. On devices, which are running older versions of iOS (6.x and 5.x) some controls will look slightly different. Following table contains couple of examples of such differences.
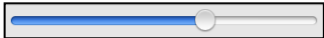
Picker

iOS6.x:

iOS9, iOS8, iOS7:

Background Colors Properties
Clock Face Properties
Clock Numbers Properties
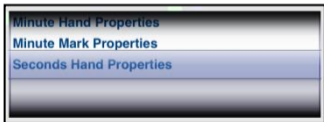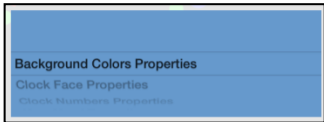
Stepper

iOS6.x:

− +

iOS9, iOS8, iOS7:

− +

Slider

iOS6.x:

iOS9, iOS8, iOS7:

Text field

iOS6.x:

0.645

iOS9, iOS8, iOS7:

0.645

Switch

iOS6.x:

ON   OFF

iOS9, iOS8, iOS7:

Alert

iOS6.x:

Data has changed. Do You want to save it?

Yes

No

Cancel

and

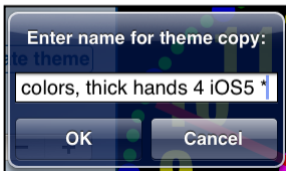Enter name for theme copy:
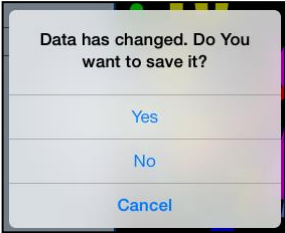
colors, thick hands 4 iOS5 *

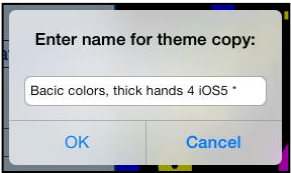OK   Cancel

iOS9, iOS8, iOS7:

Data has changed. Do You want to save it?

Yes

No

Cancel

and
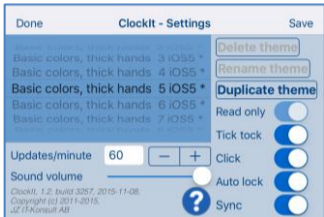
Enter name for theme copy:
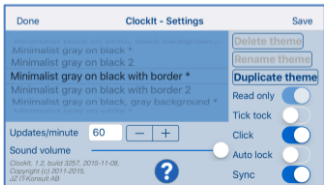
Bacic colors, thick hands 4 iOS5 *

OK   Cancel

Here you can see examples of differences in layouts of views on different iOS devices.

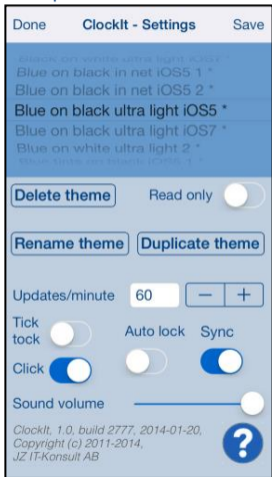## iPhone 4s

iPhone 5

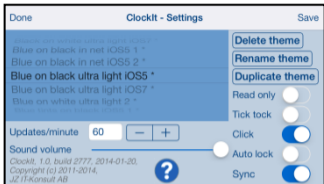## iPhone 6

iPhone 6 Plus

iPad

iPad Pro

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2. View orientation

All app views work in portrait and landscape orientation:

Done	ClockIt - Settings	Save

Black on white ultra light iOS7
Blue on black in net iOS5 1 *
Blue on black in net iOS5 2 *
Blue on black ultra light iOS5 *
Blue on black ultra light iOS7 *
Blue on white ultra light 2 *
Blue fonts on black in ultra light 1

[Delete theme]   Read only ◯

[Rename theme] [Duplicate theme]

Updates/minute   60   [−][+]

Tick
tock ◯   Auto lock ◯   Sync ⬤

Click ⬤

Sound volume ——————————●

*ClockIt, 1.0, build 2777, 2014-01-20,
Copyright (c) 2011-2014,
JZ IT-Konsult AB*   ❓

Portrait orientation

or

| Done | ClockIt - Settings | Save |

Blue on black in net iOS5 1 *
Blue on black in net iOS5 2 *
Blue on black ultra light iOS5 *
Blue on black ultra light iOS7 *
Blue on white ultra light 2 *

Delete theme
Rename theme
Duplicate theme

Read only
Tick tock

Updates/minute 60 − +

Click
Auto lock
Sync

Sound volume
Clockit, 1.0, build 2777. 2014-01-20,
Copyright (c) 2011-2014,
J2 IT-Konsult AB

Landscape orientation

Just select orientation, which is
most convenient for you. View
orientation can be change at any
time.

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3. Clock theme

Clock theme is collection of clock settings, such as colors, sizes, etc.

Picture shows all ClockIt adjustable elements in different colors:

	[Clock face](#) border
	[Clock face](#)
	[Clock background](#)
	[Settings button](#)
	[Clock numbers](#)

	[Hour marks](#)
	[Minute marks](#)
	[Hour hand](#)
	[Minute hand](#)
	[Seconds hand](#)

In more details clock theme
contains following settings:

1) Theme name.

2) Predefined indicator – marks predefined themes - themes which were installed with app.

3) Read-Only indicator - predefined themes are always read-only and cannot be changed to editable. Read-only indicator can be used for protecting of users themes from accidental changes.

4) [Clock face border] color.

5) [Clock face] color.

6) [Clock face] radius factor – relation of clock face radius to clock radius.

7) [Clock face border] width factor – relation of clock border width to clock radius.

8) Show/hide **seconds hand** indicator – determines if senonds hand is visible.
9) Number of **Clock numbers**.
10) Number of **Minute marks**
11) Number of **Hour marks**.

12) **Seconds hand** length factor – relation of seconds hand length to clock radius.
13) **Seconds hand** width factor – relation of seconds hand width to clock radius.
14) **Seconds hand** axis radius factor – relation of seconds hand axis radius to clock radius.
15) **Seconds hand** color.

16) **Minute hand** length factor – relation of minute hand length to clock radius.

17) [Minute hand] width factor – relation of minute hand width to clock radius.

18) [Minute hand] axis radius factor – relation of minute hand axis radius to clock radius.

19) [Minute hand] color.

20) [Hour hand] length factor – relation of hour hand length to clock radius.

21) [Hour hand] width factor – relation of hour hand width to clock radius.

22) [Hour hand] axis radius factor – relation of hour hand axis radius to clock radius.

23) [Hour hand] color.

24) [Hour mark] height factor – relation of hour mark height to clock radius.

25) [Hour mark] width factor – relation of hour mark width to clock radius.
26) [Hour mark] color.
27) [Hour mark] radius factor – relation of hour mark radius to clock radius. Here "hour marks radius" is distance from clock center to clock hour marks.
28) [Hour mark] type.

29) [Minute mark] height factor – relation of minute mark height to clock radius.
30) [Minute mark] width factor – relation of minute mark width to clock radius.
31) [Minute mark] color.
32) [Minute mark] radius factor – relation of minute mark radius to clock radius. Here "minute marks radius" is distance from

clock center to clock minute marks.

33) [Minute mark type](#).

34) [Clock numbers](#) height factor – relation of numbers height to clock radius.

35) [Clock numbers](#) color.

36) [Clock numbers](#) radius factor – relation of clock numbers radius to clock radius. Here "clock numbers radius" is distance from clock center to clock numbers.

37) [Clock numbers](#) font name.

38) [Clock background](#) color.
    39) [Settings button](#) color.

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4. Clock view

It is view you will usually see when you start the app.

View contains:

- Clock, which you can customize
- Settings-button

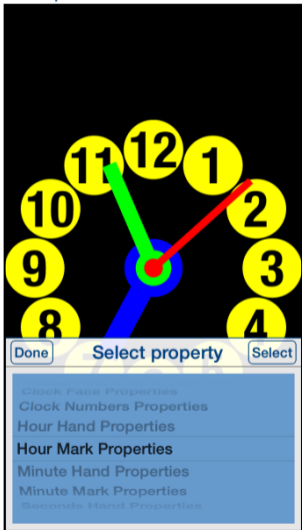When app was terminated in another view, next time you start app you will be directed to that view.

Here is detailed description of controls available from Clock view:

Double tap on view
Will start Select property view.

Selection picker will pop-up and you will have possibility to choose

clock element you want to change or inspect:

Done **Select property** Select

Clock Face Properties
Clock Numbers Properties
Hour Hand Properties
Hour Mark Properties
Minute Hand Properties
Minute Mark Properties
Seconds Hand Properties

Swipe to the left
Switch to next clock theme.

Swipe to the righ
Switch to previous clock theme.

Tap on clock eleme
Activates one of property views
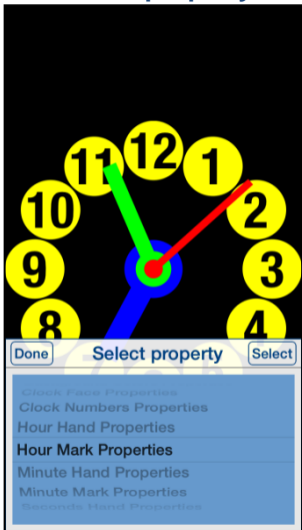dependent on what clock element
was tapped:

1) [Background colors](#)
2) [Clock face](#)
3) [Clock numbers](#)
4) [Hour hand](#)
5) [Hour mark](#)
6) [Minute hand](#)
7) [Minute mark](#)
8) [Seconds hand](#)

Activates **Settings view** – view used to change common app parameters and options.

4.1 Select property

Done   **Select property**   Select

Clock Face Properties
Clock Numbers Properties
Hour Hand Properties
Hour Mark Properties
Minute Hand Properties
Minute Mark Properties
Seconds Hand Properties

Sometimes tapping on clock element does not select exactly what you want. The reason might be too small distance between clock elements or clock elements overlap. In such case just double tap on screen - selection picker will pop-up and you will have possibility to choose clock element to change or inspect.

Controls in this view:

Done

Terminate the view without selecting clock property.

Tapping on any place outside the view.
Same as Done-button.

Double tapping on any place outside the view.
Same as Done-button.

Select

Select property and switch to property view.

Double tapping on picker.
Same as Select-button.

Clock Face Properties
Clock Numbers Properties
Hour Hand Properties
Hour Mark Properties
Minute Hand Properties
Minute Mark Properties
Seconds Hand Properties

Property picker - selects required clock property.

4.2 Background colors

This view is used for adjusting of colors for clock background and Settings-button.

View is activated by tapping on any place outside clock face or by using [Select property](#) view.

When activated Settings-button usually located in bottom-right corner is moved to top-left corner to avoid covering it by the view.
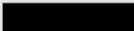
Background colors

Done Save
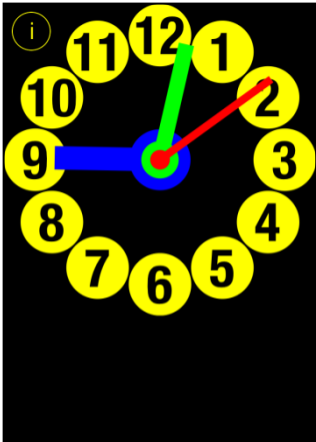
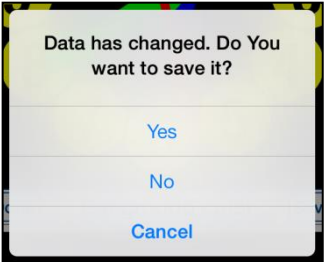Backround color

Settings button color

Controls in this view:

Done

Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the following alert:

Data has changed alert

User will have three possibilities:

1) Save changes and exit, by choosing "Yes".
2) Discard changes and exit, by selecting "No".
3) Continue editing, by selecting "Cancel".

Tapping on any place outside the view.
Same as Done-button.

| Save |

Save data and terminate view.

| Settings button color | |

Tapping on it activates [Color picker] for Settings-button.

4.3   Clock face

Clock face

Border color

Border width factor   0.025   −   +

Face color

Clock face radius factor   0.985   −   +

Seconds hand

Clock numbers   12

Minute marks   48

Hour marks   12

This view is used for adjusting of properties of clock face.

View is activated by tapping on empty place on clock face or by using **Select property** view.

Controls in this view:

Done

Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the **Data has changed alert**.

Tapping on any place outside the view.
Same as Done-button.

Save data and terminate view.

Border color

Tapping on it activates Color picker for Face border color.

Border width factor   0.025   −   +
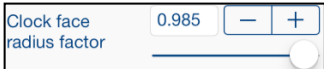
Slider and stepper used for adjusting of Clock face border width factor.

Face color

Tapping on it activates Color picker for Clock face color.

Clock face radius factor	0.985	−	+

Slider and stepper used for adjusting of **Clock face radius factor**.

Seconds hand	🔵

Switch for hiding/showing of seconds hand – setts **Show/hide seconds hand indicator**.

Clock numbers	12

Determines number of **Clock numbers**, when taped picker with possible numbers will pop-up:

0.985	— —
Clock numbers	4 **4**
Hour marks	1 **12**
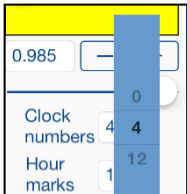
| Minute marks | 48 |

Determines number of Minute marks, when taped picker with possible numbers will pop-up.

| Hour marks | 12 |

Determines number of Hour marks, when taped picker with possible numbers will pop-up.

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4.4 Clock numbers

This view is used for adjusting of properties of clock numbers.

View is activated by tapping on any clock number or by using Select property view.

Controls in this view:

Done

Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the Data has changed alert.

Tapping on any place outside the view.
Same as Done-button.

Save

Save data and terminate view.

Font name

HelveticaNeue-CondensedBlack

Tapping on it activates **Font picker** for clock numbers.

Color

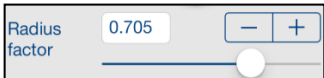Tapping on it activates **Color picker** for clock numbers.

Height factor | 0.424 | − | +

Slider and stepper used for adjusting of **Clock numbers height factor**.

Radius factor	0.705	− +

Slider and stepper used for adjusting of **Clock numbers radius factor**.

Done   **Hour hand**   Save

Color

Length factor   0.675   −   +

Width factor   0.150   −   +

Axis radius factor   0.196   −   +

This view is used for adjusting of properties of hour hand.

View is activated by tapping on hour hand or by using **Select property** view.

Controls in this view:

Done
Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the **Data has changed alert**.

Tapping on any place outside the view.
Same as Done-button.

Save

Save data and terminate view.

Color	

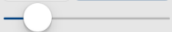Tapping on it activates [Color picker](#) for hour hand.

Length factor	0.675	−	+

Slider and stepper used for adjusting of [Hour hand length factor](#).

Width factor	0.150	−	+
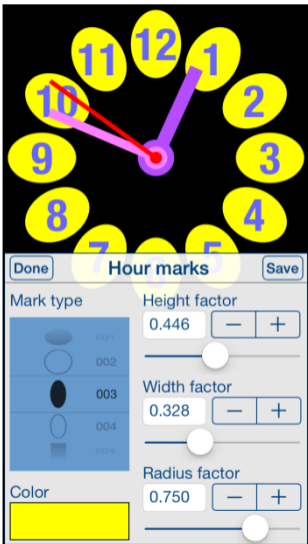
Slider and stepper used for adjusting of **Hour hand width factor**.

Axis radius factor | 0.196 | − | +

Slider and stepper used for adjusting of **Hour hand axis radius factor**.

4.6 Hour mark

Dependent on mark type, different sets of control will be shown.

This view is used for adjusting of properties of hour marks.

View is activated by tapping on any hour mark or by using Select property view.

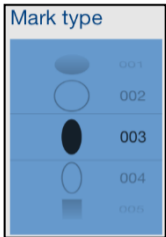Controls in this view:

Done
Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the Data has changed alert.

Tapping on any place outside the view.
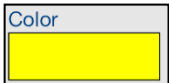Same as Done-button.

Save

Save data and terminate view.

Picker for selecting of mark type.
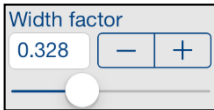There are 708 different mark
types to choose:

- Circles
- Ellipses,
- Squares
- Rectangles
- Stars
- Graphical symbols
- Apple Color Emoji

Color

Tapping on it activates [Color picker](#) for hour mark.

Height factor

0.446   —   +

Slider and stepper used for adjusting of [Hour mark height factor](#).

Width factor		
0.328	−	+

Slider and stepper used for adjusting of **Hour mark width factor**.

Radius factor		
0.750	−	+

Slider and stepper used for adjusting of **Hour mark radius factor**.

Size factor

0.350   −   +
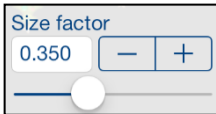
Slider and stepper used for adjusting of hour mark size factor – relation of hour mark size to clock radius. Slider and stepper are used when height and width of hour mark are scaled proportionally – "Size factor controls" are shown instead Height factor controls and Width factor controls.

Done   **Minute hand**   Save

Color

Length factor   0.760   −   +

Width factor   0.100   −   +

Axis radius factor   0.120   −   +

This view is used for adjusting of properties of minute hand.

View is activated by tapping on minute hand or by using Select property view.

Controls in this view:

Done

Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the Data has changed alert.

Tapping on any place outside the view.
Same as Done-button.

Save

Save data and terminate view.

Color	

Tapping on it activates [Color picker] for minute hand.

Length factor	0.760	−	+

Slider and stepper used for adjusting of [Minute hand length factor].
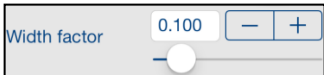
Width factor | 0.100 | — | +

Slider and stepper used for adjusting of **Minute hand width factor**.

Axis radius factor | 0.120 | — | +

Slider and stepper used for adjusting of **Minute hand axis radius factor**.

Done **Minute marks** **Save**

Mark type

001

002

003

004

005
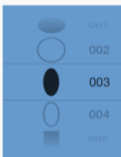
Color

Height factor

0.080   −   +
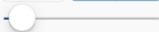
Width factor

0.042   −   +
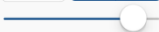
Radius factor

0.900   −   +

Dependent on mark type, different sets of control will be shown.

This view is used for adjusting of properties of minute marks.

View is activated by tapping on any minute mark or by using Select property view.

Controls in this view:

Done

Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the Data has changed alert.

Tapping on any place outside the view.
Same as Done-button.

Save

Save data and terminate view.

Mark type	
⬭	001
◯	002
⬤	**003**
◯	004
▪	005
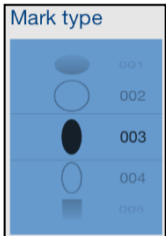
Picker for selecting of mark type. There are 708 different mark types to choose:

- Circles
- Ellipses,
- Squares
- Rectangles
- Stars

- Graphical symbols
- Apple Color Emoji

Color

Tapping on it activates [Color picker](#) for minute mark.

Height factor

0.446 − +

Slider and stepper used for adjusting of [Minute mark height factor](#).

Width factor

0.328   −   +
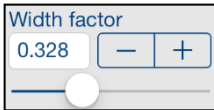
Slider and stepper used for adjusting of **Minute mark width factor**.

Radius factor

0.750   −   +

Slider and stepper used for adjusting of **Minute mark radius factor**.

Size factor

0.350   −   +

Slider and stepper used for adjusting of minute mark size factor – relation of minute mark size to clock radius. Slider and stepper are used when height and width of minute mark are scaled proportionally – "Size factor controls" are shown instead Height factor controls and Width factor controls.

4.9 Seconds hand

Done	Seconds hand	Save

Color

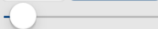Length factor   0.880   − +

Width factor   0.050   − +

Axis radius factor   0.063   − +
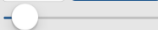
This view is used for adjusting of properties of seconds hand.

View is activated by tapping on seconds hand or by using [Select property](#) view.

Controls in this view:

Done

Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the [Data has changed alert](#).

Tapping on any place outside the view.
Same as Done-button.

Save

Save data and terminate view.

Color	

Tapping on it activates Color picker for seconds hand.

Length factor	0.760	−	+

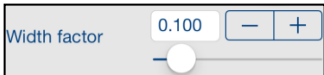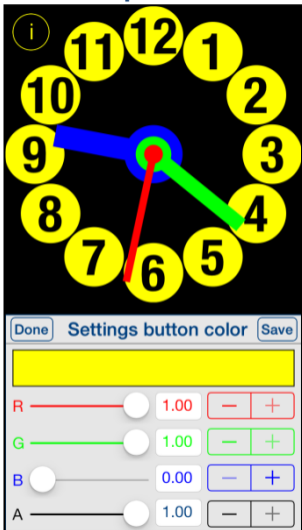Slider and stepper used for adjusting of Seconds hand length factor.

Slider and stepper used for adjusting of **Seconds hand width factor**.

Slider and stepper used for adjusting of **Seconds hand axis radius factor**.

4.10 Color picker

Done | **Settings button color** | Save

R ————————○——— 1.00 | − | + |

G ————————○——— 1.00 | − | + |

B ○————————————— 0.00 | − | + |

A ————————○——— 1.00 | − | + |

This view is used for adjusting of selected color.

View is activated by tapping on visualization of color you want to change or inspect.

Controls in this view:

Done
Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the Data has changed alert.

Tapping on any place outside the view.
Same as Done-button.

| Save |

Save data and terminate view.

Visualization of color.

R ———————○——— 1.00 | − | + |

Slider and stepper used for adjusting of red component of color.

G ———————○——— 1.00 | − | + |

Slider and stepper used for adjusting of green component of color.

Slider and stepper used for adjusting of blue component of color.

Slider and stepper used for adjusting of opacity value of color.

4.11 Font picker

This view is used for selecting of clock numbers font.

View is activated by tapping on font name in corresponding view.

Controls in this view:

Done
Terminate view without saving.

When changes were made, user will be prompted for decision what to do by showing the Data has changed alert.

Tapping on any place outside the view.
Same as Done-button.

Save

Save data and terminate view.

`0123456789` `−` `+`

Visualization of selected font and
stepper for selecting of
previous/next font.

HelveticaNeue (tv)
HelveticaNeue-Bold (tv)
HelveticaNeue-BoldItalic (tv)
HelveticaNeue-CondensedBlack (tv)
HelveticaNeue-CondensedBold (tv)
HelveticaNeue-Italic (tv)
HelveticaNeue-Light (tv)

Picker for selecting of font name.

Due to fact that not all fonts from
iOS are present in tvOS - to share
ClockIt themes between iOS and

tvOS you should use fonts – with "(tv)" in the name. Those fonts are present in both OS. Themes compatible with Apple TV will be marked with "(tv)" in the name.

5. Settings view

Basic colors, thick hands 3 iOS5 * (tv)
Basic colors, thick hands 4 iOS5 * (tv)
Basic colors, thick hands 5 iOS5 * (tv)

Basic colors, thick hands 6 iOS5 * #1 (tv)

Basic colors, thick hands 6 iOS5 * (tv)
Basic colors, thick hands 7 iOS5 * (tv)
Basic colors, thick hands 8 iOS5 * (tv)

Delete theme   Read only ⬤

Rename theme   **Duplicate theme**

Updates/minute   60   − +

Tick tock ⬤   Auto lock   Sync
                        ⬤   ⬤
Click ⬤

Sound volume ━━━━━━━━⬤

ClockIt, 1.3, build 3416, 2015-12-22,
Copyright (c) 2011-2016,
JZ IT-Konsult AB   ?

This view allows you to configure system parameters and settings. From this view you have also access to **Help view**.

In this view you can select active clock theme and adjust settings common for all themes.

Here you can also do some maintenance of themes – rename, delete and duplicate of themes.

Here is detailed description of controls available from Settings view:

Done

Terminate view without saving of data.

When changes were made, user will be prompted for decision what to do by showing [Data has changed alert](#).

Swipe to the right.
Same as Done-button.

Save

Save data and terminate view.

Show [Help view](#).

Theme picker – used for selection of active clock theme.

Themes compatible with Apple TV will be marked with "(tv)" in the name.

Read-only indicator for theme.

Button activates deletion of theme. To delete theme tap "Yes":

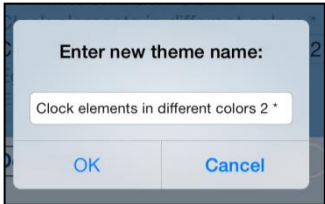Do You want to delete curent theme?

Yes   No

Rename theme

Button activates renaming of theme. Enter new name and confirm it by tapping on "OK":

Enter new theme name:

Clock elements in different colors 2 *

OK   Cancel

Double tap on Theme picker
Same as Rename-button.

Duplicate theme

Button activates duplication of
theme. Enter name for new copy
and confirm it by tapping on "OK":

Enter name for theme copy:

Clock elements in different colors 2 |

OK   Cancel

Updates/minute   60   [−] [+]

Determines frequency of clock update. When frequency is 1 update/minute seconds hand is not shown. When you chose higher update frequency the seconds hand will move more smoothly.

Tick tock

Activates/deactivates clock "tick-tock" sound. When activated clock tick-tocks every second.

Auto lock

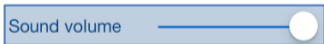Activates/deactivates "Auto lock" of your iOS device.

Use it with care – setting Auto-lock to off when iPhone/iPad is not connected to the charger will quickly empty device battery.

Sync

Activates/deactivates of synchronization of all clock setting with iCloud. When deactivated only theme data is synchronized.

Click

Determines if "click" sound is used in app.

Sound volume

Determines volume of sound effects of app.

6. Help view

Done   **Help**   Back

ClockIt for iPhone, iPad & TV

This view shows user guide for app.

Controls available in this view:

Done

Terminate view.

Swipe to the right.
Same as Done-button.

Back

Navigate to previous place in help.