

ClockIt for iPhone, iPad & TV

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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 easily customized. New themes can be 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.

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

Due to the 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.

App “Help-function” available in the app

or on WWW contains detailed description of all functions and options.

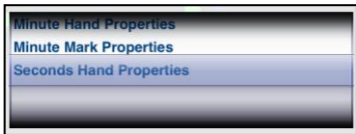
In the app has been implemented total saving/restoration of state – it means that app might be interrupted at any time (by phone call, pressing one of device buttons, screen lock) and your data will not be lost. When app is activated next time all not saved data will be restored.

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

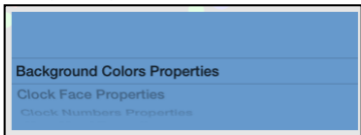
Pictures in current documentation are taken mainly from iPhone 6, iOS8.x and iOS7.x version of ClockIt. On devices, which are running older versions of iOS (6.x and 5.x) some controls will look slightly different. Following table contains couple of examples of such differences.

Picker

iOS6.x:



iOS9, iOS8, iOS7:



Stepper

iOS6.x:

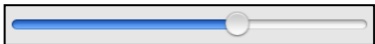


iOS9, iOS8, iOS7:



Slider

iOS6.x:



iOS9, iOS8, iOS7:



Text field

iOS6.x:



iOS9, iOS8, iOS7:



Switch

iOS6.x:



iOS9, iOS8, iOS7:

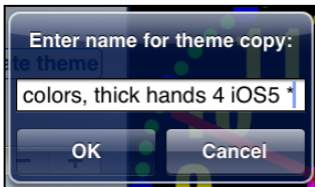


Alert

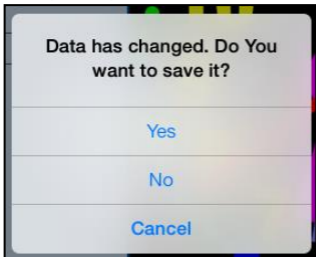
iOS6.x:



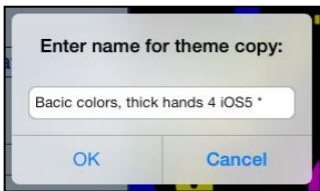
and



iOS9, iOS8, iOS7:



and



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

iPhone 4s

Done ClockIt - Settings Save

Basic colors, thick hands 2 iOS5 *
Basic colors, thick hands 3 iOS5 *
Basic colors, thick hands 4 iOS5 *
Basic colors, thick hands 5 iOS5 *
Basic colors, thick hands 6 iOS5 *
Basic colors, thick hands 7 iOS5 *
Basic colors, thick hands 8 iOS5 *

Delete theme
Rename theme
Duplicate theme

Read only
Tick tock
Click
Auto lock
Sync

Updates/minute 60 - +

Sound volume

ClockIt, 1.2, build 3257, 2015-11-08,
Copyright (c) 2011-2015,
JZ IT-Konsult AB

iPhone 5

Done ClockIt - Settings Save

Minimalist black on white, black background...
Minimalist gray on black *
Minimalist gray on black 2
Minimalist gray on black with border *
Minimalist gray on black with border 2
Minimalist gray on black, gray background *
Minimalist gray on white *

Delete theme
Rename theme
Duplicate theme

Read only
Tick tock
Click
Auto lock
Sync

Updates/minute 60 - +

Sound volume

ClockIt, 1.2, build 3257, 2015-11-08,
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iPhone 6

Done ClockIt - Settings Save

Basic colors, thick hands 4 iOS5 *
Basic colors, thick hands 4 iOS5 * #1
Basic colors, thick hands 5 iOS5 *
Basic colors, thick hands 5 iOS5 * #1
Basic colors, thick hands 5 iOS5 * #2

Delete theme Read only
Rename theme Duplicate theme

Updates/minute 60 - +
Sound volume

Auto lock Sync
Tick tock Click



ClockIt, 1.2, build 3257, 2015-11-08
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iPhone 6 Plus

Done ClockIt - Settings Save

Basic colors, thick hands 4 iOS5 *
Basic colors, thick hands 4 iOS5 * #1
Basic colors, thick hands 5 iOS5 *
Basic colors, thick hands 5 iOS5 * #1
Basic colors, thick hands 5 iOS5 * #2

Delete theme Read only
Rename theme Duplicate theme

Updates/minute 60 - +
Sound volume

Auto lock Sync
Tick tock Click



ClockIt, 1.2, build 3257, 2015-11-08
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iPad

Done ClockIt - Settings Save

Basic colors, thick hands 4 iOS5 *
Basic colors, thick hands 4 iOS5 * #1
Basic colors, thick hands 5 iOS5 *
Basic colors, thick hands 5 iOS5 * #1
Basic colors, thick hands 5 iOS5 * #2

Delete theme

Rename theme Duplicate theme

Updates/minute 60 - +

Tick lock


Click

Sync

Auto lock

Sound volume

Read only



ClockIt 1.2 build.207 2015-11-06
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J27Network AB

iPad Pro

Done ClockIt - Settings Save

Basic colors, thick hands 4 iOS5 *
Basic colors, thick hands 4 iOS5 * #1
Basic colors, thick hands 5 iOS5 *
Basic colors, thick hands 5 iOS5 * #1
Basic colors, thick hands 5 iOS5 * #2

Delete theme

Rename theme Duplicate theme

Updates/minute 60 - +

Tick lock

Click

Sync

Auto lock

Sound volume

Read only

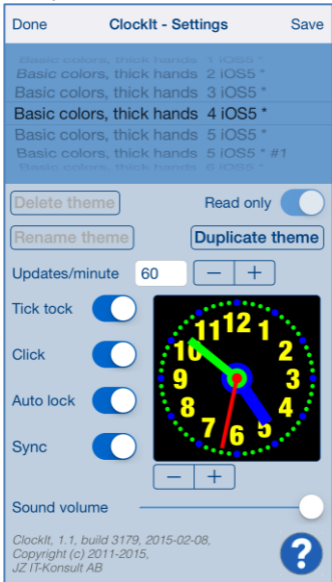


ClockIt 1.2 build.207 2015-11-06
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2. View orientation

All app views work in portrait and landscape orientation:



Portrait orientation

or



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

| | |
|---|-------------------------------------|
|  | <u>Hour hand</u> |
|  | <u>Minute hand</u> |
|  | <u>Seconds hand</u> |

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 seconds 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

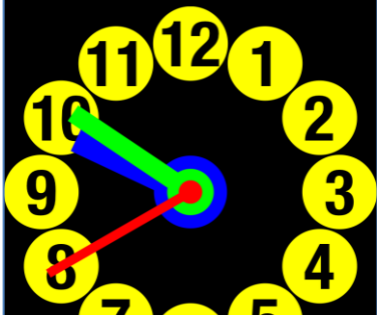
When app was terminated in another view, next time you start app you will be directed to that view.

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 right

Switch to previous clock theme.

Tap on clock element

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

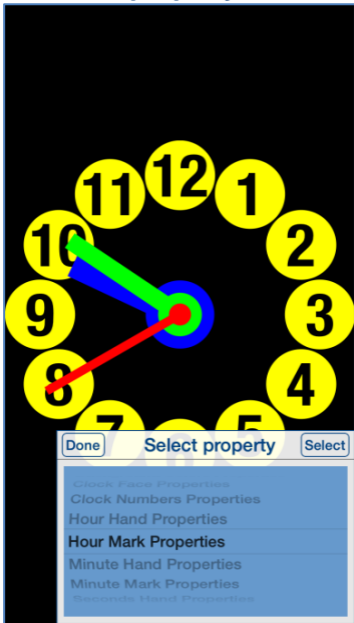
- 1) [Background colors](#)
- 2) [Clock face](#)
- 3) [Clock numbers](#)
- 4) [Hour hand](#)
- 5) [Hour mark](#)
- 6) [Minute hand](#)
- 7) [Minute mark](#)
- 8) [Seconds hand](#)



Activates [Settings view](#) – view used to change common app parameters and options.

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4.1 Select property



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:



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 property and switch to property view.

Double tapping on picke.

Same as Select-button.



A screenshot of a property picker menu with a blue background and a white border. The menu lists several clock-related properties. The first three items are dimmed: 'Clock Face Properties', 'Clock Numbers Properties', and 'Hour Hand Properties'. The fourth item, 'Hour Mark Properties', is bolded and highlighted with a white background. Below it are 'Minute Hand Properties', 'Minute Mark Properties', and 'Seconds Hand Properties', which are also dimmed.

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.

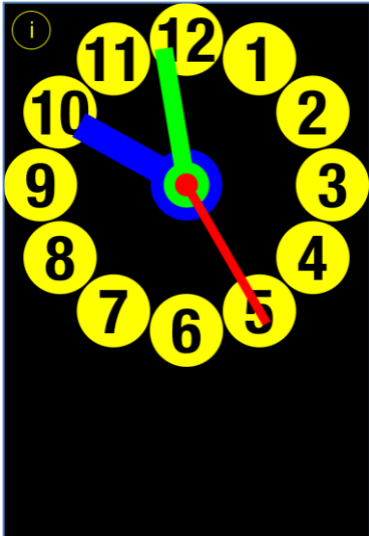
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4.2 Background colors

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.

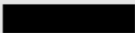


Done

Background colors

Save

Background color



Settings button color



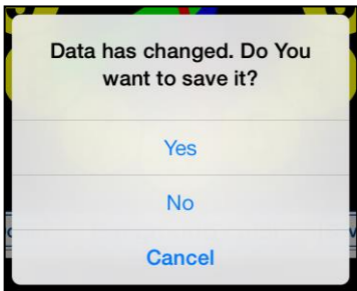
Controls in this view:



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".

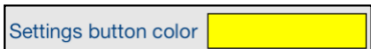
- 2) Discard changes and exit, by selecting "No".
- 3) Continue editing, by selecting "Cancel".

Tapping on any place outside the view.

Same as Done-button.



Save data and terminate view.



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

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4.3 Clock face



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:



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

−

+



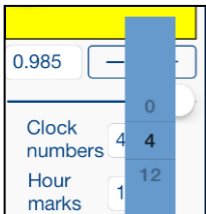
Slider and stepper used for adjusting of [Clock face radius factor](#).



Switch for hiding/showing of seconds hand – sets [Show/hide seconds hand indicator](#).



Determines number of [Clock numbers](#), when taped picker with possible numbers will pop-up:



Determines number of [Minute marks](#), when taped [picker with possible numbers](#) will pop-up.

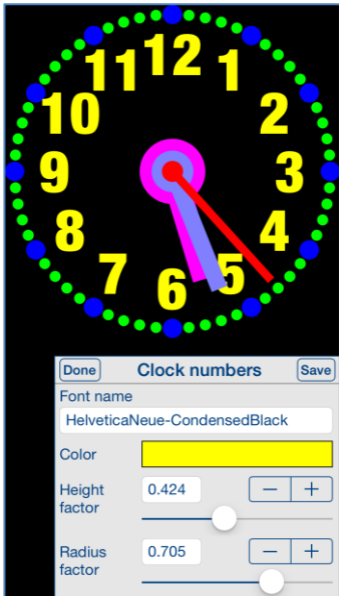
Hour
marks

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:



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.



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](#).

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4.5 Hour hand



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:



Terminate view without saving.

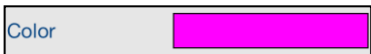
When changes were made, user will be prompted for decision what to do by showing the [Data has changed alert](#).

Tapping on any place outside the view.

Same as Done-button.



Save data and terminate view.



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

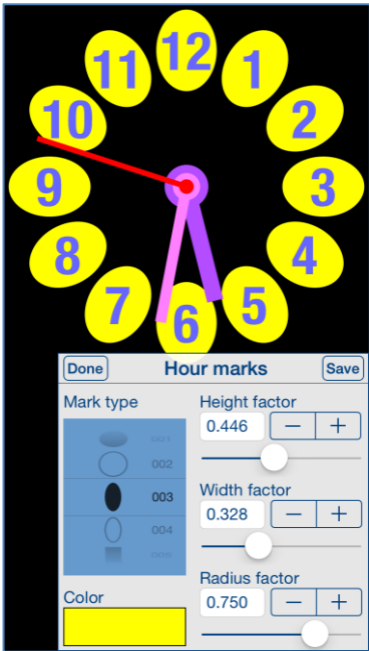
-

+

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

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4.6 Hour mark





Done **Hour marks** Save

Mark type

| | |
|---|-----|
|  | 398 |
|  | 399 |
|  | 400 |
|  | 401 |
|  | 402 |
|  | 403 |

Size factor

0.350

Radius factor

0.867

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:



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.

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

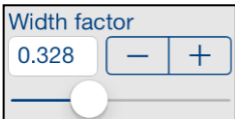
Color



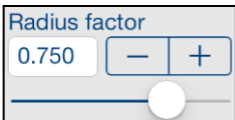
Tapping on it activates [Color picker](#) for hour mark.



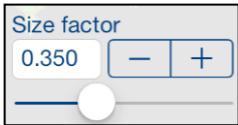
Slider and stepper used for adjusting of [Hour mark height factor](#).



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



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



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](#).

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4.7 Minute hand



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:



Terminate view without saving.

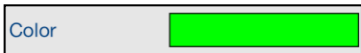
When changes were made, user will be prompted for decision what to do by showing the [Data has changed alert](#).

Tapping on any place outside the view.

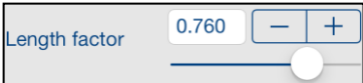
Same as Done-button.



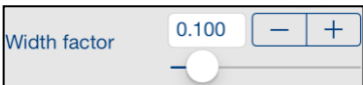
Save data and terminate view.



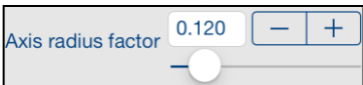
Tapping on it activates [Color picker](#) for minute hand.



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



Slider and stepper used for adjusting of [Minute hand width factor.](#)



Slider and stepper used for adjusting of [Minute hand axis radius factor.](#)






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4.8 Minute mark




Minute marks

Mark type

| | |
|---|-----|
|  | 001 |
|  | 002 |
|  | 003 |
|  | 004 |
|  | 005 |

Color



Height factor

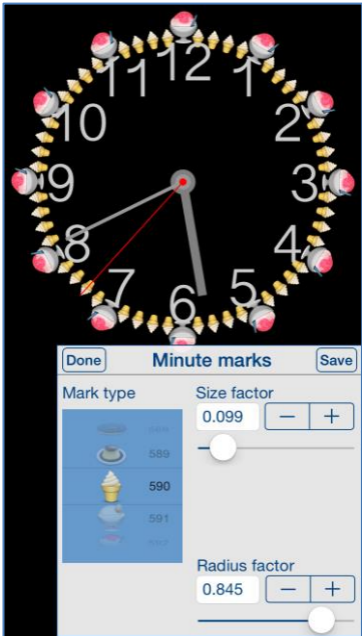
0.080

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:



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.

Mark type



001



002



003



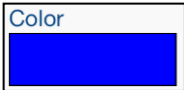
004



005

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

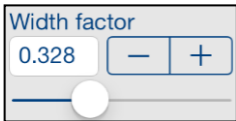
- Circles
- Ellipses,
- Squares
- Rectangles
- Stars
- Graphical symbols
- Apple Color Emoji



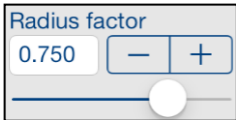
Tapping on it activates [Color picker](#) for minute mark.



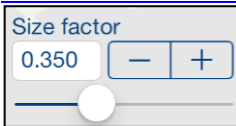
Slider and stepper used for adjusting of [Minute mark height factor](#).



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



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



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](#).

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4.9 Seconds hand



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:



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.

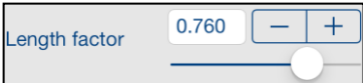
Same as Done-button.



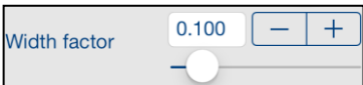
Save data and terminate view.



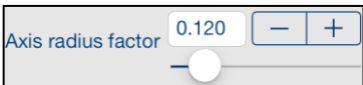
Tapping on it activates [Color picker](#) for seconds hand.



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



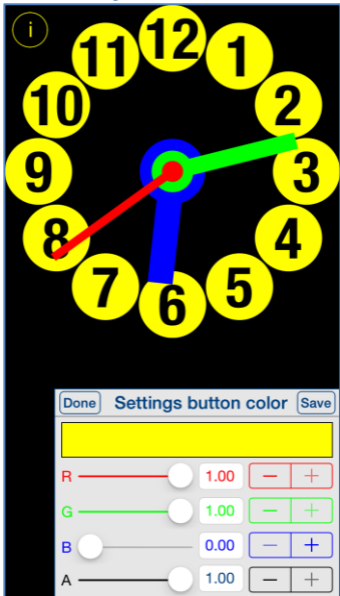
Slider and stepper used for adjusting of [Seconds hand width factor.](#)



Slider and stepper used for adjusting of [Seconds hand axis radius factor.](#)

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4.10 Color picker



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:



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.



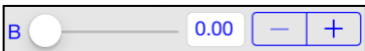
Visualization of color.



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



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



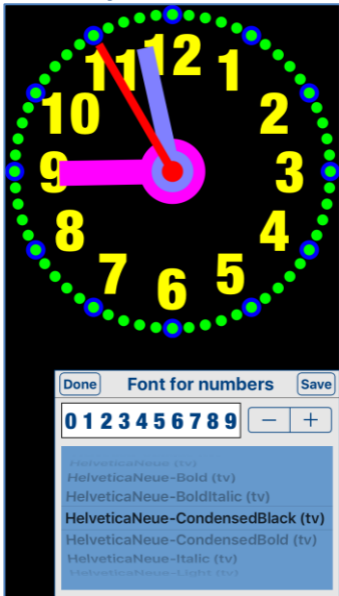
Slider and stepper used for adjusting of blue component of color.



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

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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:



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.

0 1 2 3 4 5 6 7 8 9

–

+

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.

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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:



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.

A rectangular button with a thin black border and the word "Save" in a blue, sans-serif font.

Save data and terminate view.



Show [Help view](#).

A blue rectangular box with a thin black border containing a list of clock themes. Each item consists of a theme name followed by a version number and a "(tv)" suffix. The items are: "Basic colors, thick hands 4 iOS5 * (tv)", "Basic colors, thick hands 4 iOS5 * #1 (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)", and "Basic colors, thick hands 8 iOS5 * (tv)".

| | |
|---------------------------|------------------|
| Basic colors, thick hands | 4 iOS5 * (tv) |
| Basic colors, thick hands | 4 iOS5 * #1 (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) |

Theme picker – used for selection of active clock theme.

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



Theme stepper – used for selection of previous/next clock theme.

Read only



Read-only indicator for theme.

Delete theme

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

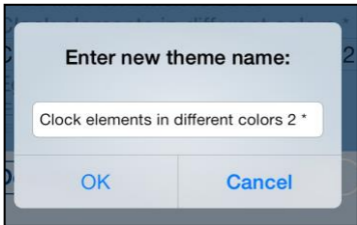
Do You want to delete curent theme?

Yes

No

Rename theme

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



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.

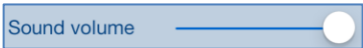
Use it with care – setting Auto-lock to off when iPhone/iPad is not connected to the charger will quickly empty device battery.



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



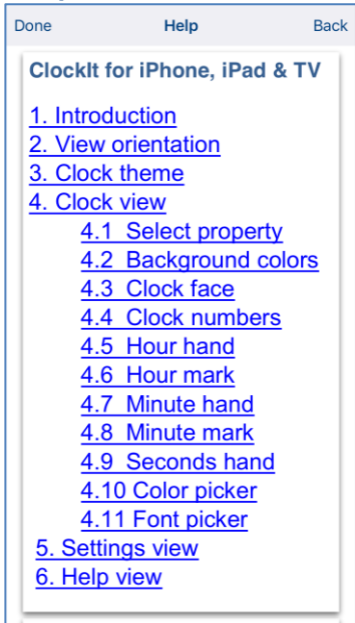
Determines if "click" sound is used in app.



Determines volume of sound effects of app.

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6. Help view



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.

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