

BIT CLOCK USER MANUAL



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Bit Clock

Bit Clock is the clock of **BitOnLive**, customizable with your own logo.

Through this tool, you can view the different states of the study, such as the indication of "On Air", the timer on the opening of the microphone in the studio and of the telephone connection.

Is an application that is drivable through commands get directly from the browser, and allows you to view information service or emergency messages with any browser.

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Bit Clock

Overview

On the monitor where it is installed the clock the program comes in as shown in the following image.



In the main section is visible clock with customizable logo.

On the right, there are the status keys. By default are set as follows:

- ONAIR
- MIC (if active appears in the counter in minutes and seconds)
- PHONE (if active part of the counter and the key flashes)

In the right bottom, indicates the LAN address to which access to configure and control **bit Clock**.



Configuration

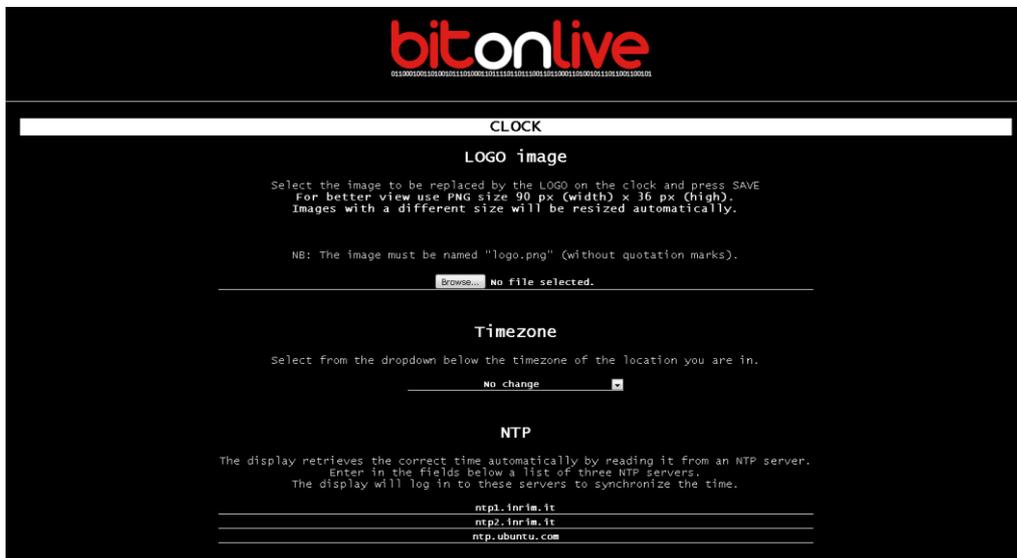
To access the configuration of BitClock write in the address bar of the browser IP and port that you find on the monitor followed by /config (e.g. 192.168.0.1:8080/config)

It appears the Login Screen



Indicate your username and password. When you first access correspond to "admin", "admin".

Once logged in you can access the configuration page.



Clock

Here you can change the image to be displayed inside the clock by selecting the Browse button.

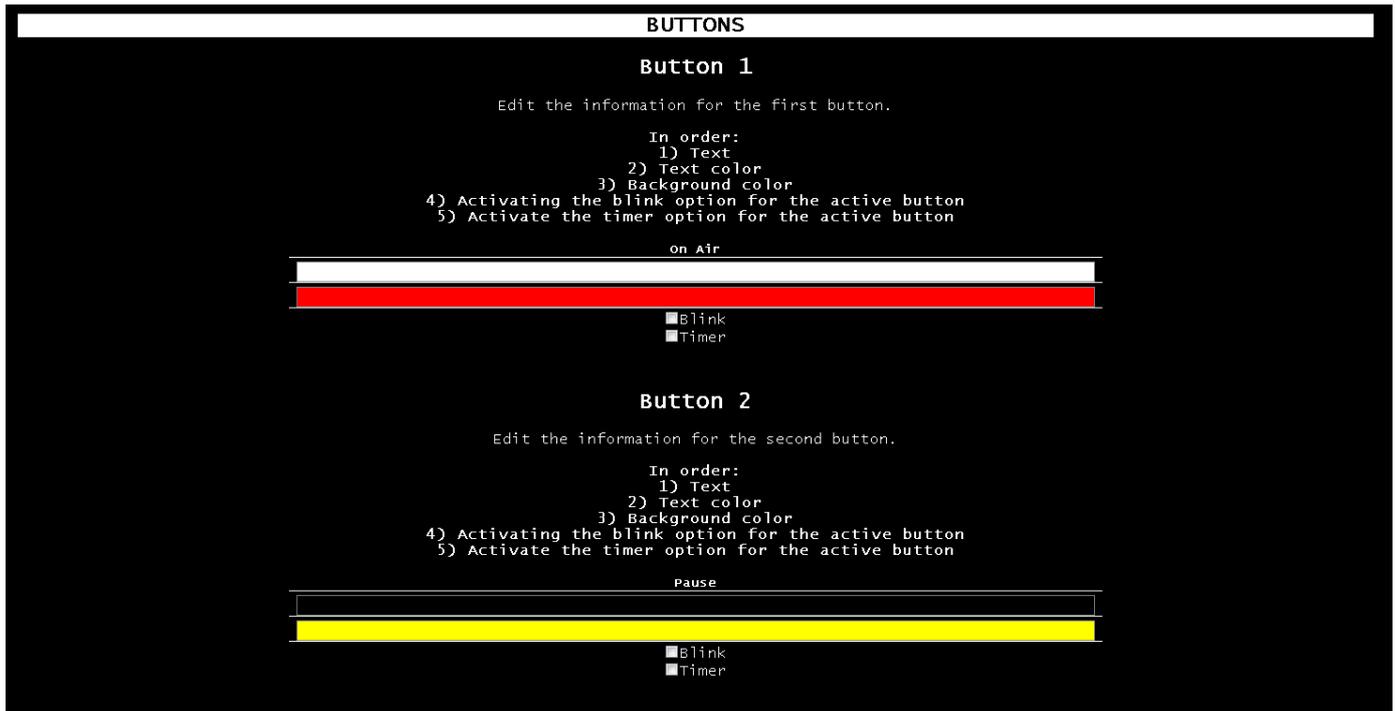
The requested image must be a .png files with a proportion of 1000 x 400 pixels. The file name must be "Logo.png".

You can change the time zone in section Timezone, set the NTP protocol for the synchronization of the clock and the time format (12h or 24h).

Security

In the Security section, you can change user names and passwords for granting access to the configuration (admin) and the management of the clock (user).

Buttons



In the section buttons, you can change the state of the buttons of the clock

- 1) The text
- 2) The color of the text
- 3) The color of the background
- 4) Activates the timer functions when the buttons are activated
- 5) Activate the flashing when the buttons are activated

System

In the System section, you can:

- Check the ignition and restart of the system
- Save the current configuration of the Bit Clock
- Load configurations previously saved
- Reset the system by resetting all settings to the initial state

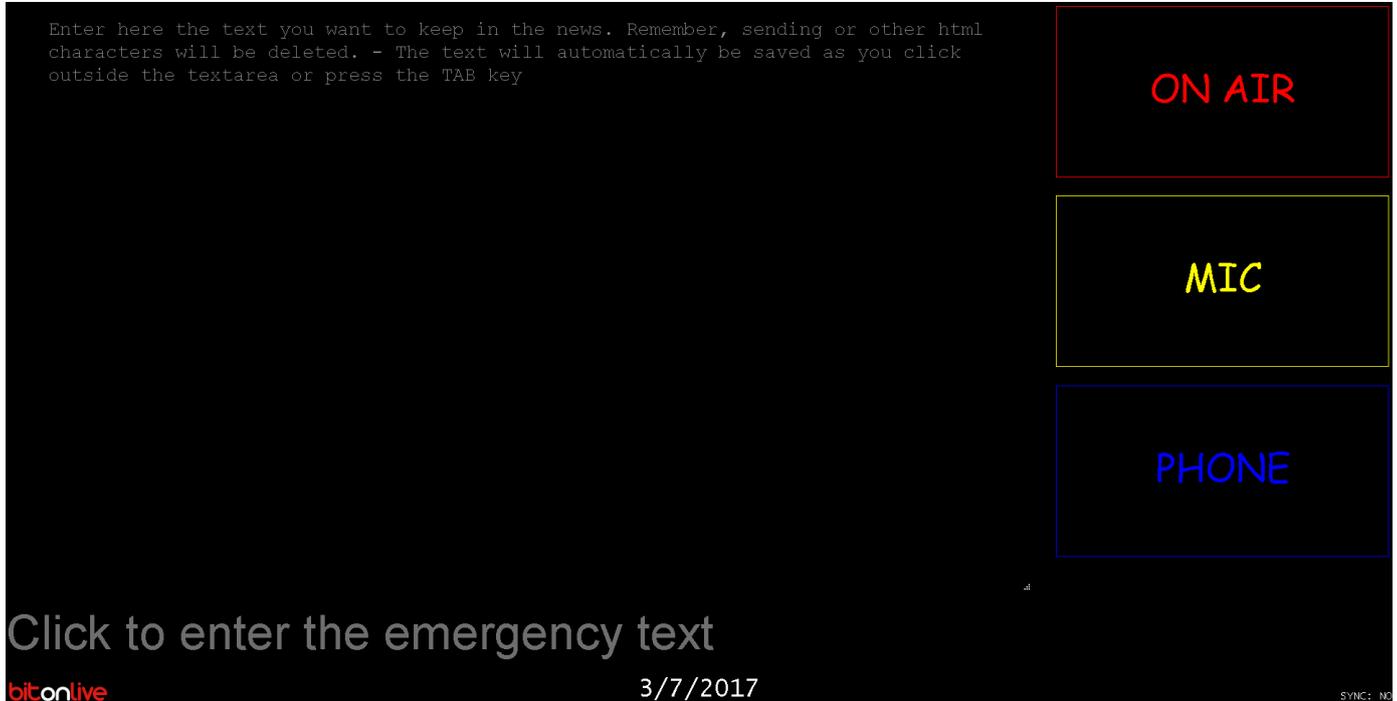
All the changes might require a restart of the system, which will be done automatically once you click one of the buttons "Save".

Control

By accessing the page /control.html (es. 192.168.0.1:8080/control.html) you can edit the text to make it appear as an overlay, activate emergency messages and activate or deactivate the three buttons of the state.

For the first access data are:

Id: "user". Pwd: "user" (without the quotation marks)



In the top section, you can specify the text to appear in the overlay.

Click to enable the change and then write the text and at the end of the edit press from the keyboard tab key to start the text overlay.

In the section below, instead, it is possible to insert a text of emergency that will be proposed in the overlay to the clock with a yellow background.

It is also possible to activate or deactivate the three buttons with a simple click of the mouse.

Commands from the browser

You can also send the commands for activation or deactivation of the buttons directly from the address bar using the commands TCP GET.

The first button

Enable	192.168.0.1:8080/status/label?id=0&status=1
Disable	192.168.0.1:8080/status/label?id=0&status=0

Second button

Enable	192.168.0.1:8080/status/label?id=1&status=1
Disable	192.168.0.1:8080/status/label?id=1&status=0

Third button

Enable	192.168.0.1:8080/status/label?id=2&status=1
Disable	192.168.0.1:8080/status/label?id=2&status=0

Display

You can view the status of the monitor even from a remote location on the LAN indicating always on the browser address and port (displayed on the clock) followed by /display.html (e.g. 192.168.0.1:8080/display.html)

In this way, you will see the same screen present on the monitor of the clock.

