

# PHOENIX Wi-Fi radio

## User manual



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### Important Information

- Keep this instruction manual for future usage.
- Please follow the setup process described in this user manual. If you strictly follow described instructions, you can expect better results and fewer technical difficulties.
- During installation and configuration, keeping close to your Wi-Fi access point documentation can be useful.
- The latest information and downloads concerning the Phoenix radio are available on **[www.wifi-radio.biz](http://www.wifi-radio.biz)**

### Important Safety Information

- DO NOT PLUG AND MODIFY ANY CONNECTION WHILE THE DEVICE IS TURNED ON.
- Before turning on your Phoenix radio, please make sure that the nominal functional tension indicated on your system's label corresponds to the alimentation tension. In a different case, please contact your reseller.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- While in stand-by mode, little power consumption remains. For a total disconnection of the device, unplug the power adapter and remove rechargeable batteries.
- The device should not be exposed to liquids. Any kind for liquid-filled object (bottle, can, vase...) should not be set close to the product.
- Do not expose the product to excessive humidity, rain, sand or heating sources such as heater or direct sun light.
- Please leave free space around the device to insure proper air circulation.
- Any changes or modifications made to this device that are not expressly approved by Com One may void the user's authority to operate the equipment.
- It is highly recommended that you remove batteries from the Phoenix radio if the device will not be used for a period of four weeks or longer.

 **Never insert non-rechargeable batteries in the device.**  
 **Replace furnished batteries only with AA rechargeable batteries (type Ni-MH, 1.2 V, 2500 mAh).**

### Regulations

This product has been designed, tested and manufactured in conformity with European directive R&TTE 1999/5/CE and receive FCC certification.

According to these certifications, this product can be launched in the following areas: Europe and America.

### WARNING

Explosion risk if rechargeable batteries are replaced with batteries of a wrong type. Please conform to the current legislation and do not throw away used batteries with traditional house waste. Please use appropriate disposal to prevent environmental contamination and noxious side effects over health.

# 1. Before you start

## The packaging content

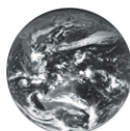
- 1 Phoenix radio
- 4 AA rechargeable batteries
- 1 universal power adaptor with 2 plugs (US and France)
- 1 quick start guide
- 1 user manual



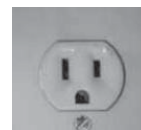
## Other mandatory elements



Set up Wi-Fi access point (wireless router)



Active Internet connection



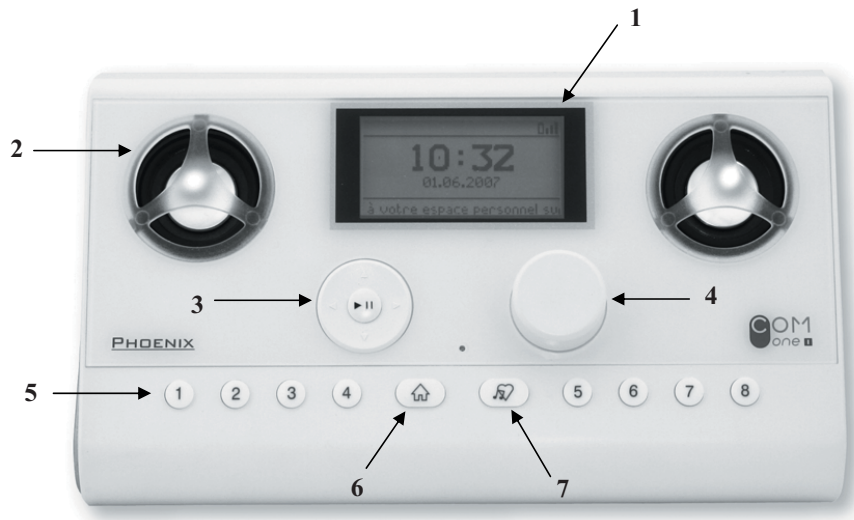
Power outlet

## Result after setup



## Your Phoenix radio

### Front side



- 1. LCD Screen
- 2. Speaker
- 3. Navigation pad
- 4. Volume control

- 5. Preset keys
- 6. Home button
- 7. Bookmark button

### Back side



- 8. **Power connector** (enables connection of the power adaptor for your Phoenix radio and reload of the rechargeable batteries)
- 9. **Audio out** (enables connection to a headset or to your Hi-Fi system)
- 10. **Reset Button** (enables reset default parameters of the Phoenix radio)
- 11. **USB connector** (enables you to connect a USB stick or a FAT32-format hard drive to listen to stored music files on the Phoenix radio)

## Load Batteries

4 AA rechargeable batteries (2500mA Ni-MH) are **supplied** and **set** in the Phoenix radio.

**Pull off the protection plastic strip without opening the trap.**

The rechargeable batteries automatically charge when the Phoenix radio is connected to the power outlet.

For first use, we advise you to plug in the power adaptor. Your rechargeable batteries will be fully loaded and can insure a four-hour autonomy in use (e.g.: radio listening) at a medium volume level. In stand-by mode (see page 16) the Phoenix radio autonomy becomes 24 hours.



**Do not insert non-rechargeable batteries in your Phoenix radio.**  
**Replace the provided batteries only with AA rechargeable batteries (type Ni-MH, 1.2 V, 2500 mAh).**

**It is highly indicated to remove batteries from the Phoenix radio in case of a four-week period of non-usage.**

### Connect power adaptor

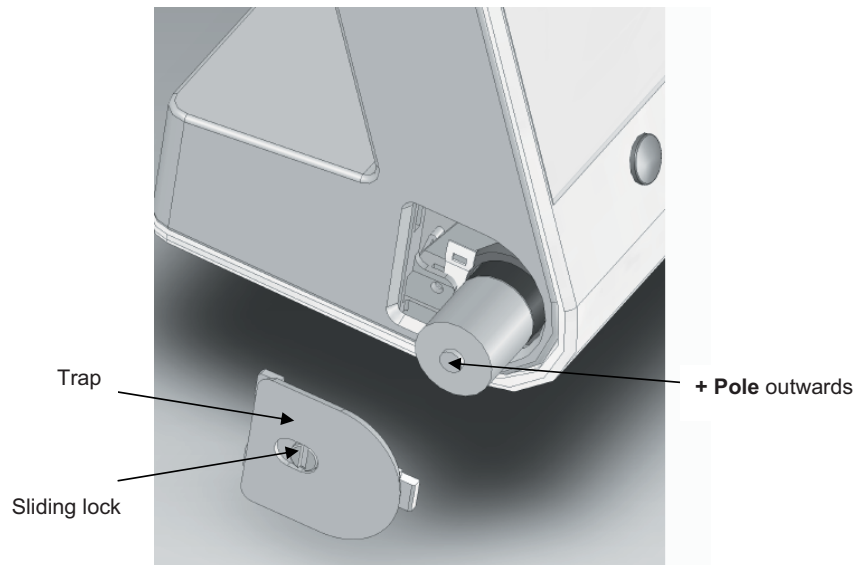
- 1 Check that the correct plug is set in the power adaptor.
- 2 Plug the adaptor connector in the 5V input of the Phoenix radio.
- 3 Plug the adaptor into the power outlet.

Note: *Strictly use the provided adaptor.*

### If you need to replace batteries, you need to:

- open the trap by sliding the lock to the left;
- insert batteries with the + pole directed outwards;
- close the trap by sliding the lock to the right.

The operation is finished when the trap is correctly set and does not move anymore.



## 2. Connect your Phoenix radio to the Internet

All selections are made with front side accessible keys.

Go to **Navigate through menus** section (page 9) for details about navigation pad (3) options.

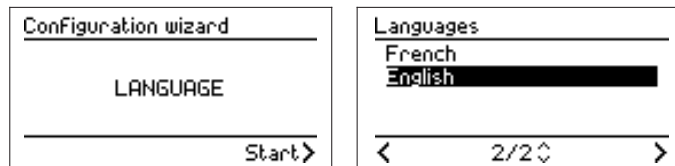
When you turn on your Phoenix radio for the first time, after a Com One welcome screen, you are invited to configure your Phoenix radio.



The different steps of the Phoenix radio configuration are described below.

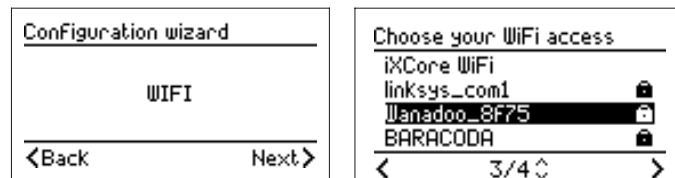
### Choose the language

Select the language you would like to use:



### Connect your Phoenix radio to your Wi-Fi access point (wireless router)



Select your Wi-Fi access point in the displayed list:



The Phoenix radio is designed to work with all Wi-Fi access points available in the consumer electronics market such as Netgear, Belkin, D-link, Linksys, 3Com ... or Internet boxes from Internet Service Providers.

## Enter your Wi-Fi access point security key

A Wi-Fi access point can be secured in three ways:

- **Non secure** : absence of a locker (in the previous screenshot, iXCore access point)
- **Secure WEP** : presence of a  locker
- **Secure WPA** : presence of a  locker

*Note:* The security mode of your access point is automatically discovered by the Phoenix radio.

Your Wi-Fi access point may be set for automatic connection. If not, you will now have to enter your Wi-Fi access point security key (WEP or WPA). This is a string of characters (figures and letters) indicated on your Wi-Fi access point or provided by your system administrator.

You can enter the security (WEP or WPA) by using the navigation pad (3) and by turning the volume control (4) to make characters scroll on the display.

- To validate a character entered, press **▶**.
- To correct a wrong character, press **◀** to select it then change it using the volume control (4).
- Once all characters entered, press **▶||** to validate the key and go to the next step.

The rotation of the volume control (4) gives access to the following characters:

```

| ◀ Ins 0 1 2 3 4 5 6 7 8 9
a A b B c C d D e E f F g G h H i l j J k K l L
m M n N o O p P q Q r R s S t T u U v V w W x X
y Y z Z [ \ ] ^ _ { | } ~ ! « # $ % & ' ( ) *
+ , - . / : ; < = > ? @ | ▶ Ins
  
```

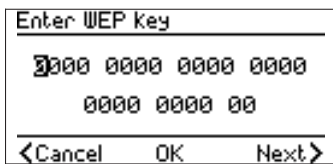
**3 special characters are available to facilitate the WPA security capture:**

- ▶** **Move** with this cursor through the character string using **◀ ▶** keys;
- ◀** **Erase** a series of characters wrongly entered. You just have to position this cursor at the end of the series and press **▶||**;
- Ins** **Insert** characters in already entered string of characters.

**Non secure Wi-Fi access point:**

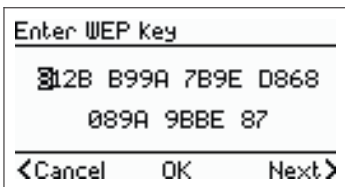
No security has to be entered; the Phoenix radio goes directly to the next step.

**WEP- secure Wi-Fi access point:**



When you select a WEP - secure access point, this screen appears. Please enter your WEP security key.

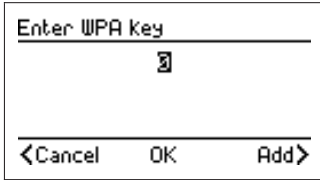
Note : Your Phoenix radio accepts 64-bits or 128-bits WEP keys.



Once the 26 characters are entered, press **▶||** to go to the next step



### WPA – secure Wi-Fi access point:

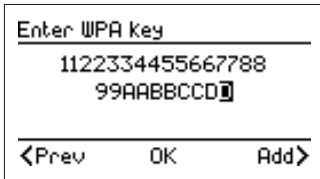


Enter WPA key

█

<Cancel OK Add>

When you select a WPA - secure access point, this screen appears.  
Please enter your WPA security key.



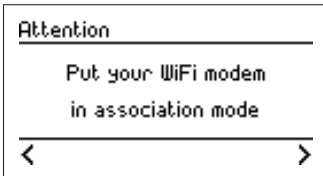
Enter WPA key

1122334455667788  
99AABBCCDD

<Prev OK Add>

Once the characters string is entered, press ► to go to the next step.

### Put your access point in association mode



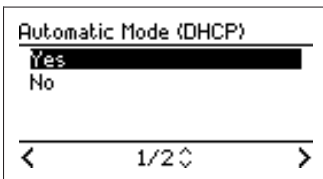
Attention

Put your WiFi modem  
in association mode

< >

This step is made for specific Wi-Fi access points that require a mechanical operation on the access point for the user to make sure a new device can be paired with this access point.  
Most of access points do not require this operation.

### Select the automatic connection mode



Automatic Mode (DHCP)

Yes  
No

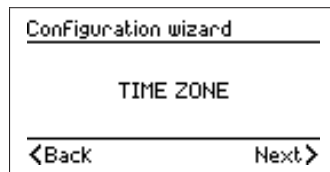
< 1/2 >

Select Yes (recommended) and validate.

*By choosing « No » (advanced users) you will have to enter the IP address of your Phoenix radio, your sub network mask, your gateway and your preferred DNS server.*

### Select your time zone

Select your time zone within the displayed list:



Configuration wizard

TIME ZONE

<Back Next>



Time zones

(MT-05:00) USA Eastern ☺  
(GMT-05:00) USA Indian ☺  
(GMT-04:00) Chile ☺  
(GMT-04:00) Canada Atl ☺

< 12/67 >

Your Phoenix radio is now ready to use!

### ADVICE : Customize your radio selections by logging in, for free, to [wifi-radio.biz](http://wifi-radio.biz)

Connect to the [www.wifi-radio.biz](http://www.wifi-radio.biz) web portal from a computer connected to the Internet, through a web browser such as Internet Explorer, Firefox or Safari.

The Phoenix radio enables you to receive and listen to a wide range of content and services. Some are available as soon as you turn on your Phoenix radio, others from the web portal.  
You are also allowed to select all the contents you want to find on your device.  
This customization is independent of your Wi-Fi access point, your computer or your ISP.

### 3. Use your Phoenix radio

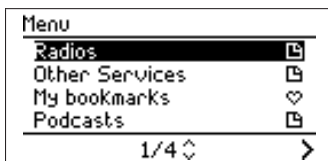
#### Navigate through menus



- ◀ Return to previous screen
- ▶ Validate a choice in the menu
- ▲▼ Move the cursor in the menu
- ▶|| In a listening mode, start/stop playing.

While navigating through menus and submenus, you can go forward and backward in the menu sequence by using ◀ ▶ as soon as > or < icons appear on the display. The 🎵 icon corresponds to an audio source that you can listen by using ▶.

#### Highlight an element



Press ▲ or ▼  
Maintain the pressing to scroll faster.

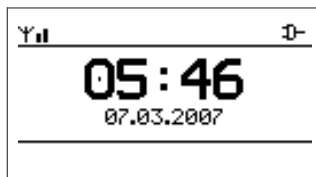
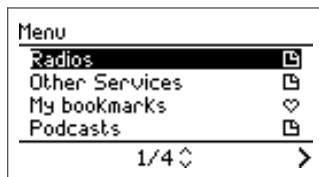
#### Select an element

Press ▶||. The screen displays the appropriate submenu or start playing the audio source.

#### Menus shift

The Home button 🏠 (6) enables you to go back at any time to the root menu.

A repeated press on this button enables shift between the Time & Date mode and the playing audio source mode.



## Radio Stations

You can navigate through the web radio station database and search by musical style, country and station.

The stations are organized according to a hierarchical menu, such as those used in classic computer folders.

You are able to edit and modify this organization thanks to the web customization interface ([www.wifi-radio.biz](http://www.wifi-radio.biz))

Audio sources are identified by the 🎵 icon.

### Start playing

Press on ▶ to start playing an audio source.

### Stop playing

While playing, the ▶ icon appears in the bottom area. Press ▶|| to pause, the || icon appears in the bottom area.

### Other options

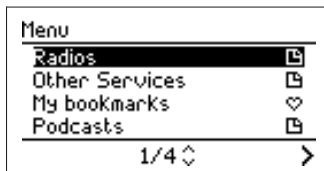
While listening, the following options are available:

Short press on ▶	Display options
Short press on ◀	Go back to the previous submenu screen
▲ ▼	Direct change to the next/previous radio station in the submenu
Long press on ▶ or ◀	Fast forward/backward For further info, please go to the Fast forward/backward mode (page 19).

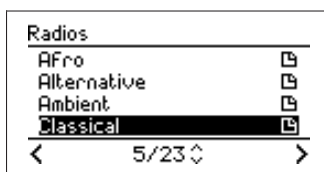
While listening, navigation is still possible through menus.

Nevertheless, navigation through special menus (Alarms, Wi-Fi, Update, Diagnostic, Reset) may interrupt playing for technical reasons.

### Example:



To start listening to a radio, select «Radios ».





Select a music style, for instance « Classical ».





Select a radio in the displayed list.  
Press ▶|| to start playing.

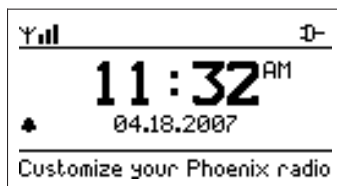
### Information associated to a playing audio source

While playing a web radio station, the LCD screen (1) displays information about the active station and the playing track. Nevertheless, not all stations broadcast this type of information. If you navigate through menus and you want to go back the information concerning the playing source, press the Home button .





Example	Display explanation
	<p><b>Bartok Radio</b> Station name</p> <p><b>LISZT Ferenc</b> Artist name</p> <p><b>BARTOK Bel</b> Track name</p>

### Time & Information

In this mode, your Phoenix radio displays time, date and information scrolling in the bottom area of the screen. This information is automatically and periodically updated. You can scroll through this information using  or .




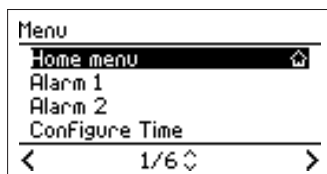
The following icons are displayed in the Time & Information mode :

-  Wi-Fi reception level
-  Batteries autonomy level (if present in the Phoenix radio). When plugged to a power outlet, the  icon appears.
-  Alarm clock icon  
This icon appears when one or two alarms are activated (see page 14)

Time & Information mode is the Phoenix radio default screen.

*Note : We advise you to keep your Phoenix radio in a range of 40 meters (120 feet) around your Wi-Fi access point in order to insure a good Internet connection. If you are in a closed environment (house, closed room), be aware that the more walls and floors you have between your Phoenix and your access point, the weaker the reception may be.*

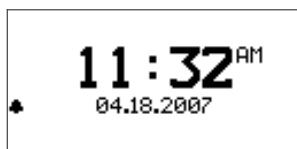
While in Time & Information mode, you can access the Options menu by pressing . This menu is a shortcut that allows you to access quickly to the functions described below.



## Stand-by Mode

The Stand-by mode enables you to reduce power consumption of your Phoenix radio.

***This mode corresponds to a partial extinction, although Alarm Clock and Time functions remain active.***



In this mode, your Phoenix radio will have the following characteristics :

- Only time and date are displayed
- No content is played, no text is scrolled
- Backlight is not active
- Wi-Fi connection is not active

### Set Stand-by mode

At anytime, you can set stand-by mode:

- by a two-second press on Home button (6);
- by selecting the « Stand by » option.

When the Phoenix radio is disconnected from the power outlet, the Stand-by mode becomes active after five minutes of inactivity if no audio source is playing.

*Note: If you are listening to an audio source, setting Stand-by mode stops the player.*

### Activate your Phoenix radio

- If your Phoenix radio is in Stand-by mode, you just have to press any button to activate it, Time & Information mode will appear.
- If you were listening to an audio source before Stand-by, you can re-launch playing by pressing ►||

## Menu

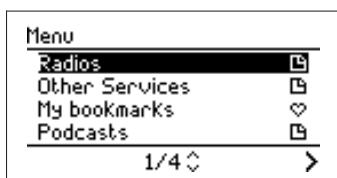
This mode corresponds to the root of all accessible menus from your Phoenix radio. To facilitate navigation, you can access this mode by pressing the Home button (6).

*Note: If you are listening to a station, the listening continues. You can go back to the playing screen with repeated pressings on Home button (6).*

Here are the principal icons and their functions that may appear in this menu :

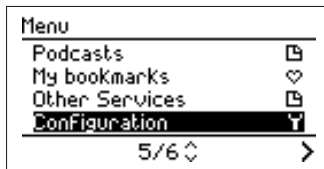
- folder
- > able to go forward
- < able to go backward
- ^ Go up in the options list
- v Go down in the options list
- Y Configuration
- ♡ Bookmarks
- ⏻ Stand-by

**The following seven menus are accessible from this point:**



- Radios (see page 10)
- Podcasts (see page 17)
- My bookmarks (see page 19)
- Other Services (see page 19)
- My USB key (see page 17) *if a USB key is plugged in*
- Configuration (see page 13)
- Stand-by (see page 12)

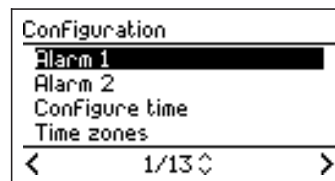
## Configuration



The Configuration mode is accessible by pressing the Home button (6) of your Phoenix radio. Select « Configuration » in the Menu mode.

The Configuration mode enables you to personalize your Phoenix radio parameters :

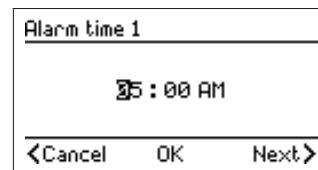
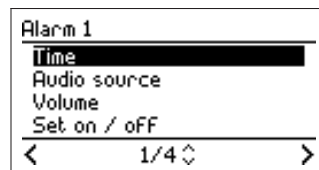
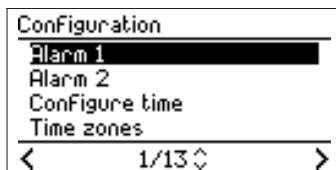
- Alarm 1
- Alarm 2
- Configure time
- Time zones
- Wi-Fi
- Languages
- Update
- Scrolling
- Backlight
- Stand-by mode
- Serial number
- Diagnostic
- Reset



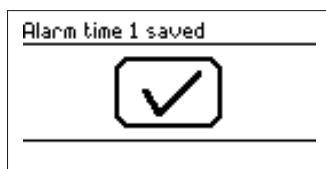
### Alarm configuration

Your Phoenix radio can set 2 different alarms. For each alarm, a different audio source can be chosen. The following screens explain how to configure an alarm.

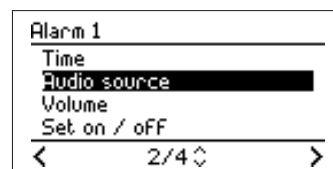
First of all, select the time.



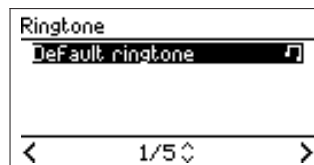
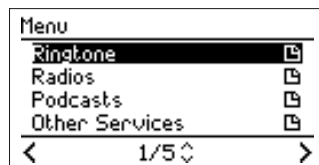
You can select the time by turning the volume control (4) to scroll characters. To validate the chosen character, press ►. To correct a wrong character, press ◀. Once time is selected, press ►|| to validate.



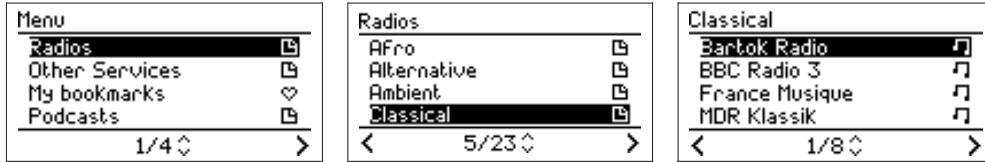
You are now able to select the audio source you want to use.



Option 1: Default ring tone



Option 2: Radio Stations

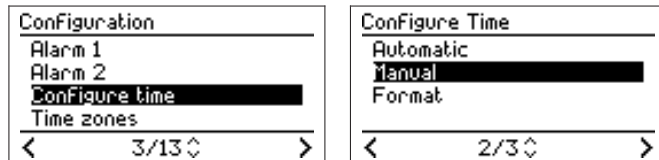


Option 3: Podcasts

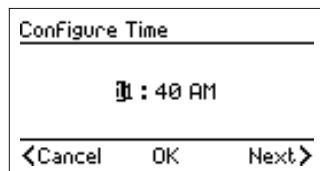


**Configure Time**

You can configure time automatically or manually

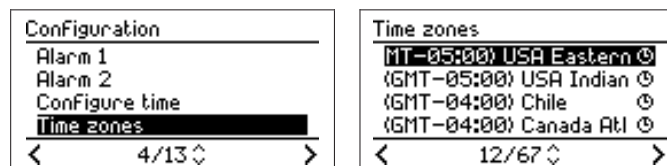


You can select the time by turning the volume control (4) to scroll characters. To validate the chosen character, press ►. To correct a wrong character, press ◀. Once time is selected, press ►|| to validate.



**Time zone configuration**

To configure time on your Phoenix radio, you just have to choose the appropriate time zone.

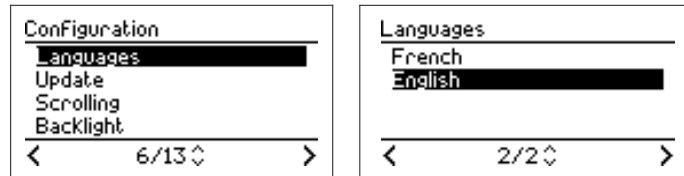


**Wi-Fi configuration**

Please go to page 6.

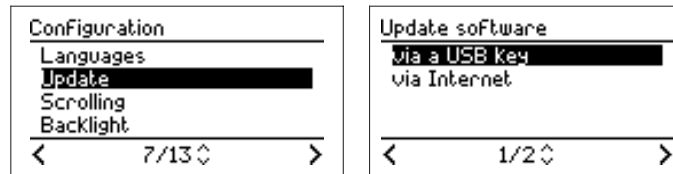
### Language configuration

To set the language, select the appropriate one, as shown below.



### Update

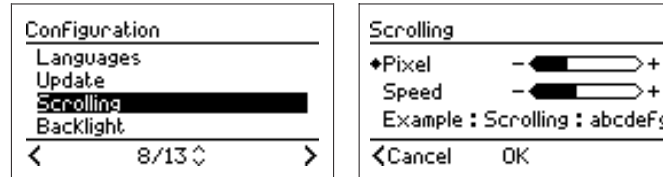
Your Phoenix radio can be updated via the Internet. Using this function, the Phoenix radio will check for a newer version of the firmware. Update can also be performed thanks to a USB key with appropriate content. Firmware updates will be available on the [wifi-radio.biz](http://wifi-radio.biz) web portal.



*Note:* Do not unplug your Phoenix radio during the update operation.

### Scrolling

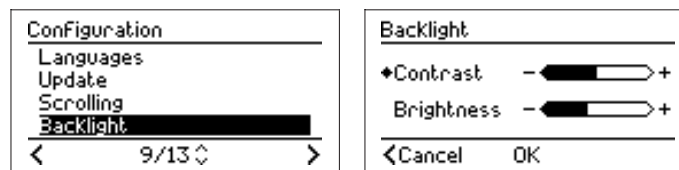
It is possible to adjust pixels and scrolling speed.



Pixels and scrolling speed can be changed by turning the volume control (4).

### Backlight

It is possible to adjust contrast and brightness.

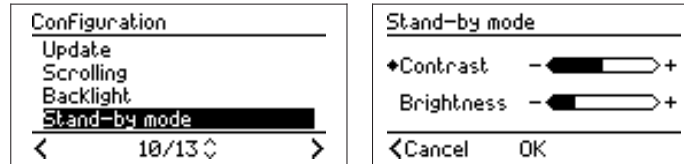


Contrast and brightness can be changed by turning the volume control (4).



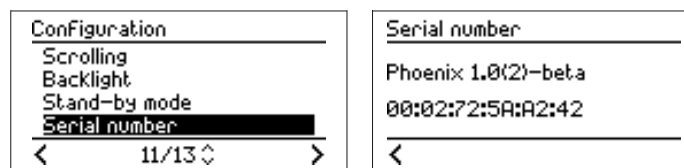
### Stand-by mode

It is possible to adjust contrast and brightness when the Phoenix radio display is inactive. Contrast and brightness can be changed by turning the volume control (4).



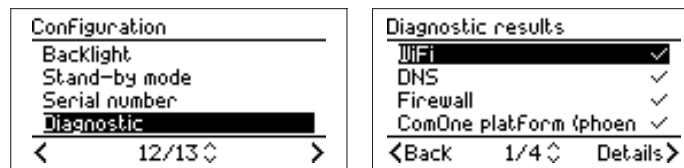
### Serial number

The serial number corresponds to your Phoenix radio unique identification number.



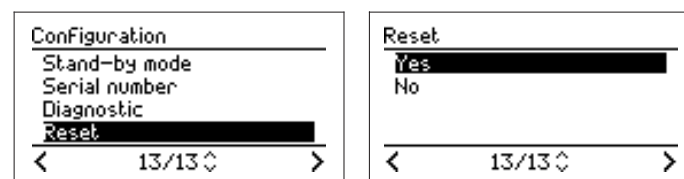
### Diagnostic

The Diagnostic mode has been designed to provide you optimal technical support. This function will be useful for our technical staff if ever you still have technical problems with your Phoenix radio.



### Reset

The Reset mode enables you to reinitialize your Phoenix radio with default parameters. Once reset is performed, your Phoenix radio restarts and you directly access the configuration wizard. From this step, please follow the indications of « **Connect your Phoenix radio to the Internet** » section.



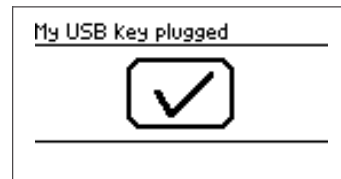
## Listen to your Music Files


### USB key

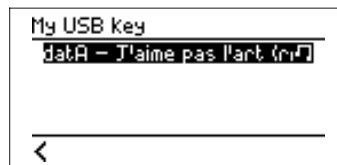
A USB connector (11) is located in the back side of the Phoenix radio. It is possible to plug a USB key or a FAT32-format hard drive in order to listen to your audio files through the Phoenix radio.

Compatible formats are: MP3 (up to 320 kb/s), WMA (up to 320 kb/s), Real audio and WAV.

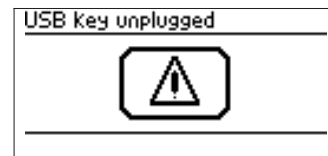
While plugging in your USB key, the following screen appears.



1. Only folders and audio files stored on the key appear on the screen.
2. Select a folder and validate by pressing **▶**. When you see a  icon, it means that you can play the file.
3. Same folder files are played as a playlist, in the displayed order.
4. You can navigate through files by pressing **▲▼** and go fast forwards/backwards by a 2-second press on **◀** or **▶**.



While unplugging your USB key, the following screen appears.



Note: Information related to your audio files stored on a USB key cannot be bookmarked.

### Distant access to your computer Music library

From the Phoenix radio, you are able to access your whole music library stored on your computer, as soon as this device is compatible with UPnP standards.



If your media server is turned on, it will automatically appear in the Phoenix radio home menu and the navigation through your server is very similar to what is described for USB key.

The number of servers is not restricted, i.e. the Phoenix radio is able to reach music files from different devices located under the same WiFi sub network.

## Listen to Podcasts and Audio Books

### Podcasts



Podcasting is a new medium of broadcasting audio and video files on the Internet. Podcasts enable users to download their favorite shows in order to listen to them at anytime they want and create their own playlists thanks to these different subscriptions (usually for free). The podcasts are automatically updated thanks to the RSS technology.

For further information, we recommend the [www.podemus.com](http://www.podemus.com) website.

Podcasts are available in the Podcasts menu.



Each podcast has a limited duration and is periodically and automatically updated.

A podcast can be listened to at any time. On your Phoenix radio, you can listen up to 10 shows from the same podcast.

### Audio books



An audio book is a book whose reading has been recorded; You listen to the book instead of reading it. Traditionally, its support was the audio tape, more recently, it can be found on CD or on downloadable MP3 files.

Audio books are accessible from the **Other Services** menu.

As its printed version, an audio book can be split in chapters that you can skip or "read" again at your convenience.

*Idea:* Add or personalize your podcasts or audio books on your personal interface on the **www.wifi-radio.biz** web portal.

#### Listen to a podcast or an audio book

Select a podcast or an audio book and start playing by pressing **▶|L**. You can go forward/backward by pressing for two seconds on **◀** or **▶**.

*Note:* Podcast shows are displayed from the most recent to the oldest.

*Note:* For an audio book, press **▼** to move from a chapter to the following one.

#### Other options

You can access the following options by pressing **▶**:

- Fast forward/backward
- Equalizer
- Assign to alarm 1 (to wake up with the latest show)
- Assign to alarm 2 (to wake up with the latest show)
- Stand-by

## Fast forward/backward

While playing an audio source (except web radio stations), you can go forward/backward in the playing track/show/chapter.



You can access this mode by :

- pressing ► or ◀ for 2 seconds while playing
- pressing ► while playing to select this option

### Navigate through the file

In this mode, a navigation bar appears in the screen bottom area.


- To go forward, keep pressing ►;
- To go backward, keep pressing ◀;
- Using the volume control knob, navigate through the file and select the restart point.

Once you have selected the restart point, release the button and the Phoenix radio restarts playing.

### Back to Playing Mode

The playing mode will reappear after five seconds of inactivity.

## Bookmarks

The web radio stations that you can listen to on your Phoenix radio may contain metadata concerning the playing song or show. If you want to bookmark this information, just press the  button. These bookmarks can be useful in case of future buying, for instance.

### Recover my bookmarks

You can memorize up to 1,000 bookmarks on your Phoenix radio that you can find in **My Bookmarks** menu.

You can also access to these bookmarks on your personal space on the [www.wifi-radio.biz](http://www.wifi-radio.biz) web portal.

*Attention: Only information is memorized, a bookmark is not a copy of the original track.*

## Other Services

The **Other Services** menu gives you access to exclusive content and services selected by Com One and its partners.

Among these contents, you will find ring tones, audio books and audio backgrounds that give a new dimension to your Phoenix radio.

Other content and services can be reached through your personal space on [www.wifi-radio.biz](http://www.wifi-radio.biz)

## Memorize a radio station or a podcast as a preset

Your Phoenix radio enables you to select 8 audio sources as podcasts or radio stations and have quick access to them through the preset keys.

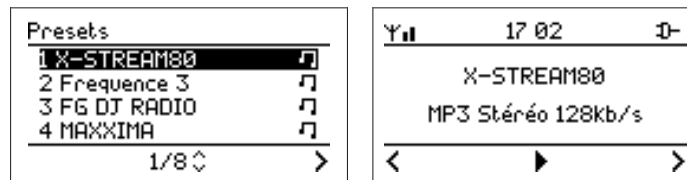


### Memorize

While playing, a long pressing (two seconds) on the chosen preset key (5) automatically memorizes the source.

### Play

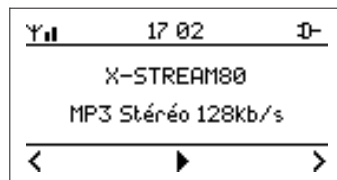
A memorized source can be easily played by pressing the appropriate key. While pressing, the presets list appears.



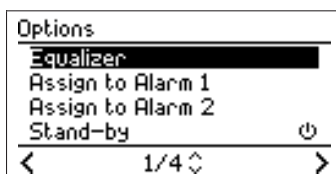
When the Presets list appears, you can select any preset by scrolling with ▲▼ and validate with ►.

### Playing Mode

This mode is accessible when you listen to an audio source. From this point, you can access the options associated to the playing source.



To access Options, press ►, you will see the following screen.



Among Options, you can find:

- Equalizer
- Assign to Alarm 1
- Assign to Alarm 2
- Stand-by

## Alarm clock function

You can program any kind of audio source as an alarm: Internet Radio, USB key, compatible MP3 player, Podcast, Audio Book...

To do so, you can either:

- configure your alarm from the **Configuration** mode, then Alarm 1 or Alarm 2 ;
- Choose an audio source and configure it as an alarm from the **Options** menu, accessible by pressing ►.

*Note: You can assign a podcast to an alarm and you will automatically be awakened up by the latest available show.*

## 4. Personalize Your Phoenix Radio: Visit [wifi-radio.biz](http://www.wifi-radio.biz)

Once connected to <http://www.wifi-radio.biz>, you can activate and access new content and services for free or with subscription fees.

### How to log in on [wifi-radio.biz](http://www.wifi-radio.biz) portal

1. Go on [www.wifi-radio.biz](http://www.wifi-radio.biz)
2. Enter the Log In section
3. If you are a new user, click on register; if you are already registered go to step 6.
4. Enter at least the mandatory fields (login, password (twice) and email). Nevertheless, we advise you to enter information in the other fields in order to propose to you appropriate content as it becomes available once logged in on the configuration interface. Click Save.
5. You will receive a confirmation email, click on the link included in this email to confirm your registration and activation.
6. Please go back to log in page and enter your personal account information (email address and password).
7. Once arrived on the Radio subscription page, please enter your Phoenix radio serial number (see page 16), also called Mac address and click OK.

*Note: Please make sure you have enter your Mac address with : between pairs of figures (ex: 00:02:72:5A:A2:6F)*

8. You are now ready to enter the radio configuration page
9. Once arrived on the Phoenix Radio Configuration page, you will see 5 tabs:
  - Radios
  - Podcasts
  - Bookmarks
  - Presets
  - OptionsAnd 2 catalogs:
  - The general one (left side) that reference all the contents available
  - Your personal one (right side) that shows what is present in your Phoenix radio.
10. Add a radio station or a podcast that is not present yet on your Phoenix radio. Drag'n'drop items from the general catalog to your personal catalog and the items will automatically appear on your Phoenix radio. (Synchronization should take less than a minute.) You can also change the eight presets and access your bookmarks. If ever the content (radio station or podcast) you want to add is not present in our database please refer to the Options tab and go to the Manage my catalog/ Add new contents section.
11. Enjoy!

## ANNEXES

### A. Technical specifications

**Dimensions:** 220mm (W) x 123mm (H) x 78mm (D) (8.8 in (W) x 4.73 in (H) x 3.12 in (D))

**Weight:** 638 grams (1.41 Lbs) (Phoenix radio with batteries included)

**Power consumption:** 5V – 2A

**Power adaptor:** 100-240 V, 50/60 Hz, 0.5 A

**Tmra:** 40°C/104°F

**Input Connector:** port USB (master)

**Output Connector:** stereo audio connector 3.5mm

**Wireless access point:** 802.11g (b compatible)

### B. Complementary information

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The user may find the following booklet, prepared by the Federal Communications Commission, helpful: How to Identify and Resolve Radio/TV Interference Problems. This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

Pursuant to Part 15.21 of the FCC Rules, any changes or modifications to this equipment not expressly approved by Com One may cause, harmful interference and void the FCC authorization to operate this equipment.

#### Wireless notice

This product emits radio frequency energy, but the radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact with the antenna during normal operation is minimized.

## C. Warranty

This warranty covers material and manufacturing defects provided that the product is used properly in accordance with the documentation accompanying the product.

**This warranty applies to the product only and does not cover any other software or peripheral equipment, which may accompany this product when purchased.**

Note: In order to prevent damage to your product, do not use the product in an excessively hot or humid environment.

You alone are responsible for any malfunction of this product caused by any accident (dropping, shocks, etc.), incorrect use, incorrect application, product alteration or any use of the product outside the specified country or countries. This warranty does not cover any damage caused by any malfunction or via the telephone line (lightening, etc.). Nor does it cover problems affecting the external appearance of the product.

Likewise, this warranty will not apply if the product has been opened or modified by non COM ONE-authorized personnel, if the product in question is returned without its accessories (e.g. cables), or if the serial number labels have been altered.

Your product is covered by a one (1) year warranty.

During the warranty period, in the event of any malfunction caused by performance defects, COM ONE will repair the product so as to restore it to working order, or replace the product with a new or functionally similar product of equal value.

If the returned product is not defective, the user will bear the forwarding charges as well as the costs for inspection or any other servicing of this product. Therefore, be sure the product is actually defective before returning it.

After expiration of the warranty period, Com One will repair the product at your expense or replace the product and invoice you for the replacement based on the estimated retail price of this product, unless we have discontinued manufacturing and distributing such products due to their technological obsolescence.

The product should be returned to your dealer and must be accompanied by its cables together with proof of purchase and a detailed statement of the malfunction. Under no circumstances should the product be returned directly to COM ONE; if this happens, the product returned will not be handled and will be returned to you at your expense.

COM ONE will not be liable for any damage or loss during transport. You will need to ensure that the product is correctly packaged for transportation. COM ONE will not be liable for any direct or indirect damage of any kind (physical, property, financial, etc.), which may be caused by any malfunction of its products. COM ONE will not be liable for any damage to other peripheral products caused by any malfunction of any of its products.



## D. Troubleshooting

### ***Your Phoenix radio does not start up***

- Check that the batteries are inserted correctly.
- Check that your Phoenix radio is connected to the power outlet.
- Replace the batteries with new rechargeable batteries.

### ***The function keys don't work***

- Check that the batteries are inserted correctly.
- Check that your Phoenix radio is connected to power outlet.
- Replace the batteries with new rechargeable batteries.

### ***Impossible to find or connect to the network***

- Check that your Wi-Fi access point is powered up.
- Check that your Phoenix radio is connected to the power outlet.
- Check that you have entered the WEP/WPA key correctly.

### ***Impossible to start playing an Internet web radio station***

- Try again later. The station may be temporarily inaccessible.

### ***No sound comes from the loudspeakers***

- Check that your Phoenix radio volume is not set to mute.

### ***Saturation***

- Saturation or bad sound quality may come from the Internet servers used especially by commercial FM radio stations.

## E. Technical Support

### Contact

#### Need help?

Online help and documentation is available on our Internet site

<http://www.wifi-radio.biz>

#### Technical support

[supportUSA@com-one.biz](mailto:supportUSA@com-one.biz)

1-800-913-2090  
(Toll Free – Office hours)

### Important information

When you contact the Hotline, you will probably be asked to supply some information about your Phoenix radio. Here is the procedure to find it.

The software version and unique identification number of your Phoenix radio are shown in the **serial number** submenu of the **Configuration menu**

Configuration	Serial number
Screen	Phoenix 2.0(6)-RevB
Night mode screen	00:02:72:56:24:8E
<b>Serial number</b>	
Reset	
< 10/11 >	<

In the example above, Phoenix 2.0(6) is the software version.  
00:02:72:56:24:8E is the Phoenix radio serial or identification number (also named MAC Address).

## F. USB Wi-Fi Adaptor - Conformity certificate

telefication bv  
The Netherlands  
Chamber of Commerce  
09076358  
www.telefication.com



### Statement

#### of Opinion

N°: 06214014/AA/00

With respect to Chapter 10 of the Telecommunications Act of The Netherlands, Telefication declares that to our opinion the listed product complies with the essential requirements, in accordance with Article 3 of the Directive 1999/5/EC, as indicated under Annex 1 of this statement.

Product description: WLAN 11g USB Adapter  
Trademark: CC&C  
Family name: --  
Type designation: WL-2203V  
Serial N°: --  
Software release N°: --

Manufacturer: CC&C Technologies Inc.  
Address: 8F, 150, Jian Yi Road, Chung Ho City  
City: 235 Taipei County  
Country: Taiwan, R.O.C.

This statement is granted to:

Name: CC&C Technologies Inc.  
Address: 8F, 150, Jian Yi Road, Chung Ho City  
City: 235 Taipei County  
Country: Taiwan, R.O.C.

This statement has TWO Annexes

Zevenaar, 26 January 2006



A handwritten signature in black ink, appearing to read "M.H. Koop".

M.H. Koop  
Manager Certification



laboratory

certification

approvals



Annex 1 to Statement of Opinion  
Number: 06214014/AA/00

26 January 2006  
Annex 1, Page 1 of 2

For each product to which this Statement relates (see annex 3, if applicable) our opinion with respect to the essential requirements is as follows:

#### Article 3.1

- √ (a) The protection of the health and safety of the user and other person, including the objectives with respect to safety requirements contained in Directive 73/23/EEC, but with no voltage limit applying
- √ (b) The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC.

#### Article 3.2

- √ The radio product shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communication and orbital resource so as to avoid harmful interference.

#### Article 3.3

- N/A (a) The product shall be so constructed that it interworks via networks with other apparatus and that it can be connected to interfaces of the appropriate type throughout the Community.
- N/A (b) The product shall be so constructed that it does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service.
- N/A (c) The product shall be so constructed that it incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected.
- N/A (d) The product shall be so constructed that it supports certain features ensuring avoidance of fraud.
- N/A (e) The product shall be so constructed that it supports certain features ensuring access to emergency services.
- N/A (f) The product shall be so constructed that it supports certain features in order to facilitate its use by users with a disability.

#### Opinions

- √ = Conform
- X = Not conform
- N/A = Not applicable (for this product)
- N/P = Not performed (in this type-examination)



*Annex 1 to Statement of Opinion  
Number: 06214014/AA/00*

26 January 2006  
*Annex 1, Page 2 of 2*

- The validity of this Statement of Opinion is limited to products, which are equal to the examined in the type-examination.
- When the manufacturer (or holder of this statement) is placing the product on the European market, the marking of this product must contain (among other elements) the Notified Body number of Telefication: 0560

**Remarks and observations**

*The following conditions are applicable:*

- N/A



Annex 2 to Statement of Opinion  
Number: 06214014/AA/00

26 January 2006  
Annex 2, Page 1 of 1

#### **Documentation lodged for the type-examination**

*Testreports:*

- ADT Corp.: RE950105L10, 12 January 2006
- ADT Corp.: RM950105L10, 11 January 2006
- ADT Corp.: LD950105L10, 19 January 2006
- ADT Corp.: SE950105L10, 12 January 2006

*Product documentation:*

- Assembly drawings
- Bill of materials
- Block diagram
- Electric diagrams
- Photos
- User manual

#### **Technical standards and specifications**

*The product shows no non-compliances with:*

- EN 300 328      November 2004    V1.6.1
- EN 301 489-1    August 2002        V1.4.1
- EN 301 489-17   August 2002        V1.2.1
- EN 60950-1      2001
- EN 50371        14 June 2002

#### **Technical features and characteristics**

*The product includes the following features and characteristics:*

For IEEE 802.11b/g:

- Operating frequency-range: 2.4 - 2.4835 GHz (13 channels: 2.412-2.472 GHz)
- Maximum (measured) RF output power: 12.9 dBm EIRP average
- Modulation type DSSS: BPSK/QPSK/CCK, OFDM: 16QAM/64QAM
- Maximum antenna gain: -1.67 dBi

## G. Glossary

**Audio book:** sound recording of a book read out loud

**Codec:** software that your Phoenix radio uses to play some types of file, for example MP3 musical files

**DHCP:** Internet protocol used to automate configuration of a device connected to the network

**DNS:** system used to make an Internet domain name correspond with an IP address. For example, the domain name com1.fr corresponds to IP address 217.174.222.51. In the manual, the preferential DNS server and workstation that the user chooses to make this correspondence

**Firewall:** software controlling data input to and output from your computer

**Firmware:** software program that runs the Phoenix radio

**Gateway:** software that connects the Phoenix radio user's network to the Internet

**Internet box:** Wi-Fi router/modem offered by Internet providers to their customers to allow them to use wireless apparatus, for example the Phoenix radio

**Internet radio:** audio program published continuously on the Internet; Internet radio stations are either FM radio stations that retransmit their programs on the Internet or stations that broadcast on the Internet only.

**IP Address:** unique identifier of a device connected to the Internet. An IP address consists of four sets of numbers between 0 and 255. E.g.: 192.168.0.1

**Mac Address:** unique identifier of a device intended for connection to a network, notably the Internet

**Mp3:** type of musical file

**My Bookmarks:** function used to store information on an audio program playing on the Phoenix radio to the bookmarks list

**Podcast:** short audio programs distributed on the Internet

**Real audio:** type of musical file

**Reset:** operation that removes updates and selections made on the Phoenix radio

**RSS:** software program that informs you of the latest podcasts available on the internet.

**Service platform (or service site):** Internet site giving access to programs such as Internet radio and podcasts

**SSID:** ID of messages sent over a wireless network

**Streaming:** transmission of an audio or audiovisual program by the Internet that cannot be saved to the user's hard drive

**Tree:** set of folders and subfolders through which you can move going further or less far into the details of folders

**Update:** new version of the Phoenix radio's firmware

**USB stick:** mobile device to easily transport and transfer information

**wav:** type of musical file

**WEP:** type of security used on Wi-Fi networks

**Wi-Fi:** wireless Internet access technology.

**Wi-Fi access point:** Wi-Fi router/modem through which wireless devices access the Internet

**Wma:** type of musical file

**WPA:** type of security used on Wi-Fi networks





 COM  
*one* 

