

Pinell explorer

DAB+/DAB/FM/Internet Radio

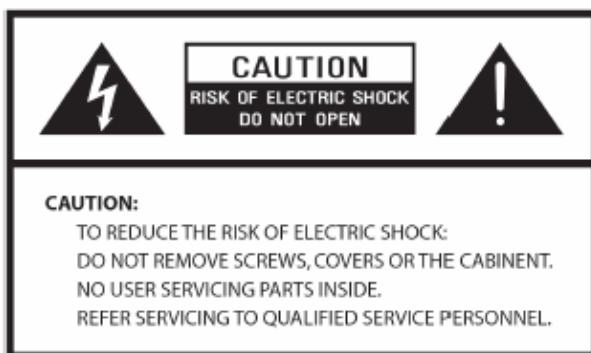


User manual

Contents

- 02 CONTENTS**
- 03 INFORMATION**
- 04 FRONT PANEL OVERVIEW**
- 04 REAR PANEL OVERVIEW**
- 06 GETTING STARTED / SETUP**
- 08 NETWORK**
- 09 SETTINGS**
- 10 INTERNET RADIO PORTAL**
- 12 INTERNET RADIO MODE**
- 15 MUSIC PLAYER MODE**
- 17 FM / AUX SETTINGS**
- 19 SPECIFICATIONS**

Safety Information



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electrical shock, fire, etc.:

1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the apparatus immediately afterwards with a clean cloth. Do not use abrasive clothes, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.
7. Do not block any ventilation openings. The ventilation shall not be impeded by covering the ventilation openings with items, such as newspapers, table clothes, curtains, etc.
8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. If the power cord is damaged, it must be repaired by a qualified repairer.

11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



PORTABLE CART WARNING

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

16. The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

17. Please read Rating Labels at the bottom of the Sender and Receiver for power input and other safety information.

IMPORTANT SAFETY INSTRUCTIONS (Continued)

VENTILATION

IMPORTANT - The product gets hot during use. Do not place more units on top of each other. Do not place in a closed space such as a bookcase or inside a cabinet without proper ventilation.

Ensure that small objects can not fall through the ventilation holes. If this happens, turn off the product immediately, then plug the power cable and contact your dealer for advice.

Positioning

Select the location of the product carefully. Avoid placing it in direct sunlight or close to other hot springs. No candles or the like must be placed on the product. Never vibration, dust, cold and moisture. The product must be used in moderate climates.

The product must be placed on a smooth solid surface. Do not place it in a closed area such as a bookcase or a cabinet. If there is some open space behind the products is it the correct location. Do not place the product on an uneven or unstable surface or shelf.

Due to strong magnets must not place the product near CRT TV (picture tube TV).

Electronic sound components have a burn-in time of about a week. This will provide components as possible to run and get in and then the sound quality of the product will be better.

Power sources

This product has been made to be left in standby when not in use, this will prolong its life. (This applies to all electronic devices)

Use

* Do not insert objects into the product, When you plug out or put in the socket, make sure that this is done correctly.
* Never pull out a random contact with an irregular rapid movement.

Cleaning

Always turn off the product before cleaning.

When cleaning, do this with a clean dry microfiber cloth or the like. Do not use detergents with alcohol, ammonia or corrosive agents. Do not use spray cans of the product.

Batteries

Always remove batteries from battery space when these are exhausted, or during long-term storage.

Do not try and charge normal batteries. Do not try and open or short circuit, batteries, this may cause explosion. Fluid coming out of batteries can cause skin irritations. If this liquid on the bare skin, rinse with a good amount of water, you should get this in the eyes, rinse thoroughly for 10 min, then contact your doctor script immediately.

Never throw batteries into open flame or expose them to extreme temperatures.

Defects

If the product should have no defects never try and fix them yourself.

- If the power plug or cord is damaged, then they must be replaced or repaired by the service agent, for and avoid exposing yourself before electric shock.

- If any fluid has entered the product or it was dropped or otherwise damaged, it should be checked by the Service Center. Connect as the product and contact your dealer.

Servicing

This product should not be repaired or checked by the customer, never attempt disassemble or repair this myself. Then you can be exposed to strong electric shock. Should there be a problem contact the dealer of the product.

FCC Information

FCC part 15.19

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.

FCC part 15.21

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC part 15.105

NOTE: 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 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.

This device complies with Part 15 of the FCC Rules, Operation is subject to the condition that this device not cause harmful interference.

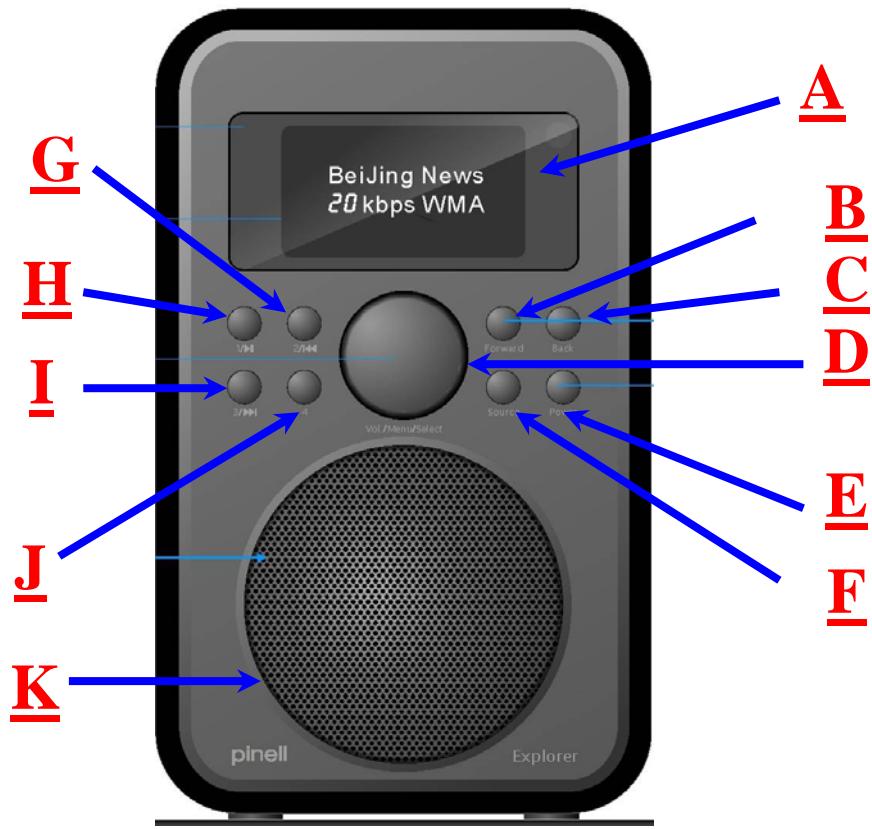
FCC RF Exposure Warning

This equipment complies with FCC RF radiation exposure limits set forth an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

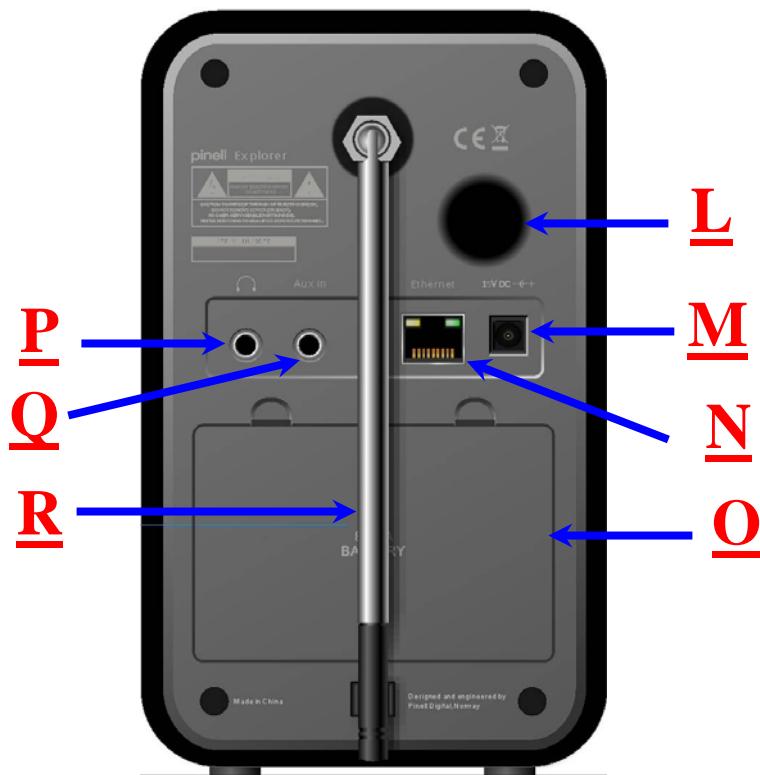
1.0 Function List	3
1.1 Front View of Machine	3
1.2 Rear view of Machine	4
1.3 TOP View of Subwoofer	4
2.0 Unit Description	4
3.0 Product Specification	5
3.1 Functionality Description	5
3.2 Frequency Range	5
3.3 Display	5
3.4 Power Amplifier	5
3.5 Input/Output	5
3.5.1 Input	5
3.5.2 Output	5
4.0 Accessories	5
5.0 Unit Safety Certification	5
6.0 Dimension	5
7.0 View of remote control	6
7.1 Description of Remote control	6

1.0 Function List

1.1 Front View of Machine



1.2 Rear View of Machine



1.3 Top View of Unit



Symbol	Funcion	Description
A	LCD Display	Display all information of system unit
B	Forward Button	Press to navigate through pages while In the main menu. Also used for highlighting characters when entering An internet station's name or entering your password
C	Back Button	Press to navigate through pages while In the main menu. Also used for highlighting characters when entering An internet station's name or entering your password
D	VOL/ Menu / select Button	Turn knob right / left to increase /decrease volume. Press button to select the item highlighted in the menu and press hold to enter main menu
E	Power Button	Press Power button to Power On unit when stand by mode.
F	Source Button	Press button to show different mode, FM/ AUX in/ internet/Music Player/DAB
G	2/◀ Button	Press Numeric 2 to save current Fm /DAB station frequency, ◀: Play last song in media player mode.
H	1/▶ Button	Press Numeric 1 to save current FM/DAB station frequency, ▶: play or pause current songs in media player mode.
I	3/▶▶ Button	Press Numeric 3 to save current FM/DAB station frequency, ▶▶: Play next song in media player mode.
J	4 Button	Press Numeric 4 to save current FM/DAB station frequency
K	Speaker	2.75" 8Ω speaker
L	Exhaust Vent	Exhaust vent outlet. Port tube.
M	DC IN JACK	Use to connect the 15V DC power adapter
N	Ethernet plug	Used to connect Ethernet
O	Battery compartment	Use to install 8 X AA battery
P	Headphone jack	3.5Φ Stereo headphone type output jack
Q	AUX IN Jack	3.5Φheadphone type jack for analog stereo AUX input
R	FM Antenna	75 Ohms F-connector for aerial connection

3.0 Product Specification

3.1 Functionality Description

- Alarm/ Snooze /Sleep
- RDS function
- Internet / FM / DAB+ / Aux in

3.2 Frequency Range:

- FM: 87.5~108 MHz / step 0.05 MHz
- DAB+ (Band III): 174~240MHz
- Internet Radio: 2412~2462MHz

3.3 Display:

- Dot 128 x 64
- View area: 56mm<L>x31mm<W>
- White character with Black background

3.4 Power Amplifier:

- Speaker: Mono output (2.75")
- Amplifier: 5W @ 10% THD
- Frequency Response: 80 Hz ~ 20 KHz

3.5 Input/Output :

3.5.1 Input :

- 3.5mm AUX in Jack

3.5.2 Output :

- 3.5Φ Stereo Headphone Output Jack.

4.0 Accessories

- Brochure x1
- Adapter x1
- Remote control x 1
- 230V AC to 15V DC 1.5A wall hanging type switch power x1

5.0 Unit Safety Certification:

CE certification

6.0 Dimension

- 116 mm <W> x 190 mm <H> x110 mm <D>

7.0 View of remote control



7.1 Description of Remote Control

Symbol	Function	Description
A	Power Button	Press to power unit on or off
B	Snooze Button	Press to show a count down on the display during alarm sounds
C	▲ Button	Press to move up through menu
D	Menu Button	Press this button to enter and exit the settings menu
E	◀ Button	Press to navigate through pages while In the main menu. Also used for highlighting characters when entering An internet station's name or entering your password
F	Select Button	Press button to select the item highlighted in the menu
G	▶ Button	Press to go back submenu
H	Sleep Button	Sleep function control and setting
I	Source Button	Press button to show different mode internet/Music Player/DAB/ FM / AUX in
J	▼ Button	Press to down through menu
K	Info Button	In internet or DAB+, Fm mode, press to show audio format, station description, genre, RDS and other related information.

L	Alarm Button	Press to show alarm status and setting
M	 TUNE Button	In FM Mode, press briefly to tune frequency up; press for 2 seconds to search next available radio station. In Internet Mode: operation with menu control
N	 TUNE Button	In FM Mode, press briefly to tune frequency down; press for 2 seconds to search previous available radio station In Internet Mode: operation with menu control
O	 VOL+ Button	To increase the volume
P	 VOL- Button	To decrease the volume
Q	Preset# 1~8 Button	press to save current FM/DAB/Internet station.
R	 Button	Media player control only, Play or pause song
S	 Button	Media player control only, play last song
T	 Button	Media player control only, play next song

Getting started / setup

although theDAB+/DAB/FM/Internet Radio is sophisticated, getting started is simple. To play FM radio, all you need is a power source (a 100-240 V mains supply).

For music Player mode, you need either a USB stick with music files or a wired/wireless ethernet network and a UPnP music server (e.g. a PC).

For Internet-connected modes such as Internet radio or Pandora, you also need a broadband Internet connection.

01 Place DAB+/DAB/FM/Internet Radio on a suitable shelf or table and plug it in to a power outlet.

02 To receive broadcast radio (FM), extend the telescopic antenna.

03 Press and hold standby to power on.

SETUP WIZARD

When DAB+/DAB/FM/Internet Radio is started for the first time, it runs through a setup wizard to configure settings for

date/time and network. Once this has finished, the system is ready to use in most modes.

Note: To change these settings later, select Menu > System settings >

To run the setup wizard again, select Menu > System settings >

Setup wizard.

select yes to start the setup wizard.

Note: If you want to use a wired network, bypass the setup wizard.

If you choose no, the next screen asks if you would like to run the wizard next time DAB+/DAB/FM/Internet Radio is started. The system then starts without configuring time/date and network settings and enters the main menu.



Note: If power is removed while the wizard is in progress, the wizard will run again next time DAB+/DAB/FM/Internet Radio is started.

12 / 24 hour display

To change between 12 and 24 hour display, select set 12 / 24 hour and then select your preference.

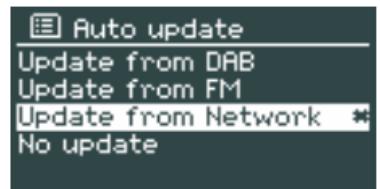
Time / Date

The time and date can be updated manually or automatically. With auto-update, the time and date are automatically synchronised with external clocks. auto-update is generally more accurate.

Auto-update

The time and date can be updated manually or automatically. With auto-update, the time and date are automatically synchronised with external clocks. auto-update is generally more accurate.

FM use time signals broadcast with radio transmissions.



Network uses a time signal sent from the Frontier silicon Internet radio portal when in anetworkconnected mode.

01 select Update from FM, Update from network or no update.

02 set your time zone.

03 If your country uses daylight saving, the automatically updated time may be wrong by one hour.

When daylight savings are in effect (during the summer), turn on the daylight savings option.

DAB+/DAB/FM/Internet Radio will auto-update from the selected source when time information is available

Manual set

If you set no update, the wizard now prompts you to set the time and date manually.

The date and time are displayed as dd-mm-yyyy and hh:mm am/Pm with the first value, dd, active (flashing).

adjust each value with the select control. as each value is set, the next value becomes active and flashes.

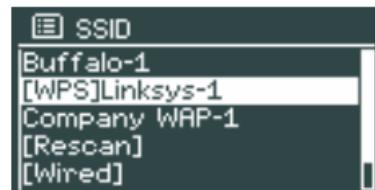


Net works

DAB+/DAB/FM/Internet Radio is compatible with all common network protocols and encryption methods, including

Wi-Fi Protected setup (WPs).

To connect DAB+/DAB/FM/Internet Radio to your network, you need either a wired router and an ethernet (rJ45 network) cable, or a Wi-Fi wireless router, together with password key if set.



select:

- Wlan region / country
- Wi-Fi network (ssId)

Standard encrypted network

To enter the network's key (password), use the selection knob to move the cursor through the characters and select. as each character is selected, the key is built up near the top of the display.

There are three options accessible by turning select back before the first characters (0123...)

Backspace, Ok and Cancel.

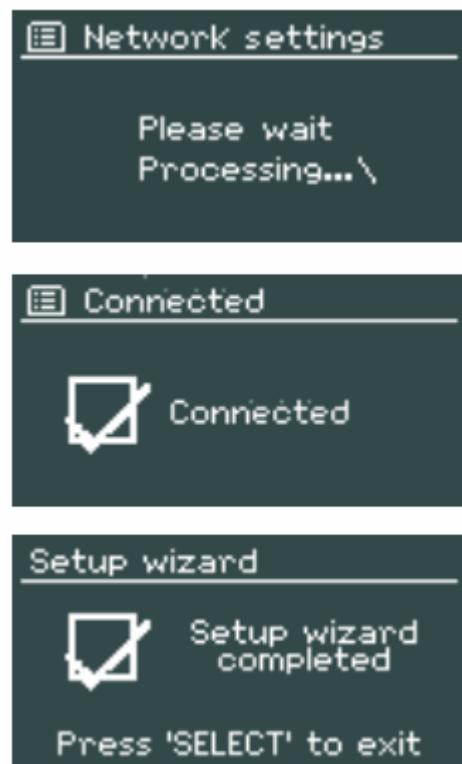


Completion

DAB+/DAB/FM/Internet Radio tries to connect to the selected network.

If connecting fails, DAB+/DAB/FM/Internet Radio returns to a previous screen to try again.

If the network connection is lost, DAB+/DAB/FM/Internet Radio automatically tries to reconnect.



NET WORK

DAB+/DAB/FM/Internet Radio remembers the last four wireless networks it has connected to, and automatically tries to connect to whichever one of them it can find.

you can see the list of registered networks through menu > system settings > network > network profile >. From here you can delete unwanted networks by turning and pressing select then confirming delete yes.

There are also other options for viewing and manually altering network settings from menu > system settings > network > (for example setting up a wired network). Users experienced with networking may find these options useful for diagnosing and fixing network problems.

LANGUAGE

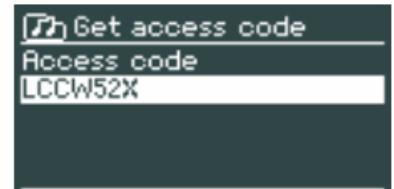
The default language is english. To change, select menu > system settings > language > then select your language.

Internet radio portal

REGISTRATION

DAB+/DAB/FM/Internet Radio radio is equipped with a high quality Internet tuner module from Frontier silicon. The Frontier silicon Internet radio portal website allows you to organise your favourites lists and also listen to Internet radio on a computer.

To register your DAB+/DAB/FM/Internet Radio with the portal, first get your radio's unique portal access code by selecting menu > station list > Help > Get access code >.



Write down the access code.

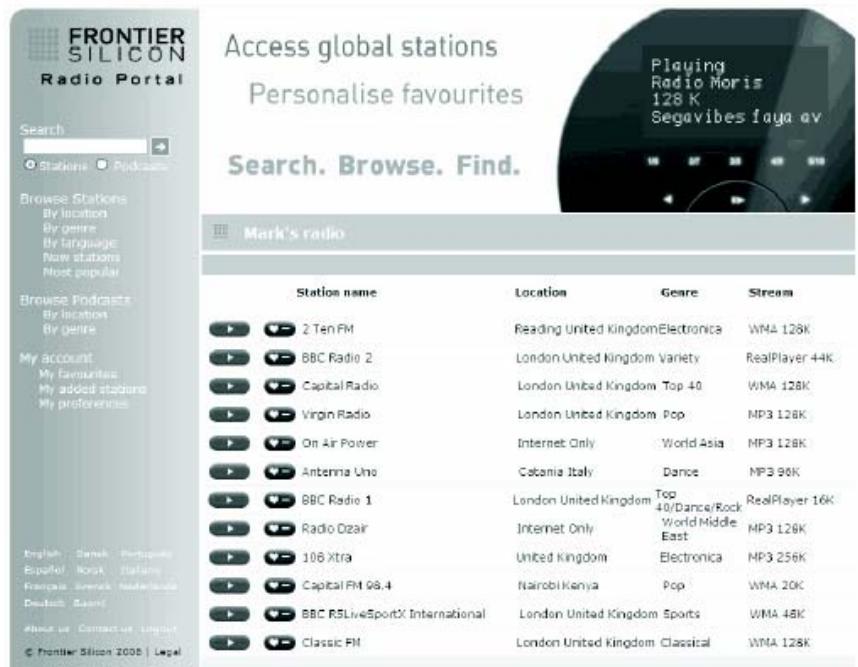
Note: Do not confuse the portal access code with the Radio ID (from Menu > System settings > Info.)

Visit the portal website at: www.wifiradio-frontier.com

If this is your first visit to the portal, register for a new account, entering the following information:

- access code
- your e-mail address
- password
- radio model

(DAB+/DAB/FM/Internet Radio)



The screenshot shows the 'FRONTIER SILICON Radio Portal' website. On the left, there's a sidebar with links for 'Search', 'Browse Stations' (By location, By genre, By language, New stations, Most popular), 'Browse Podcasts' (By location, By genre), and 'My account' (My favourites, My added stations, My preferences). The main content area has a 'Search. Browse. Find.' section with a search bar and a 'Mark's radio' section showing a list of stations. The list includes:

Station name	Location	Genre	Stream
2 Ten FM	Reading United Kingdom	Electronica	WMA 128K
BBC Radio 2	London United Kingdom	Variety	RealPlayer 44K
Capital Radio	London United Kingdom	Top 40	WMA 128K
Virgin Radio	London United Kingdom	Pop	MP3 128K
On Air Power	Internet Only	World Asia	MP3 128K
Antenna Uno	Catania Italy	Dance	MP3 96K
BBC Radio 1	London United Kingdom	Top 40/Dance/Rock	RealPlayer 16K
Radio Dzair	Internet Only	World Middle East	MP3 128K
106 Xtra	United Kingdom	Electronica	MP3 256K
Capital FM 98.4	Nairobi Kenya	Pop	WMA 20K
BBC R5LiveSportX International	London United Kingdom	Sports	WMA 48K
Classic FM	London United Kingdom	Classical	WMA 128K

If you already have an account and wish to add an additional radio, log in to your account and select:

My preferences > Add another WI-FI Radio

Once your radio is registered with the portal, you can immediately use the Internet radio favourites and added stations features.

SETTING UP A MUSIC SERVER

In order for DAB+/DAB/FM/Internet Radio to play music files from a computer, the computer must be set up to sharefiles or media.

UPnP media sharing allows devices like DAB+/DAB/FM/Internet Radio to play music from a shared media library, navigating through tag menus such as artist, album or Genre. If you are running a suitable server system such as a PC with Windows media Player 10 or later (WmP), and your music library is well-tagged, then it is recommended to use media sharing. Only the UPnP server needs to be set up. Note: iTunes does not currently work as a UPnP media server, but there are add-ons available to work with an iTunes library.

SHARING MEDIA WITH WINDOWS MEDIA PLAYER

The most common UPnP server is Windows media Player (10 or later). alternatively, other UPnP platforms and servers may be used. To set up WmP for media sharing, perform the following steps:

01 ensure that the PC is connected

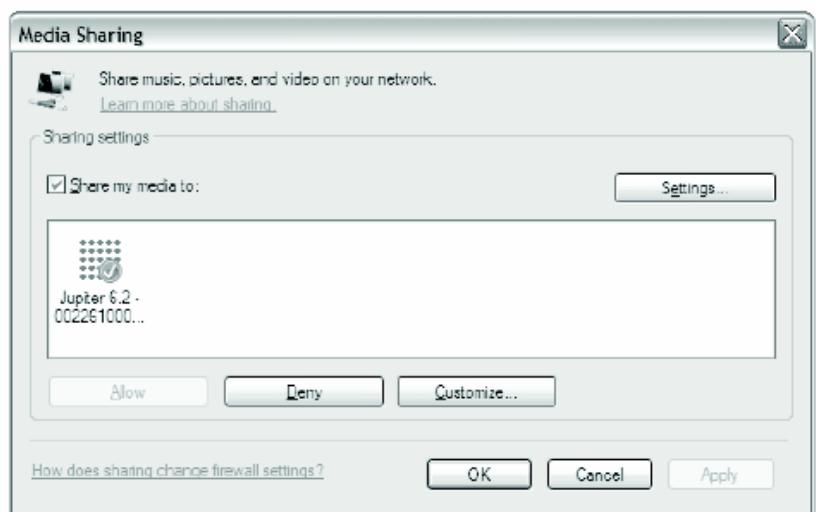
to the network.

02 ensure that the radio is powered on and connected to the same network.

03 In WmP, add to the media library the audio files and folders you want to share with

DAB+/DAB/FM/Internet Radio
(library > add to library…)

04 In WmP, enable media sharing
(library > media sharing…)



make sure that the radio has access to the shared media by selecting it and clicking allow. you can also set a name for the shared media in settings… Click Ok to close the dialogue boxes.

The PC is now ready to stream the music to the radio. The WmP UPnP service runs in the background; there is no need to start WmP explicitly.

Internet radio mode

DAB+/DAB/FM/Internet Radio can play thousands of radio stations and podcasts from around the world though a broadband Internet connection.

When you select Internet radio mode, DAB+/DAB/FM/Internet Radio contacts the Frontier silicon Internet radio portal to get a list of stations, organised into different categories like Country, most popular and Genre.

Once you select a station, DAB+/DAB/FM/Internet Radio connects directly to that station.



The portal also enables multiple lists of favourite stations that you can personalise, for example andy's stations, Jo's favourites, Talkshows.

To use the favourites feature, register your radio with the portal website as described earlier.

If you have several Frontier silicon radios, you can register them all on the same account so that each radio has access to your favourites lists. It is possible to add favourites either directly through DAB+/DAB/FM/Internet Radio or through any computer with a web browser.

To enter Internet radio mode, either press mode until the display shows Internet radio or select menu > main menu > Internet radio.

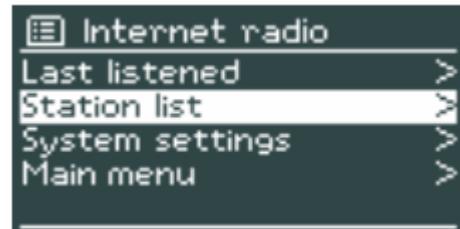
Note: The station list menu is provided from the Internet radio portal, so it is only accessible when is connected to the Internet. Station lists and submenus may change from time to time.

There are several ways of selecting stations directly from the radio:

- last listened
- Presets.

From the portal through the menu > station list > menu:

- Favourites lists
- Browse by Country, Genre, most popular, newest
- search by keyword
- my added stations



If you are already listening to an Internet radio station, you can press Back rather than menu to quickly return to the last visited branch of the menu tree. For example, suppose you were listening to new Orleans radio through the browse facility as described later in the manual (BrOWse). Pressing Back would return you to the Highlighted Blues stations menu. Pressing Back again would return you to the Blues menu, and so on.

LAST LISTENED

When Internet radio mode restarts, the last-listened station is selected. To select another recently used station, select menu > last listened then one of the stations listed. most recent stations appear at the top of the list.

PRESETS

Presets are stored in the radio and cannot be accessed from other radios.

To store an Internet radio preset, press and hold the 1 button until the display shows the save preset screen. select one of the 4 presets to save the currently playing station.

To select a preset, press 1 briefly, then select one of the listed preset stations. When a preset station is playing, it shows Pn (P1, P2 etc) in the bottom of the screen.

Note: Operation of presets is identical for Internet radio and FM.

FAVOURITES

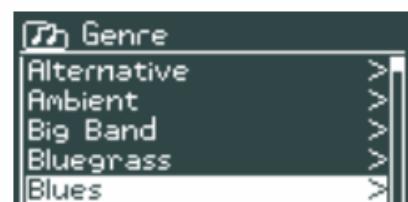
Favourites are stored with the Internet radio portal, and are available through all Internet radios registered on the same account. Before favourites can be used, the radio has to be registered with the Internet radio portal (see page ?).

To store a playing station as a favourite, press and hold selection knob until the display shows

‘Favourite

added’ . The station appears in the default favourites list stations.

To select a favourite, select menu > station list > my favourites > [Favourites list] > [station].



BROWSE

To browse Internet broadcasts, select menu > station list > then either stations > or Podcasts >.

Browse through the menus to find broadcasts.

Note: BBC radio ‘Listen Again’ programmes are accessible through the

Podcast menu, for example Menu > Podcasts > Location > Europe > United Kingdom > All shows > BBC Radio 4 > You and Yours > 20/10/2008 - October 20.



SEARCH

you can also search through Internet broadcasts for stations or podcasts with particular keywords in their title.

To search, select menu > station list > then either stations > or Podcasts >

enter a keyword by selecting characters then Ok. The search entry screens are similar in operation to the Wi-Fi password entry screen. select a broadcast from the list.

For podcasts, you may be able to select a particular episode.



MY ADDED STATIONS

even though the Internet radio portal contains thousands of stations, you may want to listen to stations not listed. you can add your own stations via the portal. These added stations are accessible from DAB+/DAB/FM/Internet Radio by selecting menu > station list > my added stations > [station].

NOW PLAYING INFORMATION

While the stream is playing, the screen shows its name and description. To view further information, press Info each time you press Info , another set of information is displayed, cycling through name/description, genre/location, reliability, codec/sampling rate, playback buffer and today's date.

Music Player mode

music player mode plays audio files such as mP3s, aaCs, Wmas or FlaCs from a computer on the local network.

To enter music player mode, either press mode until the display shows music player or select menu > main menu > music player.

Once in music player mode, press menu, then select either shared media.

Note: DAB+/DAB/FM/Internet Radio does not have USB playback as shown on the above image.

If you are already playing a music file, you can press Back rather than menu to quickly return to the last visited branch of the menu tree. For example, suppose you were listening to the track Heat by the artist 50 Cent through browsing shared media as described in the section below. Pressing Back would return you to the track listing for the album Get rich or die Tryin'. Pressing Back again would list all 50 Cent albums. Pressing Back again would list all album artists, and so on.

you can use << and >> to move through tracks. Press and hold to rewind or fast forward and press quickly to select previous or next track.



SHARED MEDIA (FROM UPNP MEDIA SERVER)

select menu > shared media >

If you have set up shared media (as described under sharing media with Windows media Player), you should see an entry consisting of <computer name>: <shared media name>, for example JB-laptop: audio. If you have more than one computer sharing media, the alternatives are listed. select the shared media you want to play.

From this point on, the menus are generated from the shared media server (typically Windows media

Player). The first menu shows a list of media types, for example music, Video, Pictures and Playlists. DAB+/DAB/FM/Internet Radio can only play music and playlists.

There is also a search function, which finds tracks in a similar way to Internet radio search, as described earlier.

From music, there are numerous ways of selecting tracks, including:

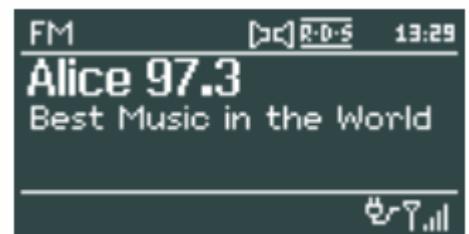
- Genre
- artist
- album
- Composer
- rating

Once you have found a track you want to play, press select . a short press plays the track immediately and a long press adds the track to the playlist. you can also add entire albums to the playlist. DAB+/DAB/FM/Internet Radio plays either the selected track or the playlist.

FM radio mode

FM radio mode receives analogue radio from the FM band and displays rds (radio data system) information about the station and show (where broadcast).

To enter FM mode, either press mode until the display shows FM radio or select menu > main menu > FM.



SELECTING STATIONS

To find a station, press selection knob . The frequency display starts to run up as DAB+/DAB/FM/Internet Radio the Fm band. alternatively, you can scan up or down by pressing and holding the >> or << buttons or tune manually with quick presses, or by turning the select control.

PRESETS

To store an Fm preset, press and hold Preset until the display shows the save preset screen. select one of the 4? presets to save the currently playing station.

To select a preset, press Preset briefly, then select one of the listed preset stations. When a preset station is playing, it shows Pn (P1, P2 etc) in the bottom right of the screen.

NOW PLAYING INFORMATION

While the stream is playing, the screen shows its frequency, or if rds information is available, station name and any further rds information such as programme name, track title and contact details. If no information is available, just the frequency is shown. stereo broadcasts are indicated with an icon at the top of the screen. To view further information about the broadcast, press Info . each time you press Info , another set of information is displayed, cycling through rds text, further rds text (station/programme type), frequency and today' s date.

FM/AUX SETTNGS

SCAN SETTINGS

By default, Fm scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

To change the scan settings to stop only at stations with good signal strength, select menu > scan setting > strong stations only? > yes.

AUDIO SETTINGS

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss). To play weak stations in mono, select menu > audio setting > Fm weak reception: listen in mono only > yes.



AUX IN MODE

aux in mode plays audio from an external source such as an mP3 player.

To play audio with aux in mode

- 01 Turn the volume low on both DAB+/DAB/FM/Internet Radio and, if adjustable, the audio source device.
- 02 Connect the external audio source to the aux In 3.5 mm stereo socket.
- 03 either press mode until the display shows aUX in or select menu > main menu > aUX in.
- 04 adjust the volume of DAB+/DAB/FM/Internet Radio (and, if necessary, the audio source device) as required.

Pinell Explorer - Quick Start Guide

Thank you for selecting Pinell Explorer. Your radio will give you many hours of music pleasure with easy access to thousands of internet radio

stations worldwide, as well as a number of opportunities for streaming music.

Regardless of which country you're in, you can hear Norwegian and foreign radio.

You can also choose a genre of classical music, rock, jazz, etc.

Your Pinell gives you the radio station you prefer. Register your product at <http://www.pinell.no>

We will keep you updated on the development of your product (software updates, etc.) and provide you other exciting news from Pinell.

User's Guide contains tips and advice on the use and possible problems. Check www.pinelldigital.com for updates and news.

User manuals in other languages are available at www.pinelldigital.com (In English, Danish, Swedish, and Finnish)

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Setting the WLAN/LAN:

- Broadband Internet connection must be available.
- You need a wireless access point (Wi-Fi) that is connected to your broadband connection, preferably via a router.
- If the wireless network is configured to use Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption, you must know the WEP or WPA code, so that the internet radio can communicate with the Network
- If the wireless network is configured to accept predefined MAC addresses only , you must define the MAC address of your radio in your wireless access point.

Radio's MAC address can be found here:

Main menu> System settings _Network _ View settings_ MAC address

- Ensure that the wireless access point is on and connected to broadband, or that the LAN cable is properly connected before proceeding.
- For this part of the system to work, it is recommended that you reading the instructions that came with the wireless access point or LAN connection device.

Specifications:

Internet Radio **Frequency Range:** 2412~2462MHz

FM **Frequency Range:** 87.5 ~ 108 MHz

Power Supply Input: 100V-240V, 50-60HZ

Power Supply Output: 15V 1.5A