



FRONTIER APP RUNNING ON AN IPOD TOUCH CONNECTED VIA BLUETOOTH



FRONTIER APP RUNNING ON ANDROID SMARTPHONE AND TABLET

OVERVIEW

Frontier Silicon's Control app provides the most complete, versatile and easy-to-use media controller available for next generation connected and docking audio systems.

The app offers comprehensive remote control functionality for FS based audio modules capable of wired and/or wireless connection with an iPod, iOS or Android smart device. Dependent on the capabilities of the connected radio it enables users to navigate between audio modes, browse content and control playback volume. The application synchronises automatically with the radio, so you can switch easily between using the radio's controls and those of the Frontier Control app. The app also provides support for RadioVIS technology over a wired or Bluetooth™ connection, co-ordinating internet information with DAB broadcasts to show full colour images and related information on your smart device.

LISTENING MODES

The Frontier Control app gives you control over all the listening modes available on the Frontier Silicon based wired or wireless docked radio device. Modes available include:

- Internet radio
- DAB/DAB+ digital radio
- Wireless network audio
- Bluetooth connected smart device
- USB device playback
- Last.fm personalised music streaming
- FM with RDS (Radio Data System)

MEDIA CONTROL

This highly innovative and easy to use application not only acts as a full remote control to select DAB, FM, Smart Device streaming, Internet Radio, Last.fm and control volume up/down, play, pause, love/ban and EQ settings but also enables users to access and control the playback of their entire music library stored on any Windows 7 PC or DLNA compliant device. Additionally it will also control the playback of music files from a USB memory stick plugged into the radio.

CUSTOMISATION AND UPDATES

The app can be easily and quickly customised to reflect the brand image and look and feel of the end audio product and supports multiple languages including English and German.

Frontier Silicon works closely with customers to brand and customise all software for particular markets and end-products.



SUPPORTED PLATFORMS

The app has been designed for iOS and Android smart devices to operate seamlessly with Frontier Silicon's connected audio solutions running DAB 4.3, DAB 5.0, IR 2.2 or IR 2.5 software. Requires iOS 3.1.3 or Android 2.1 or later.

FRONTIER CONTROL APP

iOS® and Android Application

SCREEN NAVIGATION

The menu structure is straightforward, consistent between modes and fully flexible. The application automatically queries the radio for available services and filters its Mode list accordingly: services that are not available for a particular radio or in a particular locale are not shown.

From the Radio menu you can select from the radio devices currently available. Once a radio is selected the 'Now playing' screen is shown based on the last used mode. The 'Now playing' screen shows details of the current track or program with additional RadioVIS messages if available.

Control tabs present access to the following functions:

- Browse - available media or station list
- Mode - presents available listening modes
- Preset - lists defined preset stations
- EQ - select predefined EQ settings or set your own.
- Settings - presents application settings.

FEATURES SUPPORTED

The supported features are dependent on the Software Development Kit used to drive the digital audio device.

Feature	DAB5.0	IR2.5	IR2.2
Automatically find compatible radios on your network, and switch between them		•	•
Control of radios over a Wi-Fi connection		•	•
Bluetooth connection allowing streaming, RadioVIS and remote control	•		
Control of radios over a wired dock connection	•		
RadioVIS on connected smart device: coordination of visuals with broadcast audio services for a rich radio experience	•	•	
Add preset stations in DAB and FM modes	•	•	
Control frequency scanning and manual tuning	•	•	
Change listening mode on the radio	•	•	•
Browse content on the radio (station list or media library, depending on listening mode)	•	•	•
Select preset stations in Internet-Radio ¹ , DAB and FM modes	•	•	•
See "Now playing" information from the radio	•	•	•
Control playback: pause, trickplay, love/ban. etc., depending on listening mode	•	•	•
Control radio volume	•	•	•
Control equalisation settings	•	•	•
Radio on/off	•	•	•

1. Not applicable to DAB 5.0

TYPICAL NAVIGATION SCREENS AND CONTROL TABS FOR IOS AND ANDROID VERSIONS OF THE FRONTIER APP.

