SMART RADIO

Smart Radio combines broadcast radio (DAB & FM) and internet music services; ranging from internet radio stations and podcasts to streaming music services such as Spotify, Deezer and Amazon Music. This is the fastest growing market sector in audio providing users with a wide choice of services. With integrated broadcast radio tuners along with Wi-Fi music streaming capability, Venice X gives consumers the opportunity to explore on-demand music, keep up to date with the latest trends with DAB+ and FM radio, and discovering news and styles from around the world via internet radio stations.

VENICE X

Our 5th generation Smart Radio module, powered by the world's first integrated Smart Radio SoC, Chorus 4, offers a unique hardware / software / service platform to enable music streaming on home audio systems at a value price point.

Venice X is a customisable turnkey solution, enabling consumer audio brands to develop differentiated products with music streaming capability built-in, at minimal cost. The Venice X module uses the same core connections as Frontier’s Verona 2 module which will allow the design of single products capable of multiple SKUs supporting either module.

With complete control of all aspects of our integrated system we provide industry leading levels of reliability and the widest choice of services.

Working closely with music service providers, we ensure services are available to consumers in a consistent and reliable manner on the audio devices.

Connectivity options include:
- 802.11a/b/g/n – WEP, WPA, WPA2 security
- Bluetooth 4.2 technology
- USB 2.0 High Speed device/host
- Off module Ethernet supported
- On-module audio DAC
- Digital audio output - I²S or S/PDIF
- SPI LCD interface
- Infrared remote control
- Keyboard presets, rotary encoder
- SCB I/F (I²C compatible)

EXAMPLE:

Frontier’s collaboration with Spotify has enabled 400+ different home audio products, from 50+ different brands, across 10+ countries, with the Spotify Connect service. Similar collaboration with other music service providers, for example, Amazon Music, Deezer, Napster and Tidal provides a wide choice of services to the consumer. All selectable using our UNDOK app.
VENICE X SMART RADIO SYSTEM
Low-cost turnkey solution for Smart Radio

FEATURES
- On-demand music
- Internet radio
- Bluetooth
- DAB/DAB+/FM RDS
- Aux in
- Presets
- Audio EQ
- Display options
- iOS / Android app
- Multi-language

FRONTIER’S CREDENTIALS
- Units in the field, upgradeable for new services: 5M+
- Man Years of development: 1000+
- Different models in the field: 500+
- Brands enabled with our smart audio solutions: 100+

EXAMPLE CATEGORIES POWERED BY OUR TECHNOLOGY AND SERVICES
- Portable
- Soundbar
- Smart Radio
- Speaker
- Media Adaptor
- AV Receiver
- HW/SW dev.
- Software dev.
- UX dev.
- Certification
- Maintenance

Cloud-to-device API development
- Partner licensing
- Project Management
- Certification help
- Reporting

SERVICES FOR STREAMING OPERATOR

Frontier Smart Technologies is a pioneer in technologies for digital audio and smart IoT devices. The company’s customers include: Bose, Denon, harmonic/kardon, JBL, Onkyo, Panasonic, Sony, Yamaha, Altec Lansing, Blaupunkt, Grundig, Hama, Klipsch, Marshall, Philips, Pioneer, Pure, Roberts, Technisat, Teufel and many more.

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