

Platform Feature Overview

Web . Desktop . Mobile . Car | v2.2.2

What sets it apart

■ One platform for every screen

Website, desktop app, mobile apps, and in-car (CarPlay and Android Auto), all from one system with one admin and one set of content. Most providers give you a website and stop there.

■ A whole network in one app

Run one station or a hundred from a single install, with a manager dashboard over all of them, and listeners get every station in one place.

■ You own the audience

Listener accounts, favorites, requests, and voicemail live in your platform on infrastructure you control, not a third party's.

■ It pays for itself

A built-in ad and preroll engine with sponsor CPMs, billable impression logs, and one-click invoicing turns airtime into revenue.

■ Set up in minutes, update without losing a thing

Your data, widgets, and custom pages are preserved on every update.

■ Licensing-aware streaming

Serve the right feed by territory, so rights issues don't ground you.

1. One platform, every screen

- **Website:** responsive, installable PWA that runs in any browser
- **Desktop app:** installs on Windows and Mac and runs in its own window
- **Mobile apps:** iOS and Android, native-style app shell
- **In-car:** Apple CarPlay and Android Auto, with station artwork and steering-wheel / lock-screen play, pause, and station skip
- **Big-button Car Mode driving screen** on desktop and mobile
- **Mini-player popup window that keeps audio going while the listener browses**
- **Lock-screen and notification controls on every device (artwork, title, artist)**
- Install prompts, post-install setup help, and detection of an already-installed app
- Offline-ready service worker with instant updates
- **One codebase and one admin keep every platform in sync automatically**

2. Streaming & playback

- Live streaming over Live365, Icecast, and Shoutcast
- Live now-playing: title, artist, album, and cover art (with automatic iTunes art fallback)
- **Switch stations instantly, with a smooth crossfade between them**
- **Graphic equalizer with presets (Flat, Bass, Vocal, Rock, Jazz) via Web Audio**
- **Real-time audio visualizer / spectrum**
- **Sleep timer (15/30/60/90 min) with a live countdown**
- **Alarm radio: wake to a chosen station with a 30-second fade-in**
- **Instant Replay: buffers the live stream so listeners can rewind and scrub**
- **Save This Song with a saved-songs list, plus session play history**
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Buy This Song: Apple Music, Spotify, and Amazon links for the current track

- Station-ID / jingle preroll before the stream
- **Keyboard shortcuts, auto-reconnect on stall, and screen wake-lock while playing**

3. Multiple streams, geo & licensing

- **Multiple stream URLs per station, used two ways:**
- **Geo / licensing: serve a territory-specific feed (e.g. a UK-licensed stream to UK listeners)**
- **Application / platform separation: point the app, web player, or a market at different feeds or bitrates**
- **Listener region picker with per-device memory (no IP tracking required)**
- **Not-available-in-your-area fallback that lists the stations a listener can hear**
- Automatic HTTPS stream proxy so insecure source streams still play on a secure site
- Optional Cloudflare or privacy-safe IP geolocation

4. Discovery & home experience

- **Home layout adapts to your size: a distinct hero for 1, for 2-5, and for 6+ stations**
- **Orbit carousel, floating-card collage, animated and image backgrounds, or an editorial text hero**
- **Station of the Day featured banner with one-tap play**
- **Live now-playing dashboard across every station, with a song-change animation**
- **Home jukebox strip: a one-press now-playing grid**
- Genre and type filters, search, and station favorites
- **Private per-station listener notes**
- Scrolling now-playing ticker and a rotating did-you-know tip bar

5. Listener engagement & community

- **Song requests: listeners browse and search the actual station library and request a track**
- **Requests drop straight into the live automation (SAM Broadcaster / StationPlaylist), or fall back to email**
- **Listeners pick the exact day and hour their song plays, with double-booking and 48-hour duplicate protection**
- Per-listener request rate limits and optional email verification
- **Voice messages: listeners record up to 30 seconds in-browser, emailed to the station**
- **On-air song assistant: ask about the song, artist, or album playing now**
- Share to social with auto-play deep links
- **Listener accounts that sync saved songs, favorites, and notes across devices**
- **Hidden live-listener count panel (network total and per-station)**

6. Content & programming

- DJ / host profiles with dedicated pages: photo, bio, social links, and on-air schedule
- Shows with dedicated pages (popup, full-page, or inline)
- **Podcasts / Retrocast section with an inline episode player**
- Video gallery (YouTube and Vimeo) with automatic channel sync
- **Music-news aggregator pulling 25+ sources with category and per-source filters**
- **Concert / tour finder powered by Ticketmaster (by ZIP, artist, genre, or date)**
- About, contact, and full legal pages (privacy, terms, contest rules)
- **Custom one-off pages built from blocks, that survive every platform update**
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7. Program schedule (TV-guide)

- **Day-by-day program grid of shows and DJ blocks per station**
- **Times auto-convert to each listener's local timezone**
- **On Air Now card with host, time remaining, and a live progress bar**
- Up Next preview with a countdown
- **Live host highlight (on-air badge) computed on the station clock**
- One schedule, shared across host, show, and station pages
- **Listeners can download a show's schedule as a calendar (.ics) event**

8. Widgets (100+ building blocks)

- **Standalone widget builder: about 100 widget types across 15 categories**
- **Engagement: listener map, shoutout wall, voice-memo wall, photo wall, polls, trivia, caption contest, birthday wall**
- **Live info: weather and forecast, air quality, tides, clocks, stocks, crypto, currency, flight status**
- Music: recently played, charts, song / artist of the day, lyric of the day, Spotify / YouTube / SoundCloud embeds
- **On-air: On Air Now, coming up next, call-in number, text-in, listener-count gauge, show notes**
- **Sponsors & fundraising: sponsor ticker, coupons, donor wall, match challenge, sponsorship tiers, tip jar**
- **Games & civic: spin the wheel, daily prize, name that tune, sound board, crisis hotline, voter info**
- **Live preview, per-zone placement, three embed methods, and a moderation queue for listener submissions**

9. DJ Prep (tools for your on-air talent)

- **Per-DJ accounts with private logins and cross-device sync**
- **Nightly, automatically generated show prep: about 225 fresh items across nine categories**
- **Grounded in live web search, so facts are real and current, not made up**
- **Prep in advance: pull prep for any future date with a built-in date picker**
- **On-demand generators: song facts, trivia, listener shoutouts, polls, caller hooks, and one-liners**
- **Every item includes an on-air hook, fast facts, context, and a caller conversation-starter**
- **Rewrite any hook in the DJ's own saved voice / persona**
- Favorite, edit, mark-used, and save items to a personal library
- **Multiple providers with automatic fallback, plus an offline generator so prep is never empty**
- Print-ready booth sheet and a built-in concert search
- **Private, password-gated talent portal that themes to your brand**

10. Monetization, built in

- **Preroll ad engine: per-station jingle and ad pools with round-robin rotation**
- **Ads carry sponsor details, CPM / rate-per-play, and start / end flight dates**
- **Pre-ad and post-ad jingles, plus a network house message that overrides every station at once**
- **Billable impression logging: every play recorded, with CSV export**
- **Sponsor invoicing: plays times CPM, with your business profile, printable / PDF**
- Listener support: tip jar plus quick-action buttons (Buy Me a Coffee, PayPal, Patreon, Venmo, Cash App)
- Underwriting, coupon, deal-of-the-day, and merch widgets

11. Reporting & analytics

- **First-party website reports: visitors, sessions, time on site, listeners, station-switchers**
- **Filter by platform (website / desktop / mobile), device, country, region, city, and station**
- Play, visit, and event tracking (voicemails, requests, podcast and video views)
- Google Analytics (GA4) reporting built in
- Automated daily / weekly email reports

12. Live365

- **Now-playing metadata and cover art pulled straight from the Live365 API**
- **Automatic CDN-edge URL handling so metadata always resolves**
- **Live listener-count stats: active listeners, sessions started, and total listening hours**
- **Per-station listener ranking and a network-wide rollup**
- Streaming analytics by date range, cached so it never hammers Live365
- **Organization auto-detection, so setup is just email and password**
- Recently-played history log built from the Live365 feed
- **Daily / weekly Live365 email report with an hour-by-hour listener heatmap**
- **The full Live365 Listener Intelligence tool embedded right in your admin**
- **Hidden live-listener panel on the site for staff**

13. Branding & customization

- Full white-label: your logo (light and dark), colors, fonts, and hero
- **Multiple hero layouts with animated or image backgrounds**
- **Nested navigation builder with dropdowns, custom links, and per-item visibility**
- **Configure the website action bar, the mobile / desktop tab bar, and the More menu, per station**
- Background skin picker and light / dark theme toggle
- **Live visual editor: edit page text and elements without touching code, preserved across updates**
- Editable footer and full legal pages

14. Station-owner / admin tools

- Web admin panel with full content management (stations, shows, DJs, news, videos, podcasts, pages)
- Guided setup wizard, live in minutes
- Image upload with automatic resizing, plus audio upload
- **One-click self-updater that backs up and preserves all station data**
- **Import stations, shows, and DJs from another site automatically**
- **RSS feed health check and a schedule conflict checker**
- Testimonial generator and bulk import tools

15. Network management (multi-station operators)

- **Run many stations from one install and one app**
- **Central manager dashboard across every station and site**
- **Single sign-on from the manager into any station's admin**
- **Remote plan / station-cap enforcement and add-on entitlements**
- **Turn a whole site on or off remotely, with trial markers and expiry**
- Per-station contact and notification email routing

16. Platform & reliability

- PWA with an offline service worker
- **No database required: each install is self-contained JSON, so it is cheap, fast, and portable**
- Listener accounts sync across devices
- Security: hashed admin passwords, signed manager tokens, rate limiting, input sanitizing
- Built for search and sharing: Open Graph, Twitter cards, and structured data for voice search
- **Embed mode to drop the player into any external site**
- **Priced per station, never per listener**

radioforge.net . coral star = capability competing radio-site builders typically do not offer