



VJ Pro

Visual Radio Automation

>> It's Time to See Your Radio Talent

VJ Pro strengthens stations at specific locations and enhances the visibility of your station. Broadcast live radio programming and shows on both radio and TV, eliminating the usual costs and efforts associated with traditional TV production.

VJ Pro operates with the same technical staff and talent, ensuring a smooth transition without disrupting your radio station's workflow. VJ Pro can be easily connected to any Radio Automation system and Digital Mixing Console, making it seamlessly integrate with your existing setup.

/// Overview

Why Should Radio Go Visual?

Radio is a versatile and strong medium. In today's competitive media market, both traditional and digital media need to reach bigger audiences. However, Radio has a unique opportunity to expand its reach going visual. Broadcasting Radio on a TV or Web Channel allows stations to reach more people, including those at home and in public places such as malls where large monitors are available.

VJ Pro makes it possible for your station to be seen.

Benefits of simulcasting Radio on a TV channel:

- Expanding from a single media platform to a multi-media approach
- Reaching different audiences, thereby increasing the overall audience
- Managing multiple media platforms (Radio, TV, Web)
- Increasing advertising opportunities, leading to more revenue
- Cross-promotion and cross-selling

VJ Pro has no impact on Studio Workflow, no need for additional technicians, and only quick training for the system setup. Live Radio shows can be broadcast simultaneously on both Radio and TV without incurring the costs and efforts usually associated with traditional TV production. You don't need TV expertise, the production cost is close to zero, and it involves a one-time minimal investment. VJ Pro runs with the same technical staff and talent used at the radio station. Radio keeps its workflow and equipment since VJ Pro can be connected to any Radio Automation and Digital Mixing Console.

How VJ Pro Helps Radio Go Visual?

While a song is on the air VJ Pro coordinates to play the video, and switches the cameras when hosts activate the microphones or when journalists air the news.

VJ Pro drives an intelligent switching for cameras: it can be manual or automatic according to the many criteria and combinations of status, and cameras can be controlled by the fader status or the microphone levels on the Radio mixer.

VJ Pro does it at best with both simplicity and accuracy. Auxiliary sources from the Web or Desktop can be imported, such as video calls from Skype, clips from YouTube, etc.

It is also possible to have a social network integration to display content from Facebook, WhatsApp, Twitter, and more.

The radio channel operations will go on running as usual because the VJ Pro Console seamlessly handles the synchronization between the TV and the radio stream. Any desired system behavior can be configured in the settings panel of the VJ Pro Console by the station manager or system administrator, who determines the style of the channel.

No matter how you name it – Radio Vision, Radio over TV, Visual Web Radio, Live Visual Radio, or Live TV for Radio – VJ Pro is the best way to achieve it!

The VJ Pro Console

The VJ Pro Console is the GUI that allows to control part or all of the features through a few Widgets:

- **LAYOUTS**, intended to manage the behavior of the whole system
- **SWITCHER**, dedicated to the Video Mixer control
- **MASTERS**, for choosing which automation is commanding the Visual Radio
- **PLAYERS**, to show information about playing clips. The playlist comes from the Radio Automation
- **GRAPHICS**, to manage superimposed graphics
- **CAMERAS**, to manage PTZ cameras
- **STATUS**, to view the status of all the system components
- **RECORDER**, to record what is currently on-air

The video format can be selected between PAL or NTSC. The resolution can be standard (SD), high resolution (HD), and 4K; in the case of SD, 4:3 or 16:9 can be chosen while in the case of HD, vertical 1080 or 720 pixels can be switched.

Versions

- VJ Pro
- VJ Pro Live

Add-Ons

- DMLX Compliance Recorder, useful for legal purposes and content repurposing;
- XMAM, for a structured management of the Video Clips to be put on-air with the Visual Radio;
- MXC, which extends the routing of the VJ Pro output to any IP output and manages SCTE signals.



**For more information
about VJ Pro,
visit our website**



/// Features

General

- A Fully Automatic or Manual workflow to produce a Visual Radio live video channel.

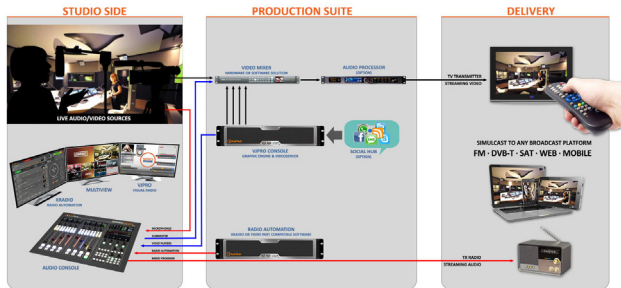


Figure 1 – VJ Pro Architecture

- VJ Pro is virtually compatible with any video and file format: DV, HDV, DVCPRO, MJPEG, MPEG-2, TS, MPG, VOB, H.264, H.265, AV1, MP4, QuickTime, PRORES, DNxHD, AVI, WMV, ASF, MXF, XDCAM, IMX, GXF, LXF, FLV, MKV, WebM, HuffYUV, VP8, VC3, JPEG2000, DPX in any resolution or frame rate with automatic adaption.
- Video Payout and Capture – 2 channels payout with video mixing/crossfade/effects. Perfect Audio/Video synch 1 channel recording.
- Graphics engine – Multi-layer CG for graphic generation with Fill and Key. Automatic titling (song author and title). Animations, logo, Ticker, Clock, etc. RSS feeds, Weather information, News, etc.).
- Free CG Composer software for graphic layout creation.
- User Interface – Smart GUI for manual control of graphics, layouts, video switcher, cameras, recorder, and studio switch. Hardware Instant keyboard with 64 hotkeys.
- Video Switcher control – Native integration with Atem, VMIX, Tricaster, etc. Connection: SDI/NDI/Stream (according to video switcher features). TCP/IP and serial connection.
- Integrations with external/third-party products are typically part of a Visual Radio setup:
- Radio Automation – Native integration with DJPro and Xradio automation from AxelTech;
- Middleware module to integrate third-party Radio automation (Zenon, Netia, etc.);
- Radio Console – Native integration with Oxygen digital radio console. Custom modules to integrate third-party mixing consoles (Studer, Axia, Lawo, DHD, Wheatstone, etc.). GPIO management;
- Cameras – Camera control (Sony/Visca/Panasonic protocols). Intelligent switch for automatic camera switch (multiple configurations and rules).

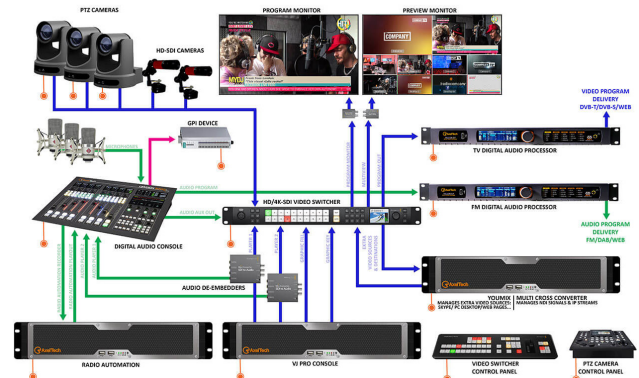


Figure 2 – Audio & Video typical routing

- Advanced Audio Routing: It allows to mixing of the studio audio live contribution, microphones, with the audio track of the video clip on air. This technicality adds a big value to the Visual Radio product, making possible a user experience identical to traditional radio broadcasting.

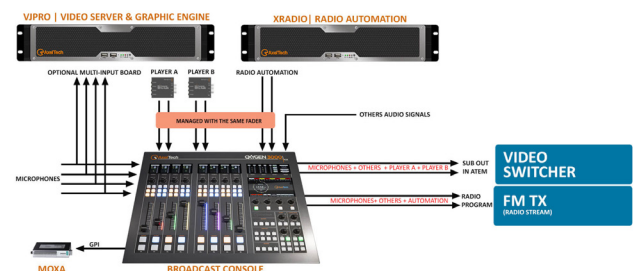


Figure 3 – VJ Pro Advanced Audio Routing

- Free tools included in VJ Pro:
- XTrimmer > Metadata injector and quality control
- CGComposer > CG template creator



For more information
about VJ Pro,
visit our website

