

Workstation Audio Control

Enhanced Edition 2.1

Optional with ALERT AM or Classic Information Stations



The Workstation Audio Control (WAC) option, which functions as an audio source for information radio stations, allows on-screen control of high quality broadcast messages from a single workstation and/or across a network. WAC enables natural audio recordings, text-to-speech generation, broadcast audio processing, visual audio editing, scheduled playlist changes and event logging.

The system includes a configurable PC and custom software suite for drag-and-drop message control specifically designed for information radio stations. Workstation Audio Control works in conjunction with a studio package that manages the creation, visual editing and up to 3,000 hours of audio of high quality recorded or text-to-speech broadcast messages. This unique package allows “one stroke message processing” to produce the best broadcast message quality and sound intensity. It also provides the creation of preset groupings of messages that may be immediately put on the air in emergencies, prescheduled program changes, as well as time-based event logging to document which messages are being broadcast at a given moment in time.

New features in Edition 2.1 include program control via remote interface**, integrated live microphone and playlist creation/editing in an off-line programming mode.

The hardware package consists of a Dell PC running Windows 7 Pro, 22-inch flat panel monitor, 250GB/1TB hard drives, 4 GB RAM, headset, mouse, keyboard, studio quality sound card and all interface cables. The high quality audio output can be interfaced to transmitter systems via Wireless Audio Link, leased line, distribution amp or direct feed. The package also includes an uninterruptible power supply (UPS) and power surge arrestor system.

Workstation Audio Control Enhanced Edition 2.1 retrofits to any ALERT AM or Information Station radio system. It works in conjunction with telephone message control and automatic NOAA “all hazards” override from the ALERT AM’s NX8R*** Digital Message Player. Retrofit packages include all hardware, software, cables, preprogramming, uninterruptible power supply, illustrated instruction manual and user interface tools.

New with Edition 2.1

- New user interface look and feel.
- Windows 7 Pro platform.
- Text-to-speech capability.
- Playlist scheduling by date and time.
- Program control via remote interface.**
- Integrated live microphone.
- Automatic restart of broadcast program upon power restoration.
- Single-message repetition.
- Production mode: playlist creation and editing without broadcast interruption.

Specifications

Workstation Audio Control Enhanced Edition 2.1 includes all hardware and software.

Program Management Software

- Allows storage and drag-and-drop control of up to 3,000 hours of broadcast .wav messages from an active PC control screen.
- Unlimited number of broadcast messages in library.
- 1-10 broadcast messages in rotation on screen.
- Unlimited number of messages may be broadcast in rotation.
- Unlimited number of message playlists may be created/stored.
- Message scheduling by date and time.

Optional Studio Software Packages include . . .

- Audio management software for recording, graphic editing.
- One-stroke audio processing and optimization for highest AM broadcast quality, intelligibility and signal distance.
- Text-to-Speech module for creation of broadcast messages directly from imported or typed-in text.

Hardware*

- Uninterruptible power supply.
- Cables and software interface tools.
- Complete, configured PC with . . .
 - Windows 7 Professional operating system.
 - Gigabit integrated network interface card.
 - 16X DVD-ROM.
 - 250GB operating system hard drive.
 - 1TB hard drive for recordings.
 - 4GB RAM.
 - Dual Core processor.
 - ASI 5111 audio card.
 - Live audio mixer (internal).
 - 22" wide flat screen monitor.
 - Keyboard.
 - Mouse.
 - Power surge arrestor.
 - Headset.
 - Complete factory setup.

Support

- Remote ISS support for the life of the product.

Quote

- Bill Baker (email bill@theradiosource.com, phone 616.772.2300, extension 102) will help you plan your station and will provide a formal quote.
- Onsite installation, setup, system configuration and staff training services are available. Prices are quoted individually for each project.
- One year of telephone support, followed by email/webmail support for the life of the product = no additional charge (\$0). See below for more on warranty. Visit theradiosource.com or scan the below QR tag with your phone to go directly to the webpage.



*Warranty

Hardware by Dell has a 3-year, onsite warranty with next-day service. The software has 1-year email support. The Audio Science sound card has a 1-year manufacturer warranty. Upon delivery, 1 year of phone support is provided by ISS (24 hours/7 days a week) technical staff for operation and troubleshooting all Work Station Audio Control hardware and software. Warranty is void should the configuration of components, hardware or software be modified (modified with respect to their operating environment) subsequent to delivery.

**Remote Interface

While the remote interface does include most of the functions and features of the host system, certain features are not enabled, such as, live microphone and production mode (playlist creation and editing without broadcast interruption).

***NX8R Digital Message Player

Workstation Audio Control V2.1 is recommended for use with the NX8R Digital Message Player. NX8R has 2 input channels, which allows NOAA All-Hazards/Weather Radio as the second live input source.

Founded in 1983, Information Station Specialists is the nation's sole domestically owned source for Information Radio Stations, Advisory Signs and associated power sources used to broadcast safety and service messages to motorists, and the only source providing a product entirely made in America.



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US Patents: PowerPlane Groundplane System, #5,495,261; Vertical Profile Antenna System, #7,027,008.

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