

NEW~WAVE

Advanced Radio Automation

Introductory Sale...

\$750

NEWV-1 automation software \$1,000 msrp



powerful software for On-air Radio, Internet Radio, & Podcasting

- Perfect for Broadcast & Internet Radio
- Live On Air, Automation, & Production
- Simulcast Live, Automate, Stream, & Podcast
- Streaming Radio Server support
- Works with Streaming service providers
- Produce & Distribute Podcasts
- One week rotating Schedule
- Voice track locally or from a remote PC
- Supports traffic and billing
- Sophisticated Music scheduling built in
- designed for Windows 7 PC computers

NEW~WAVE... is a Windows PC based software solution for today's and tomorrow's professional radio applications. It is designed specifically for playing audio files from hard disk, internet streams, FTP stored audio files, MP3 players, smart phones, text to speech, and much more. NEWWAVE brings together all of the newest technologies to produce an exciting show for your radio audience. Play live broadcasts, automated broadcasts, podcasts, and stream for internet radio... all at the same time. Most important, NEWWAVE is quick to learn and easy to use. Designed for both novice and professional alike, it has the simplicity required to get to air quickly and yet the sophisticated features for advanced users. Highly fault tolerant, NEWWAVE will not allow dead air in automation. Also, if connected to an Arrakis 'Advanced Radio Console' (ARC series), the console and software merge to complete a powerfully integrated radio workstation. NEWWAVE supports the Microsoft Windows 7 operating system.

powerful, flexible, easy to install, and low cost

Features

Interface with Arrakis ARC series consoles...

When a PC running NEW~WAVE software is connected via USB cable to an Arrakis ARC series console, NEW~WAVE will auto-recognize the console and use the console's built in play-record sound card as its main sound card. The PC's internal sound card will be used for a second play output for production and cueing. This merges the console and software into a powerful integrated radio workstation.

Types of Radio Applications...

NEW~WAVE is designed for file based audio playback and recording for on air or internet radio applications. The on air audio output can be sent to a transmitter for over the air broadcast and-or to another PC for streaming by SurferNetwork, Live365, or other service providers. Podcast programs can be recorded and then uploaded via standard FTP software to your server. With two sound cards the live screen can be producing (and-or recording) one program while another scheduled program can be playing from the Automation output. With multiple program outputs, voice tracking, music scheduling, traffic interfaces, and much more... NEW~WAVE is ideal for any radio application.

FTP, Smart phone, Network, and other external audio files...

NEW~WAVE supports the play of audio files received from nearly any source. The software features a file folder named 'Import Audio'. This is where any new audio file should be recorded, transferred over the network, received from a Smart phone, or downloaded from an FTP site. The software checks audio files in this folder every 30 seconds. If the file size is changing as in a new recording, re-recording, FTP transfer, streaming source download, network transfer, etc, then the software waits before importing the file for play on air. Once the file is complete in the import audio folder, NEW~WAVE will transfer the file to the library folder and update the library directory in the software. This powerful feature allows NEW~WAVE to receive and play compatible audio files from any type of digital media source anywhere in the world.

Live On Air Hot Keys...

The on air screen features 24 assignable hot keys that can play up to 3 keys at a time. Any number of custom hot key lists can be created for playback.

Live On Air Play List...

The on air screen features a play list player. Any number of audio files can be selected from the audio library and placed into this list. The list can be named and saved for later playback. The Hot Keys and Playlist can be played at the same time to air without conflict.

On Air Automation (a second Program output)...

NEW~WAVE features an automation player that plays from a schedule stored on disk. The automation player will play to the live on air sound card or to a separate sound card for automation on air while using the live on air hot keys or play list for another program.

Recording Programs for play On air, Podcasting, etc...

The on air screen features a recorder for recording a live program created by the Hot Keys and Play list. When connected to an Arrakis ARC series console, the recorder will record the main Program output of the console complete with a mix of the mic, NEW~WAVE audio, and all console channels.

Voice Track Recording...

Once an automation schedule is created in NEW~WAVE, voice tracks may be recorded directly in the scheduling screen. The voice tracks are automatically inserted and saved in the schedule. The overlap will be automatically set to the EDM time of the preceeding audio event. Voice tracks will be automatically deleted from the library once played in the automation player.

Perfect overlaps every time...

Every audio file can be tagged with an EDM time to start play of the next audio file. Listen to the end of the audio file in the NEW~WAVE library screen and select the EDM point. When the file is played back in the play list the overlap will always be perfect.

Text to Speech...

NEW~WAVE does not directly support text to speech. It supports audio files produced into the Import Audio folder from standard Text to Speech software.

Audio File Formats...

NEW~WAVE is designed for simultaneous play of uncompressed WAV, compressed MP2, and compressed MP3 audio files.

Adding Data to Audio Files...

Audio files can be recorded and edited in 3rd party audio software and then have data added to them for radio specific play. NEW~WAVE features a library screen where audio files may be tagged with special data such as the overlap start time for the next file, the type of audio file ('S' for spot, etc), and much more.

Play Record Capabilities...

If the PC has the processing and memory capacity, NEW~WAVE can mix up to three audio files live on air, three files to automation, cue, and simultaneously dual record a program and voice track. It supports from 1 to 3 PC sound cards for live on air, automation, and cueing. A minimum of two sound cards is suggested for simultaneous play on air and production. The second sound card can be an external USB sound card.

Satellite Automation...

NEW~WAVE is designed for file based reception of network audio from FTP or other sources. Therefore NEW~WAVE does not support a source switcher for network play-record or satellite automation.

Timed Play of Events...

To simplify scheduling and because NEW~WAVE does not support a source switcher for meeting a timed network audio broadcast, NEW~WAVE does not support playing events at an exact time. The automatic drop feature of the automation system assures that a top of the hour event will play no later than the end of the last event to play over the top of the hour.

Cart Rotations...

Eight character cart numbers are supported by NEW~WAVE. If a dash (-) is placed in the cart number then the following characters are the rotation number. Up to 99 audio files may be placed into a rotation. Spots (type 'S' events) will rotate sequentially while other type audio files will rotate randomly.

Start and Kill dates...

NEW~WAVE supports start or kill dates on audio files in the Play List and in the Automation player

Autofill in Automation...

When a file that has been scheduled does not exist in the library, NEW~WAVE will move on to the next event in the schedule. Because this software does not need to fill exact length satellite stopsets, missing audio files will not be replaced from an autofill category. Instead, if the automation schedule hour is short due to missing files, the software will fill the remainder of the hour from a 4 event rotation of a type 'J' jingle followed by three type 'M' song events.

Music Scheduling...

NEW~WAVE features a powerful category based music scheduler. Assign all songs to one or more music categories such as 'Current's', 'Recurrents', 'Gold', etc. Then, enter a SONGN event into the schedule (where 'N' is the music category). NEW~WAVE will then pull from the specified category at play time in the automation schedule. Songs are played sequentially through the category until the category is complete. Once complete, the category is shuffled randomly for continued play.

Commercial (Spot) Scheduling...

For stations with a limited number of commercials and without the need for exact scheduling or dayparting, NEW~WAVE supports a 'SPOT' cart number event. If a SPOT cart number is encountered in the automation schedule, then a spot will be selected sequentially out of all type 'S' spot audio files. Base cart rotations will be honored and a rotation selected. Once all spots have been played, then play will reset to the first spot in the library. Selection of appropriate cart numbers for the spots will eliminate back to back play of conflicting client spots (such as two car commercials back to back). If more complex spot scheduling is required then manual scheduling or traffic imports may be used.

Traffic Imports & Reconciliation...

NEW~WAVE uses the Digilink-Xtreme traffic import-export standard which is supported by all leading traffic and billing companies such as Natural Log. The import should be a combined traffic and music schedule.

Play Log...

NEW~WAVE creates a merged play log of all audio events for viewing and printing.

Spot Logs & Traffic Reconciliation...

NEW~WAVE creates a play log of all type 'S' spot events in the Digilink-Xtreme standard format that is accepted for reconciliation by all major traffic software products.

Music Log & Reports...

NEW~WAVE creates a separate play log of type 'M' music files for reporting to Sound Exchange, BMI, etc.

RDS-RBDS...

NEW~WAVE supports data output via RS232 comport to 3rd party RDS encoders. Supported encoders are industry standard models: Audemat-Aztec, Inovonics, and BE.

Web Streaming Service Interfaces...

NEW~WAVE supports all major streaming services. Please see our website for the current list of streaming providers.

Selecting a PC...

NEW~WAVE is designed for operation on new model, Microsoft Windows 7 PCs. Both 32 bit or 64 bit operating systems are supported. A minimum of 4GB of RAM is recommended.

While NEW~WAVE will operate on PCs with the Microsoft Windows XP or Windows VISTA operating systems, use of these operating systems is not recommended. NEW~WAVE will not operate on earlier operating systems

Demo software...

A non-functional version of NEW~WAVE is available for basic demo purposes.

Software Updates and Upgrades...

Software updates are available for free from the Arrakis website until the next 'Version Upgrade' is released. The next 'Version Upgrade' will be available for purchase.

Software Authorization...

NEW~WAVE is sold with a USB memory stick for authorization. The USB stick must be in one of the PC's USB ports for the software to operate. The stick is not specific to any single PC and may be moved from one PC to another.

Comparing NEW~WAVE and Digilink-Xtreme...

NEW~WAVE... is a remarkably powerful, easy to learn, easy to use, professional on air Radio software product that plays and records digital audio files for on air Radio programming. On air play, automation scheduling, voice tracking, recording, log reporting, and audio library management are all performed on a single PC using the PC's sound cards. If it is desirable to perform scheduling, voice tracking, etc. in a second studio, then a second NEW~WAVE system must be purchased.

Though designed for standalone PC based operation, when a NEW~WAVE PC is connected via USB to an Arrakis ARC series console, the PC and console merge into a single integrated digital Radio workstation. The NEW~WAVE PC will use the USB sound card built into the ARC console for play and record. The PC's sound card will be used for production play and cueing.

DIGILINK-XTREME... is a full featured network based Radio production, scheduling, and automation system designed for a single studio or a networked multi-studio radio station. It will play to air digital audio files, realtime network source switcher audio, satellite automation programming, delayed timed record programming, serial command control of other equipment, and much more.

The Digilink-Xtreme software can be used in multiple studios for free. The 'Scheduling mode' is used in scheduling studios for traffic and music scheduling, traffic reconciliation, voice tracking, music log reporting, etc. The 'Studios mode' can be used in news rooms, on laptops for remotes, and anywhere that PC audio scheduling and playback is useful in the radio station.

Digilink-Xtreme comes with 'Bridge' hardware that is connected to the PC via USB and RS232 serial cables. The 'Bridge' contains a 16 input by 3 output stereo routing switcher, input output logic for interfacing to satellite automation receivers and consoles, and dual stereo USB sound cards for playback and recording. The 'Bridge' has trimpot level adjust on all inputs and outputs and supports both balanced professional +4dBu and unbalanced consumer -10dBu levels.

special features found in Digilink-Xtreme...

- ~ Operating system: supports Windows XP and Windows 7 (NEW~WAVE Windows 7 only)
- ~ Multiple studio software is free...
 - ~ free 'Scheduling mode' software for traffic and voice tracking
 - ~ free 'Studios mode' software for news rooms, remotes, or anywhere
 - ~ free 'X-edit' production software for production rooms and library management
- ~ Multiple studio Network mapping: network mapping for the audio library, schedule files, etc.
- ~ Timed events for meeting exact times. PC audio events will auto-fade to meet the time.
- ~ Independent Traffic and Music import & merge (NEW~WAVE combined traffic & music)
- ~ Music scheduling supports Mood, Tempo, Texture, Gender, Artist, and more
- ~ Start and Kill dates for complex cart rotations and sophisticated scheduling
- ~ On air Phoner recorder and editor for call in shows
- ~ Voice track recorder features adjustable start times on each voice track
- ~ Time to Voice count down on audio files for live shows
- ~ Autofill type 'A' category to auto-replace missing or out of date audio files in the play list
- ~ Powerful Automation template using audio types (S-spot, M-music...) for simple automation
- ~ Games schedule for unattended automation of baseball, football, and other game events
- ~ Timed Recorder for recording network feeds for later playback
- ~ Source switcher: 16 in by 3 out stereo with both balanced & unbalanced inputs & outputs
- ~ Playlist control of RS232 serial events for control of other equipment (satellite steering, etc)
- ~ Place text Notes in the schedule to cue operators
- ~ Tag text to audio files for music notes, news text, etc.
- ~ Console Control logic for channel start and automation play list control
- ~ Satellite Automation Control logic

Warranty: 1 year limited

Specifications subject to change without notice