

# DHD-COMPLETE

- Live On Air
- Automation
- Production
- Scheduling
- Voice Tracks
- Music
- Logging
- Reports
- Streaming



just  
add  
PC



DHD-tools software included  
for On Air & a 2nd PC

on sale from \$10,500  
**\$5,999**



Arrakis 'Bridge' hardware  
included

DHD-COMPLETE is a radio station in a box with both On Air and Production capabilities... just add Windows PCs. DHD-COMPLETE includes Arrakis 'Bridge' hardware that interfaces your PC to the audio world: 2 stereo sound cards, 16 x 2 channel stereo switcher, and 64 logic I/O pins. The Bridge supports live and automated On Air with hard disk, satellite, source, and Game events.

For Production, Arrakis includes 'DHD-tools' software for scheduling, voice tracking, and reporting from ANYWHERE in the world. DHD-COMPLETE is a one or two studio solution. Either do everything on the On Air PC or network connect your On Air PC to a second PC running DHD-tools in another studio. Your choice, Scalable to any size, just add more DHD or Tools workstations.

Arrakis has been a worldwide leader in on air consoles, automation systems, and studio furniture for the Radio industry for more than 35 years.



## About DHD-COMPLETE



# DHD-COMPLETE

DHD-COMPLETE is the senior member of the Digilink-HD radio automation product family. Including Arrakis 'Bridge' hardware, it features support for satellite and source automation, Games, and Timed recorder with network switcher. DHD-AIR is the other member of the product family. It is focused on hard disk audio playback using the Arrakis DHD-DAC external usb audio sound card and is ideal for stations that use their own hard disk audio content instead of national satellite programming. For those who require satellite events, DHD-COMPLETE is the perfect choice. With live on air, automation on air, production, scheduling, and reporting, DHD-COMPLETE is the complete station solution.

### **DHD-COMPLETE is a hardware and software bundle (PCs not included).**

It includes (1) Digilink-HD on air software, (2) Bridge hardware (sound cards, switcher, and logic), and (3) DHD-tools for a networked auxiliary studio for scheduling, library management, production, reporting, and more. With DHD-COMPLETE, you have a complete radio station with On Air, Production, and Traffic studios. All can be performed on a single PC or use one PC on air and a networked PC for all other functions. Add more On air and auxiliary studios by optionally adding more DHD-COMPLETE and DHD-tools workstations in other networked studios.

### **DHD-tools software**

Tools can select from and control up to 10 On-Air studios. Record your voice tracks, change your schedules, add audio to specific stations and manage your audio libraries. All of this can be done for up to ten on air stations from a single networked PC. With DHD-tools, you have an all access pass to all networked stations. This gives your staff the ability to do their work from any studio, at any time, on their schedule... from anywhere in the world. Letting you get more done in less time.

### **For Live On Air**

The live assist screens within DHD-COMPLETE are powerful and yet easy to use. Each DJ has quick access to all major components for live assist. Add a second monitor, and immediately you have twice the information at your fingertips. Touchscreen compatible, the DHD-COMPLETE allows you to access Hot Keys on the fly. You can also create custom playlists, look at reports and search through your audio database in seconds. Got a specific song in mind, but can't remember the name? Use the powerful search function. Have a phone call and want to quickly record the call for instant playback, use the Recorder. DHD enables your DJ's to do more, quickly and efficiently.

### **For Automation On Air**

Do you want to sound live 24x7 without the cost of being live 24x7? DHD-COMPLETE gives you the ability to create elaborate voice tracks using its built in segue editor and voice track recorder. As your song fades out, play a music bed under your voice track. Auto-duck the incoming song and finish your voice track clean and tight. The process is quick, and easy, thus expanding your "Live" hours to when no one is at the station.

# Features

## Included in DHD-COMPLETE package -

- Digilink-HD live on air and automation software.
- Arrakis 'BRIDGE' hardware
- DHD-tools software for scheduling, library management, production, reporting, reconciliation and more.
- DHD-tools usb key that unlocks DHD-tools

## Hardware - Arrakis 'BRIDGE' hardware

- Dual Windows compatible usb sound cards
- 16 x 2 stereo analog switcher with trim pot level adjust (Program and Record)
- 64 logic IO pins for Satellite and other Logic control
- Interfaces to the PC via USB and USB to RS232

## Live Assist - Running a live show, the Digilink-HD can help.

- Hot Key pages - Create an unlimited amount of Hot Key pages with custom names.
- Playlist - Create custom playlists for your live shows.
- Live Voice tracks - Quickly and Easily voice track your show live.
- Recorder - Quick record for call-ins or for podcasts.
- Up/Down Timer - Count down or up timer for Live Assist.
- Dual Monitor Compatible - Connect 2 monitors for even more space to work.
- Drag and Drop - Easily Drag and Drop audio files to the automation player or hot keys.

## Automation - Play music and shows unattended.

- Hard disk and Satellite and Game automation
- Satellite automation - supports 16 sat channels with logic for Breaks, liners, ID, and Record.
- Game automation - switcher and logic interface with rain delay.
- Weekly Schedules - Create weekly schedules that rotate using music categories and cart rotations.
- Voice track - Create voice tracks for your entire week in a matter of hours. Sound live when the station is unattended.
- Segue Editor - Powerful Segue Editor that allows you to set custom overlap times, duck audio and play Music Beds underneath the voice track.
- Templates - Save & Load schedule templates, such as a Christmas schedule, for later use.
- Copy & Paste Hours - Save hours of schedule with the Copy & Paste function. Copy Hours or even days for quick scheduling.
- Music Scheduling- Create up to 21 different music categories and schedule special music hours.
- 3rd Party Traffic - Import 3rd party traffic schedules to quickly schedule your week.
- 3rd Party Music - Import 3rd party music schedules to merge into your schedule.
- Cart Rotations - create cart rotations for spots for easy scheduling and playback.
- Start & Kill Dates - add kill dates for files to play at only certain times of the year.
- Clocks - Create custom Hour Format clocks to merge with traffic, or music. Extremely flexible and powerful.
- Never Dead Air - Autofill protection if audio is missing or if the hour is under scheduled.

# Features

## Ball Games - Play High School, College & Pro Ball Games.

- Flexible - With ball games, especially High School games, there are many ways to make it work for your specific situation.
- Fully Automated - Save TIME & MONEY by fully automating ball games. Closures support ID, Spotset Break, Liners, Rain Delay/Return to Game & End Game.
- Rain Delay - Have a Rain Delay? The Digilink-HD can take you to your backup schedule and then back to the game when it comes time.
- Start & Kill Dates / Cart Rotations - Supports kill dates as well as cart rotations.

## Timed Recorder - automatic capture of network shows

- 16 channel switcher - record from up to 16 different source channels.
- Timed Record - Setup timed records to record at designated times for later playback.
- Trigger on Audio - It listens for audio and will only record when it gets audio, so no more dead air recordings.
- Closure Record - trigger timed records based on a closure from the network.
- Live Shows - Record your Live shows for playback later, or to send to your website as a podcast.
- Automation Shows - Record your Automation player so you can play scheduled shows for later use.
- Copy & Paste - quickly and easily schedule a week of recordings by copy and pasting hours or days.

## Networkable - Do all your Production & Traffic scheduling from a remote PC

- DHD-Tools - use an advanced scheduling software product for scheduling, voice tracking, reporting and library management. Connect up to 10 On-Air studios.
- Standard Windows Network - Digilink-HD uses a standard Windows network connection.
- Scheduling - Schedule and reconcile your spot logs from a networked PC so you don't have to bother On Air Talent.
- Production - Do all of your production from a networked PC. Easily send audio to 1 station or to multiple stations.

## Remote Access - Connect, to control. Optional upgrade. Learn More

- Remote Voice Tracking - Voice track for your automation from anywhere in the world.
- Remote Control - Control your On-Air or auxiliary PC's from anywhere with an internet connection.
- Remote Production - Add or remove audio files to your system remotely. Manage your audio files. Schedule your automation. Perform all major tasks remotely.

## Internet Streaming

- Internet Streaming Ready - works with 3rd party streaming services.
- Compatible - The Digilink-HD is ready to work with most major streaming services.
- Title & Artist info - Send Title & Artist information to your website or streaming service.

# Features

## **Library Manager - Make production easy.**

- Format Files - Works with .mp3, .mp2 or .wav format files.
- Auto-Name - Recognizes all .mp3 Tag data. Title, Artist, Album & Year. Saves hours when adding files to the system.

## **Reports - Create BMI/SoundExchange & Traffic Logs.**

- BMI & SoundExchange - Quickly and easily create music played reports for royalty payments.
- Spot Logs - Create spot logs to see what and when spots played

## **Resources - Many ways to learn.**

- Comment line Help: just hover the mouse pointer over a control for an explanation of the control
- Embedded Help: Help text boxes are embedded into the software for instant explanation of each feature.
- Manual: a comprehensive electronic operations manual in PDF format.
- Video Tutorials - Dozens of video tutorials to learn the software on your schedule and at your pace.
- Online Help - go the Arrakis website for quick & easy help
- Phone Support- call and speak to our knowledgeable staff.
- Factory Training - optional 2 day training at our Colorado facility.

## **Warranty**

- DHD-DAC: one years parts and labor.
- Software: one year during business hours and business days.

# DHD-COMPLETE On Air Workstation

The basic On Air hardware configuration is displayed below.

If configured as displayed below, when Digilink-HD.exe software is opened, the software will detect the Arrakis 'Bridge'. Upon detection, the software will then configure to display the features supported by DHD-COMPLETE.

Note that DHD-tools will also open and configure to support DHD-COMPLETE. when the on air software is open. DHD-tools will not function if DHD-COMPLETE. is not open at the same time.

Refer to the Digilink-HD Installation Manual for detailed information about installing the 'Bridge.'

Run both DHD-COMPLETE and  
DHD-tools on the same PC  
without a DHD-tools USB Key



Ports  
on PC



## Arrakis 'BRIDGE'

### BRIDGE to PC Interface

The Bridge has both a USB port and an RS232 communications port. If the PC has both ports then a USB cable and RS232 cable are connected between the PC and the Bridge. If the PC does not have an RS232 port then an inexpensive RS232 to USB adapter is used to convert the RS232 from the Bridge to USB for the PC.



- Program 1 Audio Output
- Program 2 Audio Output
- 16 stereo Inputs to Switcher
- 64 Logic Inputs-outputs
- Trim pot level adjust

## DHD-tools Auxiliary Workstation

The basic Auxiliary studio hardware configuration is displayed below.

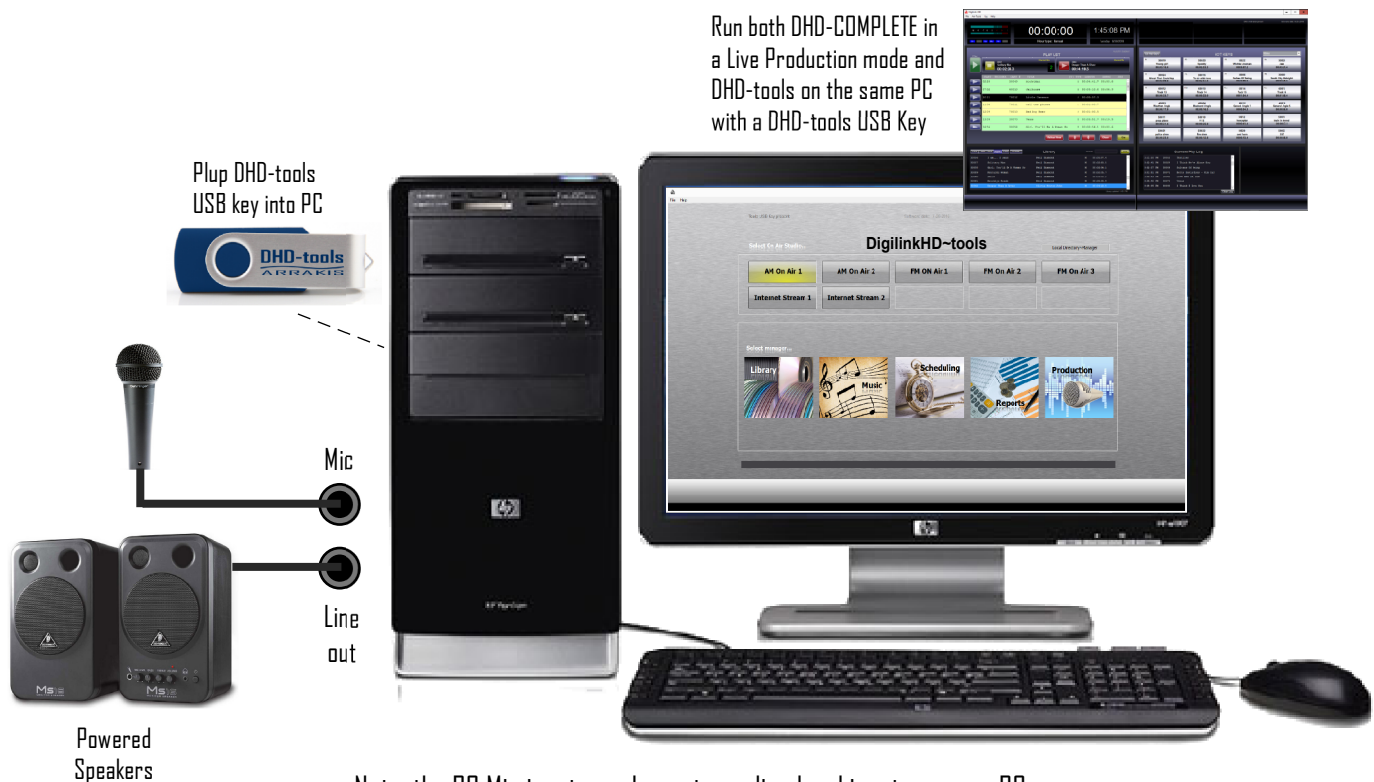
DHD-tools performs all non-On Air tasks: library management, audio distribution between studios, scheduling, Traffic schedule imports, Music schedule imports, Record-edit production, Voice track production, Segue editing, internal Music scheduling, Reporting, Music reports to BMI, SoundExchange, etc.

DHD-tools can be mapped to control up to 10 networked On Air studios... from anywhere in the world.

If configured as displayed below, when DHD-tools.exe software is opened, the software will detect the DHD-tools USB KEY and operate with all authorized features.

The configuration below plays out the default Windows sound card to a set of powered speakers. Play is used for audio management, cueing, production, voice tracking, etc. DHD-tools will record from the default Windows Record sound card. That is often a microphone input (but may also be a stereo line input). The record input is used for recording voice tracks.

Note that Digilink-HD will also play in a Live (non-automated) mode if a DHD-tools usb key is detected on the PC. In this way, the Digilink-HD on air software can be used for audio production: hot keys, basic play list, etc.



## DHD-COMPLETE Help System

DHD-COMPLETE comes with one year of full factory support.

Support is provided in a myriad of ways to quickly and easily answer any question that you may have.

### TYPES OF HELP

- **Comment line Help:** just hover the mouse pointer over a control for an explanation of the control
- **Embedded Help:** Help text boxes are embedded into the software for instant explanation of each feature.

(DHD-tools)

- **Manual:** a comprehensive Printed and Electronic Operations manual (in PDF format).
- **Video Tutorials** - Dozens of video tutorials are available on the Arrakis website to learn the software on your schedule and at your pace. Learn by doing.
- **Online Help** - go the Arrakis website for quick & easy help
- **Phone Support-** call and speak to our knowledgeable staff.
- **Factory Training** - FREE 2 day training at our Colorado facility.

Additional phone and email support, after the warranty period, is available through a yearly 'Support Contract' or on a 'Per Incidence' basis.

**Important:** a certain level of understanding of PCs, the Windows operating system, and Radio station operation is assumed. Training in these basic areas is beyond the scope of Arrakis Warranty Support but is available for purchase in 30 minute training blocks. Contact the Factory for this service.



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Arrakis Radio products  
that your studio may need