AIRCAST Version 6.0.6 Build 3642 (2017-12-14)

[-] HTTP POST logging: Incorrect handling of delay value
[+] License Manager: New "Send diagnostic information" function (Actions menu)
[+] TCP Client remote: New "dummy mode" will ignore all incoming data, so
    you can use the remote for 3rd party protocols in a script
[+] DB: Scheduler: Template assignment: New "Week 1 of 2", "Week 2 of 2" etc.
    assignments, to create continuous rotations of templates. The reference
    date for the week numbering can be adjusted in the admin settings
    (should be set to a Monday which will be considered the 1st week)
[-] Aircheck Recorder: Save dialog not starting in correct output folder
[+] DB: New search option "Full Text Search"; disabling this will only return
    results that _start with_ the search term, speeding up the
[-] DB: "Not found" error in script function GetFolderContent
[+] Scripting: Added function DB(iIndex: integer): IDBConnection
    as a shortcut for IDBConnection(Database(iIndex))
[+] Scripting: Added method Instance.GetLicenseData
[-] Cartwall: Editing NEXT sequence may lead to inconsistent results
[+] New "Check for update" function in the About menu
[*] Better exception handling during waveform generation for corrupted files

Version 6.0.5 Build 3634 (2017-11-16)

[-] DB: "Not found" error when looking up items by non-numeric External ID.
    WHEN USING DBSERVER/DBCLIENT, MAKE SURE YOU UPDATE BOTH SERVER AND CLIENT!
[-] DB: Slow performance or freeze of background playlist cache thread when
    container items are involved
[*] DBE Import: Correct handling of [] characters encoded as special chars 02/03
[-] DB: Possible SQL error when searching by Internal ID
[-] Encoder connection dropped when copying/moving connections
[-] Fixed possible application freeze
[-] Scripting: Fixed incorrect parameter definition of MidiOutSysEx
[+] New Dutch translation files, courtesy of Tom Callebaut (radiostudio.be)
[+] Added import of Natural Log Generic Text [NL-Windows] playlists
[+] New option: Enable detection of growing files
[+] New GUI option: Side-by-side alignment of playlists

Version 6.0.4 Build 3621 (2017-10-13)

[+] Scripting: Added ICartwallPageControl.SaveToFile
[+] Mixdown: Samplerate setting moved to Aircast.ini (Section [Mixdown],
    Samplerate=xxxx); default is 44100
[+] Playlist import filter for Radiohost CSC files
[*] TPI import: Disabled automatic hard fixed times at hour boundaries when
    importing entire TPI file
[*] Updated bassmix.dll to 2.4.9.0
[+] Remote control: Added support for D&R WEBSTATION
[*] Updated OpenSSL to 1.0.2l
[*] HTTPS connections now support SSLv3, TLS v1.0, TLS v1.1, TLS v1.2
[-] DB: Backslash not added automatically to backup and cache locations
[-] Mix Editor: Audio does not update when adjusting multi-track container items

[*] Standard attributes: Drop-down attributes allow empty values
[-] Possible crash during peak generation, added error handler
[*] Updated MIDI library to v7.0r4a, fixing possible exception triggered by
    incoming SysEx messages
[-] Cartwall and some other windows do not remember/restore last position
[+] DBServer: Restore last state after Windows shutdown
[*] DB Storages: Cache location will only be used if the cache file has the
    exact same size and date/time as the original file in the default
location
    (or the default location is not a local drive or network share but an
    HTTP or DBServer, in which case the file size/date cannot be
determined)

Version 6.0.3 Build 3612 (2017-09-22)

[-] Nexus: "Other database" setting lost in config
[+] Scripting: Added Factory.CreateNewsContainerPlaylistItem
[-] News Container: Music Bed CueOut markers not removed
[-] News Container: Fade Out markers of last item or outro ignored
[-] Nexus: "Could not convert variant" error when using reconciliation
[-] DB: Filenames not translated correctly for Embedded Playlists
[*] DB: Enabled editing of container content through Properties dialog
[-] Cartwall: Items added to incorrect player during drag&drop
[+] Airlite: Added switch commands for Non Stop, Mic On, Silence Detection
[-] DB (Internet Client): Possible HTTP 401 error when uploading files
[+] Scripting: Added procedure TCPSendString(iServer: string; iPort: word;
    iString: AnsiString) (requires TCPRemote module)
[-] Playlist comments, cartwall: & character not displayed correctly
[+] Mixdown: Samplerate can be set in config (mixdown.ini, [Options],
    Samplerate=xxxx); default is 44100
[-] DB: MSSQL: Possible "Assertion failure" error
[*] Mix Editor accepts non-playable items (will be filtered out)
[-] DBServer: HTTP Error 500 when authentication fails (should rather be
403)
[-] Cartwall: NEXT button always disabled in GUI
[-] DB: CSV Export: New EffectiveDuration column in CSV output
[-] Tempo/pitch adjustment ignored
[-] DB: Search for duration not working
[*] DBServer: Config changes saved immediately
[*] DB: Faster library browsing due to optimized SQL queries
[*] Encoder: Icecast connections use Latin-1 charset for metadata updates
now,
    to match the expected client behavior of Icecast 2.3.2 and newer.
    You can excplicitly set the charset for any encoder connection in its
    properties now (Metadata tab).
[-] DBClient/DBServer: Possible "Assertion failure" error on write
operations.
    Please update client and server!
[-] DB: MySQL backend: SQL error when loading "Unsorted" folder

Version 6.0.2 Build 3587 (2017-07-13)

[*] IMPORTANT NOTICE: We added some extra protection to our license files.
    PLEASE UPDATE/RE-DOWNLOAD YOUR LICENSE FILE when you install this
    version.
[+] Airlite: Added USB channel setting, will switch cartwall mode (ON, OFF,
PFL)
[-] Cartwall: Item not copied during drag/drop
[-] DB: MySQL backend: Possible SQL error related to "condition" column

[-] DB: Attributes not retrieved correctly for non-file items
[-] License Manager: License disappears after importing from .ini file
[+] Executable is now using the IMAGE_FILE_LARGE_ADDRESS_AWARE flag so that
    it can consume up to 4 GB RAM
[*] DB: Improved performance and lower RAM usage when browsing or exporting
    large libraries
[-] Stream playback always using infinite timeout when playing through
    DirectSound; also affects Stream Monitor which does not detect a stream
    going offline but waits for reconnect
[-] DB: MySQL: Error during schema upgrade
[-] DB: MySQL: Error when editing library items
[+] Scripting: Added ICartwallControl.LoadPageListFromFile,
SavePageListToFile
[-] DB: Pointless confirmation dialog when saving voice tracks;
    VT recorder form is now non-modal so that cartwall can be used
[+] Added Default Directories settings for Cartwall pages/presets,
    Aircheck Recorder, File Recoreder
[-] TPI Import: No file import tasks performed for unknown files
[-] DSP: Advanced compressor: Adjusted lower limit for attack/release to
0.01ms
[+] Playlist: New "Create Individual Hooks" function in popup menu
[-] Mix Editor: Incorrect drawing offset if first non-padded item has Cue
In
[-] Cartwall: When inserting multiple items, "top to bottom" numbering is
    not handled correctly
[+] Encoder: New commands: ENCODER CONNECTION x ON, ENCODER CONNECTION x
OFF,
    ENCODER CONNECTION x ON/OFF (must be typed manually, first connection
    has index 1)
[+] DB: Possible deadlock when dealing with Hook Containers
[*] DB: Improved performance with large number of folders

Version 6.0.1 Build 3565 (2017-06-08)

[-] DB: Sync: Existing folder recreated when using "preserve folder
structure"
[-] Mix Editor: Incorrect drawing offset of waveform if last item has
padding
[+] Network Sync: Added ON AIR status synchronization (over UDP)
[+] Network Sync: Added command execution (over UDP)
[+] Playout: ON AIR status displayed in status bar, double-click to toggle
[-] Playout: Incorrect selection of music items for voice tracking
[+] Playout: Re-added Events button known from v5 to playlist control bar
[-] "Execute command" action: Dropdown missing in properties dialog
[-] DBServer and REST: SQL error when deleting users from auth database
[-] Possible Access Violation error in internal messaging system

Version 6.0.0 Build 3560 (2017-05-25)

[-] Config: "Module not found" when saving config in Management licenses
[-] "Invalid item type" message when trying to use News Container items in
    Mix Editor, nested containers or mixdown
[-] Fixed possible memory leak in player loading and HTTP call code
[-] DB: Possible freeze when opening playlists that contain Hook Containers
[-] DB: "Invalid data type" error when dragging library items into multi-
track
    container
[*] DB: CSV Export: IDs are not zero-padded anymore by default; use the new
    "CSV file (zero-padded IDs)" exporter if you need the IDs padded

[-] DB: Scheduling: When importing music from a file, the first item is
    repeated over and over again
[-] Emergency licenses not accepted due to invalid Hardware ID
[+] New "File Recorder" feature (Professional only, please re-download
license)
[*] DB: Hour templates: "Prevent auto-float" is now turned on by default
    for all (new) "Start of hour" and "End of hour" items
[*] DB: Setup: "Test login" button makes a separate check for a working SQL
    connection, and displays a useful message if the SQL connection is OK
but
    the tables are not
[*] DB: "Update advertising" now also works for region ad containers
[*] Waveforms: Individual amplication of container items is respected
[+] Hook Containers: Default fade in/out duration can be set in config
[-] DB: Hour templates: "Not found" error when editing attribute filters
[-] News Containers not updating item positions correctly when neste into
    other containers

Version 6.0-beta2 Build 3547 (2017-04-19)

[-] DB: Hour template editor: Extra item added at top when auto-float is on
[*] DB: Library: Duration displayed is now the effective duration, not
total
[+] Scripting: Added ITCPClientRemote and ITCPServerRemote interfaces
[*] skin.ini: All entries related to the playlist control bar must be moved
    to a new section [PlaylistToolbar] (or [PlaylistToolbar0] etc.)
[-] DB: "Invalid storage" error when editing file import settings
[-] Live Feeds: Configuration tab missing in item properties dialog
[-] Item properties dialog takes a long time to open
[*] DB: Scheduler speed improvements
[-] DB: Scheduler: Incorrect penalty calculation, leading to slower
generation
[*] DB: Advertising: Region count must be configured also for internal
scheduler
[-] DB: Internet client: Error 404 during configuration
[-] Mix Editor: Possible Access Violation error when no items are loaded
[*] News Containers support an unlimited number of "content" items now
    (but only a single bumper which is placed between any two content
items);
    YOU MUST RECREATE CONTENT AND BUMBER AFTER UPDATE!
[+] New screen object: Time of next event
[-] DB: Container content may not be restored correctly from Library
[-] SAS remote control: Access violation during startup
[-] News Containers: Not handling changes of content duration correctly
[-] DB: Exporting audio files failing with "Invalid path" error
[*] Playlist export (MLPE) can handle any container type now
[-] Interrupting waveform image generation may corrupt image cache
[-] Software will freeze when Winamp DSP plugins are added
[-] Remote control: CARTWALL NEXT PAGE, CARTWALL PREVIOUS PAGE not working
[-] Cartwall: PFL count callbacks triggered when in VT mode
[-] Playlist item properties dialog: Access violation when browsing through
    items or reloading MMD/file tag
[+] DBServer: Ability to enter a list of permitted station IDs for each
user;
    access will be restricted to read-only for all other stations
[-] Playlist: Playback of linked items will stop at non-playable items with
    "Item is not playable" message in player
[-] Strem actions: "Invalid property" error when editing
[-] DB: Possible SQL error when browsing folders

[-] License: "Invalid time limit" error when running on emergency
activation
[-] Hook Containers: Closer not included in playback
[-] DB: Icons not loaded when dragging items from Library to playlist
[-] DB: Sort order not respected when dragging items from Library to
playlist
[-] Hook Containers: Not constructed correctly when Hook markers partially
set
[*] Waveform: Sub-item indicators displayed for any kind of container item
now

Version 6.0-beta1 Build 3520 (2017-03-17)

[-] Item Properties dialog: Possible List Index Out of Bounds error
[-] Database browser: "Not found" error when browsing artists in AircastDB
[-] Playlist: Control bar visible even if disabled in config
[-] Database browser: Items not sorted in tree
[-] Playlist: Control bar skin not processed correctly
[-] Scripting: "IOWarriorRemote" was not working
[-] DB: Possible "Out of memory" error when database contains many items
with
    inline icon data
[-] DB: Some artists possibly missing from database tree
[-] DB: "Not found" error when editing music templates
[-] R128: Possible "Integer overflow" error during scan
[*] Stereo Tool: Added download button for generic DLL
[-] DB: Sync dialog: Existing files may show as new and missing at the same
time
[-] License: SG Lock dongles give "Dongle verification error"
[-] DB: Items not updated in list after Mass Edit
[-] DB: "Invalid item" error on when converting files to dummies or
exchanging
    audio files in the library
[-] DB: Container sub-content displayed in library list
[*] Playlist: Ability to link items with Padding to subsequent items in
ASSIST
    mode
[+] Hooks: Default position of hook can be adjusted on the new "Hooks" page
    in the config app (replaces "Repository" page)
[+] Players: Waveforms now also available for container items
[-] DB: "Not found" error when editing storage
[-] DB: Foreign key and similar errors when upgrading to schema 24
[-] DB: Error message when exporting entire library; speed improvements
[-] DB: Advertising: Access violation when editing existing campaign
[-] DB: Not all artists are shown in the Library tree

Version 6.0-alpha Build 3501 (2017-02-23)

Important changes:

[*] Dropped the "Desktop" feature. Default playlist content, cartwall
presets
    and browser tabs can now be saved/restored separately.
[*] There is only a single event list now, not a separate one for each
playlist.
    When required, you can set the associated playlist for each event in
the

event properties. There is now yellow "next event" button in the
playlist
    toolbar anymore.
[*] Live Feed: Now using "Live Feed Input [1..8]" from Audio Devices
config;
    no explicit selection of audio hardware anymore; facilitates the
    scheduling of Live Feed items from a different computer
[*] Logging: On Air status is remembered when item is started, and stop
logging
    only takes place if instance was on air at item start
[*] Background Scripts: OnItemStart/OnItemStop have additional "OnAir"
parameter
[*] DB Server: New API, with OAuth2-style token authentication
[*] REST remote control: Shares user database with DBServer, supports token
    authentication; anonymous access no longer possible
[*] Players and cartwall: Dropped the "Hook Mode" features. Instead please
    use the new function to create hook items from the playlist
[*] Playlist: Removed "Hide played items" option

New features:

[+] DB: Playlist versioning; playlist can detected changes made by other
users
[+] DB: Scheduler: Overwrite prompt for existing playlists
[*] DB: Scheduler: Improved performance when creating many playlists in a
row
[+] DB: You can have several template assignments (for odd/even calendar
weeks,
    first weekday in month etc.) now. And there is a "Special" assignment
    that can be used e.g. for holidays, and selected in the scheduling
process.
[+] DB: Ability to edit audio files in the Library (using external audio
editor)
[+] Browser: Ability to load/save presets of open browser pages
[+] DHD: New DHD Console window, allowing remote control of your 52/xx
mixer
[+] Sound Processing: Support for Stereo Tool through "generic" DLL
[+] Multi Track Containers
[+] Voice Tracking: Ability to use cartwall during VT; Aircast will create
    Multi Track Container for voice track and all player cart items;
    requires VTCartwall module license
[+] News Containers
[+] Hook Containers have their own playlist item class now; you can add
    or remove songs even after the container has been created
[+] Playlist: New "Hook to cartwall" function copies items as hook to
    the cartwall, for manual hook promo
[+] Playlist: New "auto float" feature will automatically prevent underruns
    and overflow items by letting items float around fixed times
[+] New "Fixed" timing, will prevent items from floating
[+] New "Prevent auto float" option in playlist and template items, can be
used
    to construct limits for auto-float operations
[+] DB: Hour templates: New "auto float after scheduling" option
[+] New "Cartwall Page" playlist item, contains link to *.mcp file, can be
used
    in playlist and DB and dragged into Cartwall to open the page
[+] Built-in R128 loudness scanner
[+] Playlist: New "color ribbon" display option
[+] Cartwall: New "flagged" property of cartwall items, for use in scripts
[+] Aircheck Recorder: New "output folder" and "filename format" settings,

will speed up manual selection of output file; you can also use
       AIRCHECK OPEN without a filename parameter now, and the filename will
       be set automatically.
[+] Aircheck Recorder: New set of actions to be used in action lists
    (open, start/resume, pause, close)
[+] FTDI dongle support: Aircast can now use any FT232R or FT485R based
    FTDI device as a security dongle, instead of software activation
[+] DB Server: Ability to delete audio files remotely
[+] Browser: New option "Use full height"

Other changes:

[*] DB: Updated schema to version 24
[*] DB: Music Templates and Advertising Settings use new file import
settings
    dialog, now the same for all import tasks
[*] Cartwall: New tab design
[*] Mix Editor: Total (effective) playback duration displayed in toolbar
[*] Simplified License Manager
[*] Demo mode: Without any license file, Aircast will now run in "demo
mode"
    with low audio quality and time restriction of some features
[*] Scheduling of regional content is now enabled in all license types;
    playback of regional content must be explicitly enabled in the license
[*] Playlist: Progress bar only shown during on air playback, not PFL
[*] Playlist: Number of prebuffered items can be set in config