



RELEASE NOTES

Platform:	Qsonix
Release Version:	2.6
Release Build:	3.2.357.4
Release Date:	2/15/2010
Products Affected:	Q100, Q110, QJB110, Q105, QJB105

These release notes are provided for informational purposes only and are intended to describe changes, improvements and bug fixes that have been made in the indicated software release published by Qsonix. Where applicable, new features will be described in brief, additional documentation or details may be available on the Qsonix website.

GENERAL / NEW FEATURES

- Introduced Track Composer Feature;
 - a. Composer Data now acquired during CD Rip and Media Import when available from AMG.
 - b. New **Main Menu** "Composer" view that allows viewing media by track composer.
 - c. Addition of **Album Menu** "Track Composers" to show composers on each track.
 - d. Addition of **Edit Album**, "Edit Track Composers" mechanism to edit/add track composers.
 - e. Composer meta-data tags are now written to all files ripped from CD or imported to the system, including .mp3 files created by the iPod and Full Library Compression features.
 - f. Both the IE Web Interface and iPhone remote control interfaces now support the new composer views.
 - g. All search functions on the touchscreen, web and iphone remote interfaces updated to return search results on composer name searches.
- Updated Album Detail button and related views, this button now rotates through the "Tracks", "Details" and "Review" pages with each tap.
- Updated the **Album Menu** to show new views, now including *Show Track Titles*, *Show Track Artists*, *Show Track Composers* and *Show Track Encoding*.
- Added **Track Encoding View** which shows the format, compression method, bit depth and sample frequency of each track, enabling the ability to discern the various formats and media types the system now supports, including the 24bit hires media formats.
- Optimized and corrected several problems in the album edit function, including minor issues relating to the proper saving of edited album information.
- Many overall GUI/Cosmetic enhancements have been made to menus, buttons and text rendering to improve look, feel and touchscreen operation. This includes all new larger transport buttons, a new zone selector system for multi-zone models.
 - New "Rotating" Output/Zone selection control for the Now Playing area.
 - New feature that allows user to customize the size/position of the Now Playing queue by dragging the zone selector area up or down on the screen. This allows user to determine the number of playlists or queued songs that are show on screen.
 - New auto-hiding volume slider control and muting button.

- Larger scroll knobs and buttons
 - Font change to accommodate longer artist, album & track titles.
 - New Main Menu buttons and text rendering for view selection.
 - Added new “Feature Manager” button to Tools/System menu to indicate what features have been activated or purchased on the system.
 - Added new “Message Center” button to Tools/System menu to enable user to view system messages from Qsonix. A new message waiting icon will also display on the toolbar indicating that there are unread messages waiting.
 - Changed the system loading screens and graphics, the system loader now displays cover-art from the users library while the system is starting/loading
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- New “Save Playlist” and “Save Playlist as...” functions in the Now Playing area, enabling users to re-save playlists that were recalled from saved playlists, making it much easier to update a playlist that has been modified in the Now Playing area, or to create an entirely new playlist.
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- **Introduced Performance Audio Pack Paid Upgrade (purchased separately) (includes .WAV rip format, USB DAC and Hires Media Import/Playback support)**
 - **Introduced Hires Media Support;**
 - Import engine handles the following tagged media formats;
 - .mp3 (all bitrates and frequencies up to 48Khz)
 - .wma (all bitrates and frequencies up to 192kHz, including lossless 16bit and 24bit formats.
 - .flac (all formats and frequencies up to 192kHz, including 16bit and 24bit formats.
- *Note: Proper importation requires that imported media have minimum meta-data tags properly populated, including artist name, album name, track# & track title. WAV PCM import is not yet completed due to the challenges associated with no meta-data or file naming standards. (planned for next release)
- Playback engine upgraded to run in full 32bit mode, and optimized for hires media support including 16/24bit upto 192kHz sampling frequency when used with internal outputs. (Hires USB DAC support is limited to DAC manufacturer specifications, typically 24/96kHz)
 - (*Hires playback requires purchase of the optional “Performance Audio Pack”)
 - Playback engine and audio output stage will now automatically track/upsample to the highest frequency that the system has played, maintaining crossfade capabilities and transparent transport functions across multiple media formats, bitrates and sample frequencies. (up to 192kHz). Use the “Reset to 44.1kHz” button in the Now Playing menu to return to native 44.1 playback mode.
 - A new “Reset Audio to 44.1kHz” button has been added to force the playback system to native 16bit/44.1kHz mode.

- **Introduced USB DAC (Digital to Analog Converter) support;**
The system will now detect a **single** connected USB Audio Device (DAC) and allow it to be added as a new system output or zone in addition to any available internal outputs and is treated just like an internal output/zone, support all features, including hires media playback. Key items relating to USB DAC support include;
 - a. System will automatically detect connected USB Devices during system startup.
 - b. If USB DAC is connected after system is started, user will be prompted to reset the system for proper device initialization during startup.
 - c. The system settings/Output menu will now show a connected USB DAC and allow custom naming and zone color preferences to be set for this device.
 - d. The new zone/output selection control allows the user to quickly rotate through all available outputs, including the USB output and is treated just like all other internal outputs/zones.
 - e. The remote IE Web and iPhone interfaces have been updated to allow the control of a USB connected zone.
 - f. The system will automatically handle the removal of the connected USB DAC by removing the zone if it is disconnected and remember all settings, preferences and associated playlists upon reconnection of the same device at a later time.

- **.WAV Ripping format (now part of optional performance audio pack)**
- The .wav PCM uncompressed ripping format has now been merged into the performance audio package, and still offers users the ability to rip CD's to uncompressed PCM .wav format.

Miscellaneous changes:

- Fixed issues relating to Edit Album/Edit Track Artists where track title and track artists information was not always saved properly after an Edit Album operation.
- Updated/Fixed pages titles in both IE and iPhone web interfaces.
- Fixed sorting order of the "Imported" view
- Numerous adjustments, improvements to the CD recognition and meta-data logic to address certain rare CD types and cases.
- Updated startup screens and loader application featuring album art.
- Fixed issues relating to the maintenance cycle repeating on certain tasks.
- Improved Edit Cover Art network place selection, authentication and functionality.
- Improvements to Screensaver logic and exiting behavior.
- Improved System Settings/Output tab labeling, behavior and support for USB devices.
- Improvements to better handle AMG meta-data communications and timeouts.
- Upgraded meta-data writing of files stored on Qsonix system to include composer data.
- Improved logic to handle re-initialization of Tapestry data gathering if Tapestry database becomes corrupt or out of date.