

General Stability Improvements

- Resolves crashing during app startup, particularly on iOS 8
- Critical crash fixed when opening/closing score containing a percussion staff (i.e. drum kit), or when reopening app from background while a percussion staff was previously loaded

Playback / Record

- Bounce to AAC/m4a: fixed recent issue where extra silence was often present at beginning of exported track
- Improved playback of sforzando-like dynamic indications (e.g. sfp,sfz)
- Improved playback of dynamic indications (e.g. mp,mf)
- Reduced latency of metronome click during recording
- Fixes occasional crash involving playback with invalid MIDI out configuration
- Addresses various other crashes during playback introduced in previous build

Editing

- Note entry: fix issue where grace note property was sometimes incorrectly specified for a new note
- Multiple dynamic indications are attachable to an existing note/chord
- Menu items above a score symbol, including text boxes, sometimes failed to respond to tap gestures
- Improved text-box interaction and selection behavior
- Improved transposition behavior when dragging notes in a percussion staff
- Crash fixes when working with selected score symbols/expressions
- Improved automatic placement of dynamic indications
- Improvements to Input Cursor interaction when attempting to bring up the Select Notes or Copy/Paste menu items
- Fixes rare crash when rendering ties in the previous version

UI

- Addressed unnecessary dialog messages in previous version if there was lack of Internet connection when iCloud sync was being automatically performed
- Addressed regression where Measure Navigation Ruler Play Head often failed to update during playback

- QWERTY keyboard: Addresses potential instances where key command input often became unresponsive unexpectedly
- Help Manual: faster loading, ongoing updates to documentation
- The MIDI Connections menu (available under Playback Options > MIDI/Recording Options) updates list of available inputs and outputs properly

Import / Export

- 'Send To' Option for AAC export prevents lock screen after audio bounce completion since it would cause Send To popup to disappear
- Fixes crash when importing certain MusicXML files due to an instrument import error in previous version
- Fixes rare crash when attempting to import an unsupported file type

Accessibility

- Fixed crash when VO feedback for a Staff Side Panel part was attempted to be generated when one or more parts was hidden
- Clef information now read back correctly within the Staff Side Panel
- Fixed a crash when using increment/decrement gesture to scroll to a new measure with the Navigation Ruler
- Improvements to chord symbol selection behavior
- QWERTY input: if no VO message is otherwise generated after executing a key command, VO feedback will simply speak the name of the command for better transparency (whether or not the command succeeded or failed isn't yet indicated)

Other

- The 'Reset Cache' option under Home Screen > Settings > Symphony Pro now resets the application settings as well as the cache, and has been renamed accordingly. Turn on the switch labeled 'Reset Cache and Application Settings Data' in order to troubleshoot frequent crashes, especially during app startup

New in the Previous 4.2 Update

Important V4 Stability Issues Addressed in this Update

- Resolves memory leaks when a large numbers of projects were previously opened
- Resolves memory leaks when a large numbers of projects were currently saved
- Fixes various crashes during playback due to internal consistency errors

Playback / Audio

- **Correct tuning and EQ improvements for following instruments:**
 - Oboe
 - Viola
 - Clarinet
 - Bassoon
 - English Horn
 - Piccolo
 - Steel Guitar
 - Saxophone family
 - Timpani
- **Remastered Grand Piano sounds for noise reduction and EQ balance**
- **New instrument libraries for violin & cello. Libraries are generously made available under public domain by the Philharmonia Orchestra (http://www.philharmonia.co.uk/explore/make_music)**
- **Two new & improved libraries for String Ensemble**
- **Other new instruments in the collection include an alternate grand piano, a rock organ, banjo, kalimba, koto, shenai, and bagpipe**
- **Renovated percussion samples for stereo image and bass drum compression issues**

- **Updated audio engine; resolves issue where playback became muted in most cases**
 - **Jumping to new bar w/Navigation Ruler during playback works properly**
 - **With Cut-time score, playback head stays synchronized with tempo; after stopping playback, master tempo no longer becomes modified**
 - **Prevent stuck notes during fermata playback, particularly for instruments with sustaining character (e.g. violin, trumpet)**
 - **Improved staccato playback so that pitch can still be heard for very short notes**
 - **Volume levels of several winds and brass instruments have been normalized and rebalanced**
 - **Ranged symbols, including crescendi and octave signs, are accounted for properly during playback of multi-part scores**
 - **Better playback performance on iPad 2/3/Mini**
 - **Improved autoscroll behavior in Horizontal Scroll mode during playback, for better readability of notes**
 - **Dynamic symbols are now reflected in playback for notes that are already held; this includes dynamic indications (mp,mf,ff) and ranged symbols (cresc./decresc)**
 - **Fixed muted percussion sound issues & crashing when percussion staff was present in a newly opened score**
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Import / Export

- **Email export menu: fix occasional crashing when attempting to bring up window**
- **Export to PDF/AirPrint:**
 - AirPrint menu updated for iOS 9 compatibility; addresses occasional freezing
 - When Page Sizes are customized, exported pages no longer have line/border artifacts; better-quality renders in general

- Fixed earlier v4 issue where PDF quality fluctuated between exported pages
 - **Export to AAC:**
 - Fixes crashing when the automatic WAV -> m4a conversion process completed
 - AAC export able to include the metronome click track if volume setting greater than 0
 - **MusicXML Import Updates for Latest XML Specifications and the Latest Applications**
 - Improved support for part-wise clefs
 - Support for key signature changes & transposing staves
 - Percussion clefs now recognized
 - Addresses issue where extra rests appeared on multi-voice staves in rare cases
 - On import failure due to formatting issue with XML file, previously loaded score is no longer re-opened
 - Recognition of pickup measures
 - Support for part names, grand staff, custom beam groups, and multi-stave parts
 - **MusicXML Export Updates**
 - Export of part group information and instrument names
 - Addressed a rare crash when opening exported files in Finale due to special characters in title
 - Support for octave clefs
 - **MIDI Import & Export**
 - MIDI instruments (program changes) conform fully to General MIDI Standard
 - Dozens of improvements for notational conversion issues, such as missing notes and incorrect note values
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User Interface

- **Optimized layout for iPad Pro, including toolbars & navigation icons**
- **Export (Share) menu is now available from Score Editing Window > Navigation Menu**
- **Help / Manual:**
 - Help Menu icon moved from Navigation Menu to Navigation Bar for easier access

- Use the Contextual Help Overlay for a visual overview of currently available command / editing icons, which are all labeled. Available under Help Icon > Quick Help
- **Faster loading & saving of both local and iCloud documents**
- **Playback-Related:**
 - Use the Left/Right Arrows to move the Play Head in real time
 - Reassign Percussion Menu has new option to play the selected drum sample
- **'View Full Score' option (available from the Score menu)**
 - Now resizes score to match screen dimensions completely
 - On-screen instrument icon from Notes Toolbar no longer unresponsive after applying this command
- **Measure Dialog:**
 - Menu glitches fixed when switching submenus
 - Reliable editing when using the Copy/Paste menu to bring up this popup
- **Score Menu: fixed issue where new key signature wasn't always reflected in corresponding label**
- **Inconsistent double-tap to zoom behavior if instrument/input cursor was active**
- **Improvements to Staff Side Panel layout (visible only in Continuous Scroll mode)**
- **Improved layout of Score Symbols Toolbar across all categories; includes better ordering of icons and organization of expandable buttons**
- **Projects Window:**
 - Faster loading & saving
 - Project rename: Addressed v4.1 issue where overwrite confirmation popup specified previous filename instead of the new one, causing immense confusion
 - (Beta feature) You can now import a directory of SYM projects from Import File Menu. This will auto-create a folder that's available from the View Folder menu
 - When importing SYM document via iOS 'Open In' option, copied project is now placed in currently opened folder
 - With with no folder chosen for viewing, only uncategorized projects are now shown (previously, all projects were shown)
 - New sort option to place iCloud documents at the very top of the documents grid view. Available by tapping the ellipsis (...) icon and turning on 'Sort iCloud Documents' first

- **QWERTY Shortcut List Menu (Available from Score menu, requires external accessory):**
 - Key commands are now categorized into sections for better readability. (To toggle the menu, press Option+k by default)
 - You can now save customized shortcuts as a preset file and export them via an email window:
 - To create/export a preset, find new option available under Score Menu > QWERTY Keyboard > "Presets.."
 - To import a preset, open it as an email attachment on your iPad, then tap the preset file attachment to open with SP. You can then apply the preset under Score Menu > QWERTY Keyboard > "Presets.." > Available Presets.
 - **On-Screen piano key size saved between launches of the app**
 - **Fixed stability issues when closing app to Home Screen with a menu popup open, causing crash and subsequent reload of existing project while reopening app**
 - **Addresses layout issues for Reassign Drum Kit menu**
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Editing Features

- **Document Layout**
 - New option under Score > Display Settings > Page Sizes allows for score aspect ratio to fit the screen in both landscape and portrait viewing (Default)
 - Separate options to lock score aspect ratio to either device portrait or landscape (Available as custom settings)
 - Fix score symbol incorrect vertical alignment when composer labels or section/rehearsal marks have been repositioned
- **Note Entry**
 - Critical bugfix: When entering notes with Piano or MIDI, enharmonic spellings no longer locked to a specific value
 - Ghost/bracketed note support, available from the Noteheads expandable button
 - Dotted note icon deselects automatically after entering a note. This behavior can be overridden by turning off a new option under app preferences. See [web manual section](#) for details on how to find these options.
 - Accidental sign automatically turns off from Notes Toolbar after entering note. Option to disable this behavior is available under Home Screen > Settings > Symphony Pro
 - When performing a note input with crosshairs, accidentals are auto-inferred if any new note is tied across bar-line

- When undoing or deleting the entry of a note/chord: the original dot, tie, and accidental properties are now restored in Notes Toolbar (applies to single previous edit only)
- Layers/Voices: Added ability to toggle through fewer than 4 layers using a new option under the Voices Menu (touch+hold the V1 icon); then look under "Voice/Layer Toggle Options"
- Improved Percussion Staff note input using the On-Screen Piano/MIDI Keyboard
- When entering notes with On-Screen Piano / MIDI, the note input operation only occurs after lifting all keys, providing a convenient way to choose the desired notes before editing the score
- **Refinements to note selection interaction behavior:**
 - Tap once on a newly added note to bring up the transpose/edit/delete menu
 - Tap a second time to show the Note Properties Palette, the Custom Tuplet feature, or other Note Adjust Menu options
- **Fixes to note selection behavior:**
 - When editing a chord in Select mode, the tie property wasn't being highlighted properly in the Notes Toolbar
 - When a selected note was being dragged to transpose, the displayed note name was incorrect
- **Input cursor (Note Entry/Editing)**
 - Play back a selected note or chord by tapping once on the cursor in Select mode
 - Positioning of cursor works reliably for entering notes and score symbols
 - Cursor positioning now stable (i.e. no longer moves to a different bar) while opening / closing an on-screen instrument or the Score Symbols Toolbar
 - Cursor behavior reliable & consistent when using the QWERTY keyboard commands, Navigation Toolbar arrows, or delete key
 - Easier to select score symbol if in close proximity to Input Cursor
- **Chord Symbols**
 - Fixed chord symbol font size regression when opening new project
 - Reduced flickering during scrolling when many symbols were displayed
 - When performing a key signature change, symbols beyond current page are transposed
- **Measure Dialog Expandable Button:**
 - Corresponding icon now deselected automatically upon tapping a measure to edit
 - Consistent menu always shown when applying a clef change
- **Multi-Bar / Multi-Measure Rests**
 - You are now able to specify the duration of multi-bar rests. See the updated manual page under Help Menu > Measures > Multi-Measure Rests for more

- **QWERTY key commands (requires external accessory):**
 - For customized shortcuts: newly available commands now added to Shortcut List automatically
 - Reliability improvements to virtually all existing editing commands
 - Save or rename your score using Command+S or Command+Shift+S, respectively
 - **Score Zooming**
 - Pinch-to-zoom gesture within the Score window now functions reliably
 - Highlighted/selected score symbols are rendered correctly during & after zooming
 - **Other**
 - Adding textboxes to empty bars works as expected
 - Improvements to editing & repositioning of text boxes
 - Measure/bar numbers show correctly from Navigation Toolbar & Measure Navigation Ruler when a pickup bar is present
 - Fixes crashing when attempting to modify score layout options from Score Menu > Display Settings
 - Vertical staff repositioning in Continuous Scroll view mode displays properly for a multi-voice score
 - Score resolution no longer reduced after app reopens from background
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Notational/Score Rendering Improvements

- **Fixed note alignment issues for multi-voice staff**
 - **Half-rests drawn correctly when outside vertical bounds of measure**
 - **Ties are drawn better for overlapping notes**
 - **Score no longer blurry after app reopens from background**
 - **Highlighted/selected score symbols rendered correctly during & after zooming**
 - **Forward ties at the beginning of new pages are now displayed**
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Accessibility-Specific Features & Improvements

- **Use the Magic Tap gesture (two-finger double tap) to toggle playback**
- **Enter or edit chord symbols & lyrics in Select mode with Input Cursor. To access either tool, activate the Text Symbols icon from the Dynamic Symbols Expandable Button.**
- **“Edit Bar Properties”, “Edit Clef”, and “Edit Time Signature” commands are now VoiceOver compatible**
- **New VO-specific QWERTY Commands (Requires External Accessory)**
 - Better hints to navigate the QWERTY Shortcut List (To show/hide this menu, press Option+K)
 - Press Option+Command+P to read back score symbols attached to a given note. This includes dynamics, articulations, chord symbols, and lyrics
 - Press Command+Shift+P to read back note name, note value, and other note properties for a cursor selection
 - Fixed issue where key combinations containing special characters weren't read back properly with certain VO settings
 - You can now tap to set tempo by pressing Shift+T; a metronome click will play on each registered tap
- **Measure/Bar numbers are read back correctly for scores containing pickup measures**
- **Staff Side Panel (at left of screen) now contains time and key signature information for VoiceOver**
- **Chord symbols & lyrics are now activated properly without preventing other accessibility elements from being interactable**