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# How to Use NotateMe


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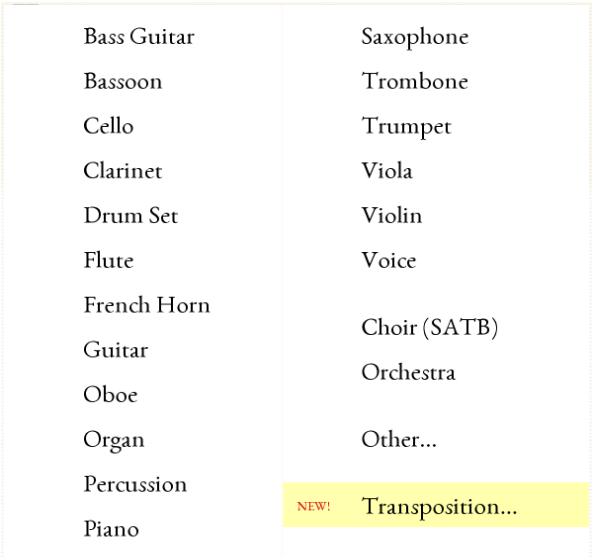
## Getting Started

**The first time you run NotateMe**, a new score opens automatically with the **Add Instrument Menu** displayed:

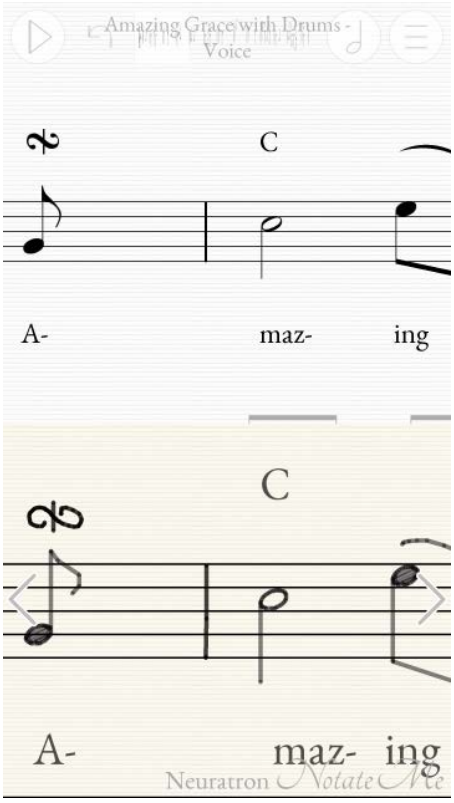


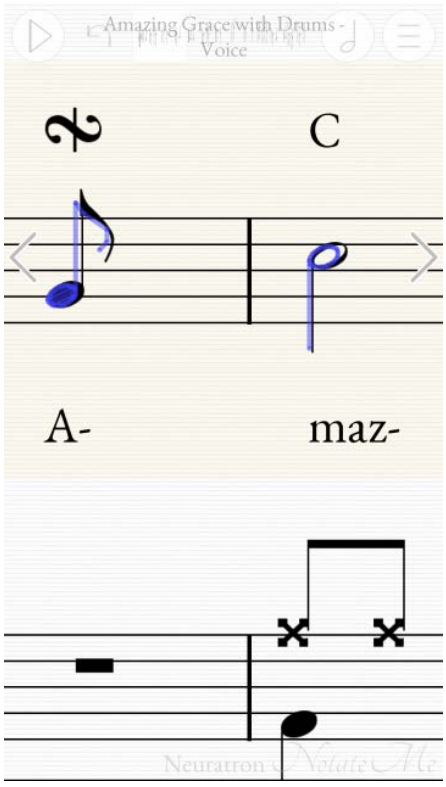

- Tap an instrument name to add it and display the **Edit Score Screen** (see below).

- Tap **Choir (SATB)** and **Orchestra** to add all voices/instruments commonly found in a SATB choir and large orchestra accordingly. Tap **Other...** to add an instrument that's not listed (a full list of instrument names can be found in **Instruments & Transpositions**).

- To add more instruments later, tap the ⊕ button to show the **Add Instrument Menu** once again. This button will be positioned just below the instrument name at the far left of the staff.

The **Edit Score Screen** is shown below:




- You write music using your stylus or finger over the beige area.

- Tap a different staff in the white area to write on it (see **Navigation & Editing**).

- Your transcribed handwriting appears as printed music in the white area.

- Tap and drag over a white area to navigate around your score.

- Pinch-to-zoom to zoom in or out of the score. You will find it easier to write music when zoomed in so that staves are large, particularly if using a finger.

The score is written continuously from left to right (not grouped into pages):

- Whilst writing music, tap the <> nudge arrows to move through the score.

- Quickly move through the score by tapping & dragging the white region of the **Navigator** at the top of the screen.

- The screen automatically scrolls horizontally as you write near its edge.

NotateMe offers a number of ways to enter handwriting. We recommend you take a little time seeing which you feel most comfortable with out of the various **Handwriting Area...** options in the Main Menu:

- **Top**: The handwriting (beige) region is fixed to the top of the screen. If you are not using an active stylus (such as the Samsung S-Pen), you should find you can rest a

small part of your palm on the white background below whilst you are writing, without it interfering.

- **Bottom**: The handwriting region is fixed to the bottom of the screen (see left **Edit Score Screen** image above). This allows better visibility of the notes NotateMe has recognized, as your hand is not in the way.

- **Overlaid**: The handwriting region is over the selected staff in the score (see bottom **Edit Score Screen** image above). This allows more room to enter music on small screens, and better navigation around orchestral scores on larger screens.

- **Bar by Bar**: Similar to **Overlaid**, except handwriting is automatically converted to printed notation as you move from bar to bar. You may edit the printed notation by drawing on it (for example adding in a flag to shorten a note).

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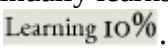
## Writing Music

**Important**: Everyone writes in a slightly different style and this is no different when it comes to music notation. As you write, NotateMe continually learns and adapts to you. Its initial progress is indicated by a **Learning** percentage 

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**Before embarking on a large score**, experiment with entering music until **Learning** has reached 100%, at which point the **Learning** percentage will no longer be displayed. Note:

- You may find you naturally write some types of symbol less often than others. NotateMe needs to learn how you write these too, therefore try to write a good range of symbols during this initial learning period.

- After this initial learning period, **NotateMe will continue to learn and adapt to your style**, particularly if you begin to write symbols you had not previously entered. If you lend your device to another person it will gradually adapt to their style, so you may need to wait a little while for NotateMe to adjust back to your own style once it has been returned.

- Should you wish to reset NotateMe's knowledge of a handwriting style (for example if the device is used by many different users in a class), this can be done by tapping and holding down on the **Eraser Pen Button**  which can be accessed by tapping the **Pen Button** located at the top-right of the screen (see **Pen Tools**). If you are using NotateMe with **Dropbox** (see **Managing Your Scores**) you should also delete the files called 'MainProfile.hnpi' and 'MainProfile.hnpi.extra' within 'Dropbox/Apps/NotateMe' before doing this.

NotateMe transcribes your handwriting each time you lift your finger/stylus. You can continue to write whilst it is working.

**Clefs and time signatures** are pre-written:

- You can change one of them by tapping it once (to select it) and then either tapping or tapping & dragging it to move through the available options.

- If you cannot see the time signature you need, instead double-tap the time signature and enter it into the dialog box that appears. The top number of the time signature should be written first, followed by a space and then the bottom number. Alternatively, enter 'c' or 'ct' for common or cut-common time, respectively.

- **Important:** You cannot add time signatures or clefs by drawing them on a staff.

**Key signatures** do not need to be written and can be added to all staves in the score by tapping the natural sign at the start of any staff (to select it) and then either tapping or tapping & dragging it to move through the available options:

- The natural sign is used to signify a key of C major or A minor (or that there is no key).

- The key signature can be changed or removed in the same way as it is added. If there isn't enough space for the key signature, the time signature can be tapped (to select it) then tapped and dragged to the right to move it aside.

**Changes in clef, time signature and key signature** can also be added by copying and pasting the pre-written ones (see **Navigation & Editing**).

**Barlines** are automatically added as you write:

- **Important:** You cannot add a barline by drawing it on a staff.

- If you wish **to insert a bar**, double-tap the left half of a bar to insert a new bar before it, or the right half to insert a bar after it.

**If you make a mistake:**

- If whilst drawing and your finger/stylus is still down, end the drawing above the smooth selected bar region and it will be cancelled.

- If you realise you've made a mistake after lifting your finger/stylus, tap the undo  button. Tap the redo  button to reverse an undo. Also see **Navigation & Editing**.

**Red printed notes/rests** indicate that the bar is too long for the time signature.

NotateMe plays back individual notes as you enter them *(requires minimum iPhone 5, iPad 2)*. To mute/lower the volume, use the volume controls on your device.

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## Writing with a Finger

If using a finger to write, you may initially find it difficult to align symbols accurately:

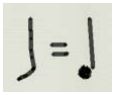
- Be patient - you should find you acclimatise fairly quickly.

- Remember that symbols and parts of symbols can be selected and moved until the printed recognized notation is shown to be in the correct position.

If writing on a small screen and you find it difficult to enter small symbols (such as accidentals), accurate pitch or small enough noteheads, use your device in a portrait orientation and pinch-to-zoom to increase the size of staves.

- The **Symbol & Notation Pen** can also be used to drag and drop some symbols such as accidentals and articulation if you are having particular difficulty (see **Pen Tools**).

- If you still have difficulty entering notes, NotateMe also recognises the slanted style of notehead which is easier (and usually faster) to draw. Here are two quarter notes (crotchets), the one on the left has a slanted notehead, and the one on the right a bulb notehead.



**Note:** For the best results, it is important you stick to a single style.

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## Writing with a Stylus

Using a stylus (like a pen but with no ink) to enter notes can be easier than using a finger, since you can see more accurately where you are writing:

- **Capacitive styluses** are relatively inexpensive and feature fairly wide rubber or plastic tips. A good example is the ***Adonit Jot*** which features a transparent tip allowing you to see more of the screen. Note that using a screen protector on your device can affect the performance of these styluses.

- *Samsung Galaxy Note* devices come with an **S-Pen stylus**, which conveniently slides into a compartment in the device (so you do not need to worry about taking one about with you in your pocket). It is highly accurate and tapers to a pen-sized tip, which means it feels like using an ordinary pen.

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## Handwriting Tips

- **Allow reasonable horizontal space between notes/rests**, say half the height of a staff.

- Try not to overlap symbols as this will make it more difficult for NotateMe to recognize them separately.

- If something isn't recognized the first time, try adding extra strokes to make the symbol clearer. If this fails, use the **Eraser Pen** (see below) or select (tap or lasso) and flick up/down part or all of a symbol to delete it and then rewrite it.

- If the pitch of a recognized note is slightly out, the position of the notehead may be ambiguous (e.g. on a space but also overlapping a staveline). Try moving the notehead up/down to make it clearer. Alternatively, the notehead may be too big and should be replaced by a smaller one.

- Ensure that the noteheads of half (minim) and whole (semibreve) notes are reasonably closed.

- If something was particularly complicated or fiddly to write (particularly with a finger) and needs to be written again, you can save time and effort by copying and pasting it (see **Navigation & Editing**). **Note:** Pasted notes remain selected so they can be transposed up or down in pitch.

- If certain types of notation are not being recognised at all, check that the instrument supports that type of notation. NotateMe restricts the types of notation it recognises according to an instrument's capabilities. For example, bow markings will not be recognised on the staff of a Flute. **Note:** Renaming the instrument will not affect these restrictions, so a new staff will need to be created for an instrument with different capabilities.

- If you continue to have difficulty writing certain symbols (or wish to enter symbols that are not recognised by NotateMe, such as cross noteheads or ornaments), the **Symbol & Notation Pen** provides a range of symbols that can be added without having to write them by hand (see **Pen Tools** below).

- If you find that NotateMe consistently fails to recognize your handwriting well even once Learning has reached 100% (or if you experience poor recognition with PhotoScore), tap **Export** and then **Help Improve NotateMe** from the **Main Menu**. You will then be able to send an email together with your current score and NotateMe learning profile (or most recent photo if using PhotoScore) to Neuratron for analysis and assistance.

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## Pen Tools

At the top-right of the **Edit Score Screen** is the **Pen Button** (by default it looks like this ). Selecting a different pen changes what happens when you write or tap over a selected staff. The options are:

**Notation Pen** :

- The default which allows you to write handwritten music that will be transcribed and displayed behind.

- Tapping and holding over this will toggle between always showing all Pen Buttons on screen, or only the currently selected one.

**Symbol & Notation Pen** :

- Similar to the **Notation Pen**. However, additionally, two light bands containing symbols are displayed at the top and bottom of the selected staff.

- On smaller screens, more symbols can be displayed by tapping and dragging each band to the left/right or by tapping the nudge arrows at the ends of each band.

- Symbols can be added to the score by tapping and dragging them into the selected staff.

- Alternatively, select markings in the selected staff and then tap on one of the symbols to tell NotateMe to treat the selected markings as that symbol. This is particularly helpful if you find NotateMe is having difficulty recognising something you have written, or if you wish to write cross noteheads as standard noteheads and then set them to cross noteheads in one go.

**Text & Notation Pen** :

- Similar to the **Notation Pen** but, additionally, two darkened bands are displayed at the top and bottom of the selected staff.

- Tapping the top band adds a chord symbol, using up to four menus to build up the symbol. After selecting from the first menu, you can tap the first item on any of the remaining menus to complete the symbol early.

- Tapping the bottom band brings up a text dialog allowing you to enter lyrics, a dynamic, a tempo marking, technique text (such as *swing*) or a tuplet number.

- Several lyrics may be entered at once and will be separated into independently editable objects at spaces and hyphens.

- In order for NotateMe to recognise text as a tempo marking or as technique text, it must either be preceded by an = sign or a dot, respectively, or be tapped and dragged

above the staff. (For example, enter '.swing' to add swing to the rhythmic feel during playback.)

- Double-tap any existing text to edit it.

**Red Pen** :

- Provides the ability to jot down comments and ideas in a red pen.

- **Important: These are not transcribed** and displayed as printed notation.

- If you cannot see the **Red Pen**, switch to it by tapping and holding on the **Gray Pen Button** (see below).

**Gray Pen**  :

- Use this pen to create scores for your students that they can trace over with the **Notation Pen**. They can then learn about music notation by hearing and seeing it as it appears on the staff.

- Music written with the **Gray Pen** is not transcribed and displayed as printed notation.

- If you cannot see the **Gray Pen**, switch to it by tapping and holding on the **Red Pen** button (see above).

**Eraser Pen** :

- Use this to erase notation, for example if you need to delete a note, or correct a mistake.

- A quick alternative to selecting symbols and flicking them vertically to delete them.

- Holding down over this button brings up the option to reset NotateMe's learning of your handwriting style, which may be useful if your device is used by lots of different people.

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## Recognized Symbols

**Important:** Symbols below printed in ***italic*** with an asterisk ***** next to them will not be recognized if *written* on a staff. Some require the **Text & Notation Pen**  or **Symbol & Notation Pen**  to be selected (see **Pen Tools** above). Others are automatically added by NotateMe as handwritten or printed notation. Some can be edited and copied/pasted in a staff. Read their descriptions below for more details.

**Accidentals** (natural, sharp, double sharp, flat, double flat)

- All except double flats are recognised when handwritten. However, all can be added with the **Symbol & Notation Pen**  by tapping & dragging them from the light band at the top of the staff.

**Anacrusis/Pick-up bars**

- Created automatically when you enter fewer notes in the first bar.

**Articulation marks** (accent, marcato, staccato, staccatissimo, tenuto & upbow/downbow for stringed instruments).

- These can also be added with the **Symbol & Notation Pen**  by tapping & dragging them from the light band at the top of the staff.

***Barlines**** (single, double & repeat start/end/both, repeat endings)

- Single barlines are added automatically by NotateMe.

- They will not be recognized if handwritten on a staff.

- Choose a different barline type by selecting one on a staff and then dragging it up/down. Final barlines are automatically added to the score.

- See ***Repeat Endings*** below for more information on how to add them.

**Beams**

- Up to 4 per stem (including cross-staff beams if your device's screen height is greater than 3.8 inches).

**Chords**

***Chord Symbols****

- Can be added using the **Text & Notation Pen**  and tapping in the darkened band at the top of the selected staff.

**Clefs**

- Initial clefs are added automatically for the given instrument.

- Choose a different initial clef by selecting one on a staff and then dragging it up/down.

- Clef changes can be added with the **Symbol & Notation Pen**  by tapping & dragging the treble-clef symbol from the light band at the bottom of the selected staff.

- Alternatively, the initial clefs can be copied and pasted to a later position in the score.

**Dots** (augmentation dots)

- Up to three can be written to the right of a notehead or rest..

**Dynamics**

- **C**rescendo & diminuendo hairpins can be drawn but can also be added with the **Symbol & Notation Pen**  by tapping & dragging from the light band at the bottom of the selected staff.

- Dynamics such as ***fff*** and ***pp*** can be added with the **Text & Notation Pen**  by tapping in the dark band at the bottom of the selected staff.

**Flags**

- Up to 4 per stem.

***Key signatures**** (1 to 7 flats/sharps)

- Can be added to all staves by selecting the gray natural sign (signifying no key or a key of C major / A minor) at the start of any staff and then dragging it up/down.

- They can also be changed or removed by selecting and dragging up/down.

- A key signature can be copied and pasted to create a key change. The natural sign at the start of a staff can also be copied and pasted to create a key change to C major / A minor.

- Alternatively, key changes can be added with the **Symbol & Notation Pen**  by tapping & dragging the flat symbol from the light band at the bottom of the selected staff.

**Leger lines**

***Lyrics****

- Can be added with the **Text & Notation Pen**  by tapping in the dark band at the bottom of the selected staff.

- Several lyrics may be entered at once and will be separated into independently editable objects at spaces and hyphens.

**Multiple voices per staff**

- Up to 4 voices per staff.

**Notes** (whole/semibreve, half/minim, quarter/crotchet, eighth/quaver, 1/16th/semiquaver, 1/32nd/demisemiquaver, 1/64th/hemidemisemiquaver)

**Noteheads** (open ***'o'***, solid & slanted , cross, small)

- Slanted noteheads are musically the same as solid noteheads, but are often used in handwritten music as they are quick to write. **For the best results, keep to one style and use either slanted or bulb noteheads but not both.**

- Only open and solid/slanted noteheads can be written in the selected staff, with the exception of cross-noteheads which can be written on a percussion staff.

- All noteheads can be added with the **Symbol & Notation Pen**  by tapping & dragging them from the light band at the top of the selected staff**:**

  - To create an appoggiatura grace note, once a small notehead has been added, attach a stem (by writing it). Alternatively draw a solid notehead with a stem, select it, then tap the small notehead in the top light band.

  - To create a percussion cross note, once a cross notehead has been added, attach a stem (by writing it). Alternatively draw a solid notehead with a stem, select it, then tap the cross notehead in the top light band.

***Ornaments**** (trills, mordents, inverted mordents, turns, inverted turns, appoggiatura grace notes)

- Can be added with the **Symbol & Notation Pen**  by tapping & dragging them from the light band at the bottom of the selected staff.

- For information on how to add appoggiatura grace notes, see **Noteheads** above.

***Pedal Markings****

- can be added using the **Symbol & Notation Pen**  by tapping & dragging them from the light band at the bottom of the selected staff.

***Repeat endings**** (1st, 2nd, 3rd, ...)

- Add by tapping barlines in the selected staff then tapping and dragging them up/down.

- Choose the barline with  above it to mark where the first ending begins.

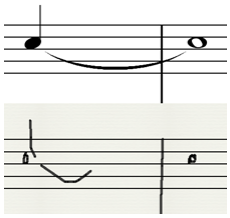
- Then, at subsequent barlines, choose the barline with  above it to mark where each ending should finish.

- **Note:** Only the start of the first ending needs to be specified and that repeat barlines are added automatically as printed notation.

**Rests** (whole/semibreve, half/minim, quarter/crotchet, eighth/quaver, 1/16th/semiquaver, 1/32nd/demisemiquaver, 1/64th/hemidemisemiquaver)

**Slurs & Ties**

- To add a tie overlapping a barline, leave it hanging as shown below.
**Important:** NotateMe will not allow you to draw it overlapping the barline in the selected staff.



- These can also be added with the **Symbol & Notation Pen**  by tapping & dragging from the light band at the bottom of the selected staff.

***Time signatures****

- Added automatically at the start of a score.

- They will not be recognized if written in the selected staff.

- Choose a different time signature by selecting one in the selected staff and then dragging it up/down.

- If the one you need is not shown, instead double-tap the time signature to enter a different one.

- Time signatures can be copied and pasted if a time signature change is required later in the score.

- Alternatively, they can be added with the **Symbol & Notation Pen**  by tapping & dragging the 'C' symbol from the light band at the bottom of the selected staff.

***Tuplets**** (duplets, triplets, up to dectuplets, depending on time signature)

- Automatically detected and added printed notation.

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- **Important: The bar needs to be complete in order for NotateMe to detect tuplets.**

- Where there are multiple possible interpretations of the rhythm, add the tuplet number (no bracket or colon) using the **Text & Notation Pen**  and tapping in the darkened area at the bottom of the selected staff.

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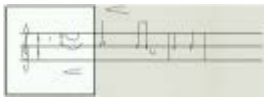
## Navigation & Editing

Whilst writing music in the selected staff, tap the <> nudge arrows to move through the score.

- NotateMe will scroll to the previous/next entered music when the visible part of the staff is nearly empty.

- Quickly move through your score by tapping & dragging the white region of the **Navigator** (see picture below). Move more precisely by tapping and dragging the screen with 2 fingers, or one finger if not over the selected staff.



- NotateMe will automatically scroll left/right to make more space when you finish writing a symbol near the righthand edge of the screen.

Switch between different instruments/staves by tapping over a staff.

Select symbols by tapping them or drawing a lasso around them so they become highlighted in blue:

- Drag selected symbols to move them up/down or left/right.

- To delete selections, flick them up/down.

- Tap and drag selected symbols to copy and paste them.

- To copy a selection to the clipboard (for pasting in a different instrument/staff/bar), hold down over it to bring up the copy button. To paste, tap and hold over an empty region in the staff to bring up the paste button.

- When you copy symbols, you may notice the original and copied symbols will become bold in appearance (like symbols dragged from the **Symbol & Notation Pen** bars). This means that NotateMe will not change its interpretation of them. However, you can still, for example, change the pitch of noteheads, or move accidentals to different notes.

- Make small corrections to symbols by selecting, moving and deleting parts of them (such as noteheads, leger lines, tails and beams).

Switch between different types of barline (including repeat symbols) by selecting one in the selected staff and then dragging it up/down.

- Select and drag barlines left/right to reposition them.

To delete an empty bar, flick up/down from the bar in the selected staff.

**Note:** As a safety measure, the bar must not contain markings made with any pen.

Select one or more bars to copy or delete them:

- To select one bar, tap and drag horizontally above or below that bar, starting from just before it and ending just after it.

- To select multiple bars, do the same but begin from the start of the first bar and finish at the end of the last bar.

- Provided you are not using the **Eraser Pen** (see Pen Tools), a copy button appears on the right-hand side of the selected staff.

  - Tap this button to copy the selection to the clipboard.

  - Then, to paste the copied bars, tap and hold over an empty region in the selected staff to bring up the paste button.

  - When pasting into a bar that contains music, the copied bars will be inserted after that bar.

  - Otherwise they will replace any empty bars they are pasted onto.

- If you are using the **Eraser Pen**, a button appears instead of the copy button.

  - Tap this button to delete the selected bars.

Rename a staff by tapping its instrument name in the **Printed Area** (either to the left of the staff or next to the score name at the top).

Tap and hold an **instrument/staff** in the **Printed Area** to **delete it or change its position** in the score:

- Tap the and buttons to move the instrument up/down.

- Tap the button to delete the instrument (this can be undone by tapping if you delete one by accident).

- Tap the instrument/staff in the **Printed Area** to remove these buttons and continue editing as normal.

Tap the score name at the top to rename it.

When the height of the screen (depending on its orientation) is above 3.8 inches, newly added piano staves are displayed together in the selected staff. This allows cross staff beams to be entered by writing them as you would on paper.

**Play back the score** by tapping the play button. Tap it again to stop playback.

- A blue play back cursor is displayed showing the current notes being played.

- To play back the score from any position, tap the score at the desired position (to place the playback cursor), before tapping the play button.

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## Extracting Parts & Transposing

**To extract parts** for different instruments, follow these steps:

- Create copies of your score for different instruments in **My Scores...** from the Main Menu. Rename each to, for example, *MyScore_Piano, MyScore_Violin, MyScore_Viola* and so on.

- Open each score and for each instrument that does not belong to that score, tap the  button to the left of the staff and then the  button (which appears at the right of the screen) to delete the instrument (this can be undone by tapping  if you delete one by accident).

- You will then end up with separate scores each containing the extracted parts. These can then be printed out, exported, played back and so on.

**To transpose** an instrument:

- Tap the add instrument menu  to the left of the staff of the instrument you wish to create a transposition of.

- Tap the **Transposition** menu item, and then tap the number of semitones you wish to transpose the instrument by. Tapping **None** allows you to simply make a copy of the current instrument.

- A copy of the instrument will be added beneath the original, transposed accordingly.

- If you require, you can delete the original non-transposed instrument by tapping the  button to the left of the staff, and then the  button at the right of the screen.

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## Viewing & Playing the Full Score

To play your full score, or view it formatted into systems and pages, tap **Show/Play Full Score** in the **Main Menu:**

- To zoom in on the score, either pinch-to-zoom, or hold your device in a landscape orientation.

- Any red notes/rests in the **Printed Area** of the **Edit Score Screen** (indicating that the bar is too long for the time signature) won't be included in the **Full Score**.

- To move between pages, swipe with one finger left/right. Alternatively, tap on the page number at the top of the screen to enter a specific page number to jump to.

- **Play back the score** by tapping the play button. Tap it again to stop playback:

    - A blue play back cursor is displayed showing the current notes being played.

    - To play back the score from any position, tap the score at the desired position (to place the play back cursor), before tapping the play button.

- Tap the appropriate text to change the tempo, title, composer, and copyright text (except during playback).

- Tap the score name at the top to rename it. This does not effect the title text which is editable separately (see previous point).

Go back to the **Edit Score Screen** by tapping **Edit Score** in the **Main Menu**, or pressing your phone's **Back** button (if available). Alternatively double-tap a bar to jump straight to that bar in the selected staff.

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## Managing Your Scores

Scores are automatically saved within the NotateMe app.

To close the current score and start a new one, tap **New Score** in the **Main Menu**.

View all your scores by tapping **My Scores...** in the **Main Menu**.

- Tap the close  button to return to your score.

- Select a score by tapping and holding over one of them.

  - You can then tap the  button to rename the score.

  - Tap the  button to create a copy of it.

  - Tap the  button to delete it.

    - Deleted scores are striked though and not fully deleted until the next time your device goes into standby or you swap to a different app.

    - You can undo the deletion of a striked-through score by selecting the score once again from **My Scores...** and tapping the  button.

Tap **Export** in the **Main Menu** to export scores as **PDF**, **MusicXML** or **MIDI**, either:

- Directly into another app on your device (**Open In**),

- Locally (**Save**) - read below to find out where to,

- As an attachment to an email (**Send**),

- Or to **Dropbox**.

- Share your score with another NotateMe user by tapping **Share NotateMe Score**.

- A list of software that can open MusicXML files can be found at www.musicxml.com/ software.

Print out a score by tapping **Print** in the **Main Menu**.

- **Note:** If using Android you may need an app installed that can print PDFs. **Adobe Reader** is recommended and free to download from the ***Play Store***.

Import MusicXML files into NotateMe to edit them as handwritten music by using the **Open In** feature from email apps and other notation apps.

- **Note:** Only those symbols listed in Recognized Symbols (excluding grace notes) can be imported. Other symbols will be ignored.

**iOS Users:** To reduce the likelihood of lost work from an accidental uninstallation of NotateMe, it is recommended that you back up your work regularly:

- It is possible to save copies of your scores, and also add NotateMe scores to NotateMe (e.g. from another device) using iTunes® on Mac OS X/Windows:

  - Connect your device to your computer (iTunes should open automatically), then click your device name, then **Apps**, and scroll down to **File Sharing**.

  - Tap on **NotateMe** in the **Apps** column to display your scores in the **Documents** column.

  - NotateMe scores have the file extension **.nas**.

  - Your exported MusicXML and MIDI files will also be available here.

  - The files *mainprofile.hnpi* and *mainprofile.hnpi.extra* contain NotateMe's knowledge of your handwriting style and should not be touched.

**Android Users:** To reduce the likelihood of lost work from an accidental uninstallation of NotateMe, a folder called **NotateMe** is created on your device's internal SDcard. This contains the folders **Scores**, **Exported** and **User**:

- Your scores are automatically copied from within the NotateMe app to the **Scores** folder. You may also copy NotateMe files (with the **.nas** extension) to the **Scores** folder and they will be imported into the NotateMe app the next time it is opened. It is important to note however, that they will be overwritten by any score with the same filename that already exists within the NotateMe app.

- Exported MusicXML, MIDI & PDF files are stored in **Exported**.

- NotateMe's knowledge of your handwriting style is stored in the **User** folder.




Choose **Sync with Dropbox** from the **Main Menu** to automatically keep a backup of your scores on the secure **Dropbox** 'Cloud' server:

- You will then also be able to access your scores from other devices, laptops and desktop computers. You can even work on the same score using more than one device (for example a phone when you are out and about and a tablet when you get back).

- You will need a free Dropbox account for this which is quick and easy to set up.

- You will need to enter your user name and password (this information is collected within a Dropbox window and not made available to NotateMe or Neuratron) and then give NotateMe permission to store files in your Dropbox account.

- When using Dropbox, in **My Scores...** some scores may have an up/down arrow drawn to the left of them:

    - A down arrow means the score is on Dropbox and not on your device, or there is a more up-to-date version on Dropbox which will be downloaded to your device when you tap to open it.

    - An up arrow means that the score is on your device, and is yet to be uploaded/updated to Dropbox, possibly because NotateMe is waiting for a network connection.

- Before switching to using NotateMe on another device, first ensure that your scores have been uploaded to Dropbox by the device that you are currently working on. To do this:

    - Tap on **New Score** in NotateMe's main menu.

    - Depending on your network connection, it may take some time for your scores to upload, particularly if there are many of them or if any of them are quite large.

    - Allow up to a minute for the upload to finish and then close NotateMe.

    - Once you have switched to your other device, ensure that **Sync With Dropbox** is checked in the main menu.

**Android Users:** Install **Google Drive** from the ***Play Store*** and you will be able to select **Drive** when tapping **Export>Send MIDI/XML/PDF** or **Share NotateMe Score** to upload your scores to Google Drive.

**iOS Users:** Install **AirDrop** from the ***App Store*** and you will be able to select **AirDrop** when tapping **Export>Send MIDI/XML/PDF** or **Share NotateMe Score** to share your scores via AirDrop.

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## Instruments & Transpositions

Here is a list of instrument names that may be entered when tapping **Other...** in the **Add Instrument Menu**.

- The number to the left indicates the MIDI program number which is used during playback.

- When adding a transposing instrument to a score for the first time, you will be asked if you would like to write all transposing instruments in the score at their transposed pitch.

    - If you choose to do so, the transposition in semitones will be shown next to the instrument name at the top of the **Printed Area**.

    - Below, a positive/negative number following a colon indicates the number of semitones by which the instrument to its left is transposed up/down during playback.

1 "Piano", "Acoustic Grand Piano", "Keyboard", "Piano [chamber music]"
2 "Bright Acoustic Piano"
3 "Electric Grand Piano"
4 "Honky-tonk Piano"
5 "Electric Piano 1"
6 "Electric Piano 2"
7 "Harpsichord"
8 "Clavi"
9 "Celesta":+12
10 "Glockenspiel":+24, "Crotales"
11 "Music Box"
12 "Vibraphone"
13 "Marimba"
14 "Xylophone":+12, "Xylorimba"
15 "Tubular Bells", "Chimes"
16 "Dulcimer"
17 "Drawbar Organ"
18 "Percussive Organ"
19 "Rock Organ"
20 "Organ", "Church Organ", "Organ [manuals]", "Ped. [Organ pedals]"
21 "Harmonium", "Reed Organ"
22 "Accordion"
23 "Harmonica"
24 "Tango Accordion"
25 "Guitar":-12, "Acoustic Guitar (nylon)":-12, "Guitar [tab]":-12, "Lute [tablature]":-12, "Lute":-12
26 "Acoustic Guitar (steel)":-12, "Mandolin":-12
27 "Electric Guitar":-12, "Electric guitar (jazz)":-12, "Electric guitar [tab]":-12
28 "Electric Guitar (clean)":-12
29 "Electric Guitar (muted)":-12
30 "Overdriven Guitar":-12

31 "Distortion Guitar":-12
32 "Guitar Harmonics":-12
33 "Acoustic Bass":-12
34 "Bass guitar":-12, "Electric Bass (finger)":-12, "Bass guitar [tab]":-12
35 "Electric Bass (pick)":-12
36 "Fretless Bass":-12
37 "Slap Bass 1":-12
38 "Slap Bass 2":-12
39 "Synth Bass 1":-12
40 "Synth Bass 2":-12
41 "Violin", "Treble Viol"
42 "Viola", "Tenor Viol"
43 "Cello"
44 "Contrabass", "Bass Viol"
45 "Tremolo Strings"
46 "Pizzicato Strings"
47 "Harp", "Orchestral Harp"
48 "Timpani"
49 "Strings", "String Ensemble 1", "Violin I", "Violin II", "Viola", "Violoncello", "Contrabass", "Double bass":-12
50 "String Ensemble 2"
51 "Synth Strings 1"
52 "Synth Strings 2"
53 "Choir", "Choir Aahs", "Soprano", "Alto", "Tenor", "Bass", "Mezzo-soprano", "Treble", "Contralto", "Counter-tenor", "Baritone"
54 "Voice", "Voice Oohs"
55 "Synth Voice"
56 "Orchestra Hit"
57 "Trumpet":-2, "Trumpet in Bb":-2, "Trumpet in Eb":+3, "Trumpet in D":+2, "Trumpet in C", "Trumpet in Bb [no key]":-2, "Bass Trumpet in D":+2, "Cornet":-2, "Flugelhorn":-2, "Soprano Cornet Eb":+3, "Solo Cornet Bb":-2, "Repiano Cornet Bb":-2, "2nd Cornet Bb":-2, "3rd Cornet Bb":-2
58 "Trombone", "Tenor Trombone", "Bass Trombone", "Alto Trombone", "1st Trombone Bb", "2nd Trombone Bb", "Bass Trombone"
59 "Tuba", "Euphonium", "Tenor Tuba", "Bass Tuba", "Euphonium Bb", "Bass Eb", "Bass Bb"
60 "Muted Trumpet"
61 "French Horn":-7, "Horn in F":-7, "Horn in F [no key]":-7, "Flugelhorn":-2, "Solo Horn Eb":-9, "1st Horn Eb":-9, "2nd Horn Eb":-9, "1st Baritone Bb":-14, "2nd Baritone Bb":-14
62 "Brass Section", "Brass"
63 "SynthBrass 1"
64 "SynthBrass 2"
65 "Soprano Sax":-2, "Sopranino Saxophone":+3, "Soprano Saxophone":-2
66 "Alto Sax":-9, "Alto Saxophone":-9
67 "Tenor Sax":-14, "Tenor Saxophone":-14
68 "Baritone Sax":-21, "Baritone Saxophone":-21, "Bass Saxophone":-26
69 "Oboe"
70 "English Horn":-7, "Oboe d'amore":-3, "Cor Anglais":-7
71 "Bassoon", "Contrabassoon":-12

72 "Clarinet":-2, "Clarinet in Bb":-2, "Clarinet in A":-3, "Clarinet in Eb":+3, "Clarinet in D":+2, "Bass Clarinet in Bb":-14, "Bass Clarinet":-14, "Bass Clarinet [bass clef]":-14, "Contrabass Clarinet in Bb":-26, "Contrabass Clarinet in Eb":-21, "Alto Clarinet in Eb":-9, "Basset-horn"
73 "Piccolo":+12
74 "Flute", "Alto Flute":-5, "Bass Flute":-12
75 "Recorder":+12, "Descant Recorder":+12, "Treble Recorder", "Tenor Recorder", "Bass Recorder":+12
76 "Pan Flute", "Panpipes"
77 "Blown Bottle"
78 "Shakuhachi"
79 "Whistle"
80 "Ocarina"
81 "Lead 1 (square)", "Ondes Martenot", "Synthesizer"
82 "Lead 2 (sawtooth)"
83 "Lead 3 (calliope)"
84 "Lead 4 (chiff)"
85 "Lead 5 (charang)"
86 "Lead 6 (voice)"
87 "Lead 7 (fifths)"
88 "Lead 8 (bass + lead)"
89 "Pad 1 (new age)"
90 "Pad 2 (warm)"
91 "Pad 3 (polysynth)"
92 "Pad 4 (choir)"
93 "Pad 5 (bowed)"
94 "Pad 6 (metallic)"
95 "Pad 7 (halo)"
96 "Pad 8 (sweep)"
97 "FX 1 (rain)"
98 "FX 2 (Soundtrack)"
99 "FX 3 (crystal)"
100 "FX 4 (atmosphere)"
101 "FX 5 (brightness)"
102 "FX 6 (goblins)"
103 "FX 7 (echoes)"
104 "FX 8 (sci-fi)"
105 "Sitar"
106 "Banjo"
107 "Shamisen"8
108 "Koto"
109 "Kalimba"
110 "Bag pipe", "Bagpipe"
111 "Fiddle"
112 "Shanai"
113 "Tinkle Bell"
114 "Agogo"
115 "Steel Drums", "Tam-tam", "Gong"
116 "Woodblock", "Temple Blocks", "Wood Blocks"
117 "Taiko Drum"

118 "Melodic Tom", "Quads"
119 "Synth Drum"
120 "Reverse Cymbal"
121 "Guitar Fret Noise"
122 "Breath Noise"
123 "Seashore"
124 "Bird Tweet", "Birdsong"
125 "Telephone Ring", "Telephone"
126 "Helicopter"
127 "Applause"
128 "Gunshot"

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## Editing - Frequently Asked Questions

**- Can you recommend a stylus to use with NotateMe?**

If your device does not come with a stylus, NotateMe users often report the 'Adonit Jot' stylus as working well for them. Most styluses feature a large nib to simulate a finger (in order to be picked up by the touchscreen). The 'Jot' features a transparent nib so you can see more of what you are writing. Styluses supplied with devices are usually the best option, as they have tapered ends and are highly responsive.

**- How do I add a tuplet?**

NotateMe automatically adds tuplets once a bar is complete.

**- How do I specify which notes belong to a tuplet?**

Select the **Text & Notation Pen** , then tap on the bottom gray bar in the selected staff. Enter the tuplet number (e.g. **3**) and then tap and drag the created number under the notes it applies to. You may need to try a few different positions for it to be detected as you wish.

**- How do I add repeat endings?**

Tap a barline to select it. Then tap and drag it downwards to choose a barline with  above it, to mark where the first ending begins. Then, at subsequent barlines, choose the barline with  above it to mark where each ending should finish. **Note:** Only the start of the first ending needs to be specified and that repeat barlines are added automatically.

**- How do I add a time signature that's not listed?**

Tap the time signature to select it, then tap it once again and you will be able to enter a time signature into a text box.

**- How do I add a time signature change?**

Either copy and paste the time signature from the beginning of the score to the position you require the change, or select the **Symbol & Notation Pen**  and drag the **C** symbol from the band at the bottom of the selected staff.

**- How do I copy and paste symbols?**

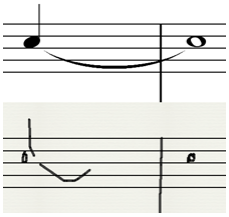
Hold down over a symbol (or lassoed selection) to bring up the  copy button. Tap this to copy to the clipboard. Then, tap and hold over an empty region in the selected staff to show the paste  button. Tap that to place the contents of the clipboard. You can also double-tap-drag selected objects for an immediate copy.

**- How do I copy & paste one or more bars?**

Draw a line from before the bar you wish to copy, and continue through all the bars you wish to include (the selected staff will automatically scroll as you reach the right edge) until they are all selected with a light-blue background. When you release your finger/stylus, NotateMe will show the copy button. Tap this to copy to the clipboard. Then, tap and hold over an empty region in the selected staff to show the paste button. Tap that to place the contents of the clipboard. You may find it easier to two-finger pinch to show more bars before selecting them.

**- How do I tie a note to the following bar?**

Due to the way editing works in NotateMe, it will not allow you to draw it overlapping the barline in the selected staff, so you need to draw a hanging tie:



**- How do I add a barline?**

Barlines cannot be drawn, instead you need to insert a bar. To do this double-tap the background of an existing bar, either on its left-hand side, to insert a bar before, or the right-hand side to insert it after.

**- How do I start a new bar?**

New bars get added automatically as you write. If you cannot see one, scroll the selected staff to the left until you see a barline, then continue writing to the right of it.

**- How do I reset learning?**

Hold down over the **Eraser Pen** button until a message pops up asking whether you wish to reset learning.

**- How do I add crosshead notation?**

You cannot currently write crosshead notation in NotateMe, instead use the **Symbol & Notation Pen** . Either draw normal noteheads, lasso them, and tap the **x** symbol near the left of the top symbol bar (don't confuse with the double-sharp accidental). Or, drag the **x** symbol from the bar to your score, then draw a stem to it. You may also find it quick to double-tap-drag copy existing crossheads in the selected staff.

**- How do I tell NotateMe the correct meaning of a symbol it has misinterpreted?**

Select the **Symbol & Notation Pen** . Then select the relevant symbol(s) and tap the appropriate symbol from the symbol bars.

**- How do I import MusicXML files?**

From your email app (if you have been sent the file) or notation app (if you have created it in another app), use the **Open In** feature and select **NotateMe** as the app to open the MusicXML file in.

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## PhotoScore

The PhotoScore Add-In allows you to take photos of sheet music with your phone and convert them into a digital score that you can edit, playback, share or export.

It's available as an In-App purchase from the full version of NotateMe and can be purchased by tapping **PhotoScore** in the main menu.

Once it has been purchased, tap **PhotoScore** to take a photo.

**For best results it is important to ensure the following:**

- **The page is flat.** If you are taking a photo of a page in a book, any curvature of the page can be minimised by weighing it down or by supporting the book from beneath.

- **The page fills the photo.** If this isn't possible (say because you are using a phone with a narrow screen), ensure that the background is featureless (e.g. by placing the page on some blank pieces of paper). Alternatively, you can break each page down into parts and take photos of one or more systems at a time in landscape, treating each part as a separate page.

- **The photo is in focus.** Try to avoid moving your device as you take the photo and note that you may need to wait for your device to focus on the page.

- **The photo is not at an angle.**

- **The photo is taken under good lighting conditions** avoiding shadows (cast by your self or other objects) and lighting gradients (caused by being near a bright source of light such as a lamp or window during daytime).

- **The photo is not blurred.** Ensure the device is held steady whilst you take the photo.

Once you have taken the photo and have indicated that you are happy with it, PhotoScore will begin processing the page.

- If the page seems to be on its side, PhotoScore will check if you want to rotate it. Don't worry if the page then appears upside down – PhotoScore will notice this and check if you'd like to rotate it again.

- If the quality of the photo is poor and PhotoScore is unable to find any staves, you will be given the opportunity to take the photo again.

After the page has been read by PhotoScore, you will be asked whether you'd like to take a photo of the next page, retake a photo of the current page or finish taking photos.

- **Note**: within NotateMe there is no way to append pages to scores at a later time so all pages must be photographed at this stage.

Once you have finished taking photos, you will be able to view and playback the score within the **Full Score View**.

- To change the sound of an instrument, tap its instrument name at the start of the score and tap **Rename**.

- To correct or edit the score, tap **Edit Score** in the main menu or double-tap on any bar to jump straight to that bar in the **Edit Score View**.

- After the score has been edited, you can return to the **Full Score View** by tapping **Show/Play Full Score**. Note that NotateMe will automatically reformat the score.

**For professional music scanning, PhotoScore Ultimate is available for Windows and Mac OS X.** For more information, visit:

www.neuratron.com/photoscore.htm

***Important: Capturing copyrighted music without the copyright holder's permission is illegal.***

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## NotateMe SDK For Developers

If you would like to support handwritten music entry and editing in your own apps, please email us at **sales@neuratron.com**.

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## Problem Solving

If you find that NotateMe crashes or freezes, your device may be running low on memory:

- Please try restarting your device and reopening NotateMe.

If you find that Dropbox does not sync correctly:

- Please try restarting your device, reopening NotateMe and trying again.

**Android Users: I**f you find that you are unable to write (no drawing appears):

- This may be because NotateMe could not confirm that your product license is valid with the Google Play Store. Please try forcing NotateMe to stop (from your device's **Settings>Application Manager**), check for an active network connection and run NotateMe once again.

- Alternatively, there may be a temporary issue with your device's connection to the Google Play Store and you may find coming back to NotateMe after some time fixes the problem.

- If the problem persists, please try uninstalling and then reinstalling NotateMe from the Google Play Store.

If you experience other issues, please email Neuratron support: **help@neuratron.com**.

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