

Using a wireless visual display with the BrailleNote

It is possible to output the BrailleNote's screen to another device wirelessly, without the need to have a HDMI cable connected from the BrailleNote to an external display.

BrailleNote's updated Android operating system opens up lots of possibilities for wireless display options, such as using a Google Chromecast device, remote display and screen sharing apps such as TeamViewer, JoinMe and VNC, and many more.

Android Oreo comes with an inbuilt feature called Cast (the official full name is “Google Cast”).

Cast is a relatively limited feature which enables the BrailleNote’s screen content to be outputted to a mobile device that has the Google Chrome web browser with Cast extension installed.

For more detailed information about Cast, refer to this webpage:

https://en.wikipedia.org/wiki/Google_Cast

As there are various options for wireless visual display, it is beyond the scope of this guide to cover every possible solution.

For this guide, we will focus on one popular wireless visual display / screen sharing solution: **TeamViewer**.

TeamViewer is a very popular software solution which offers lots of powerful features, including the ability to share the screen of your device wirelessly to another device. This is the feature that we will focus on (although there are many others, such as file transfer).

You can obtain lots of detailed information about TeamViewer here:

<https://www.teamviewer.com/en/>

Setting up the BrailleNote with TeamViewer on a laptop or mobile device

The objective is to set up the BrailleNote with the TeamViewer software on a computer or mobile device (smartphone, tablet etc), so that the BrailleNote's screen content is displayed wirelessly on the laptop or mobile device's screen.

Note: One advantage of using TeamViewer for this purpose is that the BrailleNote and the computer / mobile device you are using do not have to be connected to the same network in order to connect the two.

TeamViewer handles the connection through the internet. As long as both the BrailleNote and the computer / mobile device have an internet connection, you can use TeamViewer.

Step 1: Install the main TeamViewer software / app onto your device

On a Windows computer, go to

<https://www.teamviewer.com/en/download/windows/>, and follow the link named “DOWNLOAD TEAMVIEWER”.

On a mobile device (iOS, Android etc), go to your app store, and search for the “TeamViewer” app. Note that there are other variants of TeamViewer, including “QuickSupport” and others. Ensure that you download and install the “TeamViewer” app.

Step 2: Install the TeamViewer QuickSupport app onto your BrailleNote

On the BrailleNote, go to the Play Store, search for “**quicksupport**”, and the first result should be the “TeamViewer QuickSupport” app. Select this app, and download and install it onto your BrailleNote.

Step 3: Initiate the connection between your computer / mobile device and your BrailleNote

If you are using a Windows computer, launch the TeamViewer software. If you are using a mobile device, launch the TeamViewer app.

On the BrailleNote, go to the Main Menu, select All Applications, and from the All Applications menu select QuickSupport.

Note: When the QuickSupport app is first launched on the BrailleNote, you will need to skip the startup screens.

If you have KeySoft turned off: **Swipe from right to left** to skip through the first two screens, until you reach a screen which has a “DONE” button at the bottom right. Then, tap **DONE**.

If you have KeySoft turned on: Press the **Previous** (far left) **thumb key** and the **Next** (far right) **thumb key** at the same time to turn TouchBraille mode off. Use a **two finger swipe** from right to left on the screen to skip through the first two screens. Then, re-enable TouchBraille mode by pressing the **Previous** (far left) **thumb key** and the **Next** (far right) **thumb key** at the same time. Now, type a letter **D** to move to the DONE button, and press **Enter**.

In the QuickSupport app on the BrailleNote, an ID number will be displayed alongside “Your ID” on the right side of the screen. Make a note of this ID number.

In the TeamViewer application on your computer or mobile device, type the BrailleNote’s QuickSupport ID number as noted into the “Partner ID” field, and then tap the **Enter key** or select the **CONNECT** button.

After a few moments, QuickSupport on the BrailleNote will prompt “Allow remote support”. Select the **ALLOW** button to grant access to TeamViewer on your device.

Note: QuickSupport on the BrailleNote may prompt “QuickSupport will start capturing everything that’s displayed on your screen”. Select the “**Don’t show again**” checkbox, and then select the “**START NOW**” button.

After a few moments, you should now see the BrailleNote's screen activity appear on your computer or mobile device screen.

Note: At the current time, you can use TeamViewer to view the BrailleNote's screen activity. However, you cannot remotely control the BrailleNote from your computer or mobile device.

Setting up the BrailleNote with TeamViewer on an iPad

The objective is to set up the BrailleNote with the TeamViewer software on an iPad (or an iPhone) so that the BrailleNote's screen content is displayed wirelessly on the iPad's screen.

Note: One advantage of using TeamViewer for this purpose is that the BrailleNote and the iPad you are using do not have to be connected to the same network in order to connect the two.

TeamViewer handles the connection through the internet. As long as both the BrailleNote and the iPad have an internet connection, you can use TeamViewer.

Step 1: Install the main TeamViewer Remote Control app onto your device

On your iPad, go to the Apple App Store, and search for the “TeamViewer Remote Control” app. Note that there are other variants of TeamViewer, including “QuickSupport” and others. Ensure that you download and install the “TeamViewer Remote Control” app.

Step 2: Install the TeamViewer QuickSupport app onto your BrailleNote

On the BrailleNote, go to the Play Store, search for “**quicksupport**”, and the first result should be the “TeamViewer QuickSupport” app. Select this app, and download and install it onto your BrailleNote.

Step 3: Initiate the connection between your iPad and your BrailleNote

On your iPad, launch the TeamViewer Remote Control app.

On the BrailleNote, go to the Main Menu, select All Applications, and from the All Applications menu select QuickSupport.

Note: When the QuickSupport app is first launched on the BrailleNote, you will need to skip the startup screens.

If you have KeySoft turned off: **Swipe from right to left** to skip through the first two screens, until you reach a screen which has a “DONE” button at the bottom right. Then, tap **DONE**.

If you have KeySoft turned on: Press the **Previous** (far left) **thumb key** and the **Next** (far right) **thumb key** at the same time to turn TouchBraille mode off. Use a **two finger swipe** from right to left on the screen to skip through the first two screens. Then, re-enable TouchBraille mode by pressing the **Previous** (far left) **thumb key** and the **Next** (far right) **thumb key** at the same time. Now, type a letter **D** to move to the DONE button, and press **Enter**.

In the QuickSupport app on the BrailleNote, an ID number will be displayed alongside “Your ID” on the right side of the screen. Make a note of this ID number.

In the TeamViewer Remote Control app on your iPad, type the BrailleNote’s QuickSupport ID number as noted into the “Partner ID” field, and then tap the **Enter key** or select the **CONNECT** button.

After a few moments, QuickSupport on the BrailleNote will prompt “Allow remote support”. Select the **ALLOW** button to grant access to TeamViewer on your device.

Note: QuickSupport on the BrailleNote may prompt “QuickSupport will start capturing everything that’s displayed on your screen”. Select the “**Don’t show again**” checkbox, and then select the “**START NOW**” button.

After a few moments, you should now see the BrailleNote's screen activity appear on your iPad's screen.

Note: At the current time, you can use TeamViewer to view the BrailleNote's screen activity. However, you cannot remotely control the BrailleNote from your iPad.