



SONICDATA

Testing SonicKey™ with the SonicApp

There are five different ways to test SonicKey with the SonicApp.

How to test SonicKeys....

Directly via your smartphone's microphone Open the App on your smartphone and follow the instructions.

On your computer visit the RadioSonic web page sonicdata.com/radiosonic (encoded test broadcast). Ensure your speakers are loud enough for the audio to be clearly heard. On your computer, press play on RadioSonic.

The recording is 93 seconds. You will then see SonicKeys along with MetaData linked to RadioSonic.

Directly through the URL Open the App on your smartphone. Open the 'Import' menu in the top right corner of your screen. Select 'From URL'. You will then see "Download & D...". Press this. This will import the RadioSonic broadcast directly in to your smartphone and it will immediately start detecting SonicKeys linked to RadioSonic.

You can also use this to point at any of your own URLs that have SonicKey encoded audio.

Directly from your smartphone (RadioSonic is auto-installed). Open the App on your smartphone. Open the 'Import' menu in the top right corner of your screen. Select 'From Device'. You will then see 'Audio Files' and underneath this the 'RADIO SONIC' file. Tap on the file and the SonicApp will start detecting SonicKeys.

This will also work if you are sent a SonicKey encoded file.

You can also **Encode and share your own audio** with a SonicKey.

iOS (iPhone) - Open the App on your smartphone. Tap the menu bar in the top left corner. Select Encode Audio. Follow the instruction to 'Tap microphone below to start' to begin encoding. The smartphone microphone will detect the audio you are playing or it can be your voice.

When complete, press the 'Stop' icon in the bottom right corner of the screen. You will then be asked to 'Add metadata to your recording'. Please add 'Audio Name' and 'Description'. Once you have completed this press 'Encode'.

You will then see 'Audio successfully encoded'. Below is the SonicKey, the metadata you created along with the date and time of the encoding.

Press 'Share' and you will see the iPhone's sharing options menu, including Message, WhatsApp, Email, AirDrop etc. By scrolling this menu up you will also be able to 'Save to Files'.

If you 'Save to Files' you will be presented with options of where to save the encoded SonicKey file. Press 'Save' in the top right corner of the screen. It will Save automatically as an audio file.

The SonicApp will then take you back to the SonicKey encoded file once it has been saved. You then have three choices:

X - Deletes the file

▶ - Plays the file

The third is to detect the SonicKey in the encoded audio. To do this, select the Menu bar in the top left corner of the screen and press 'Detect SonicKey'. Open the 'Import' menu in the top right corner of your screen. Select 'From Device'. You will then see 'Audio Files' and underneath this the encoded audio file you have saved. Tap on the file and the SonicApp will start detecting the SonicKey.

If you select one of the iPhone's Sharing options, the encoded audio can be sent to another device. You can then detect the SonicKeys with your SonicApp using your smartphone's microphone. To do this Open the SonicApp, 'Tap microphone below to start' and then play the newly encoded file on another device to read the SonicKey.

Please Note - If you share the encoded file, the file needs to be outputted by a different device when detecting the SonicKeys in the shared encoded audio file.

Android (Galaxy, Pixel etc) - Open the App on your smartphone. Tap the menu bar in the top left corner. Select Encode Audio. Follow the instruction to 'Tap microphone below to start' to begin encoding. The smartphone microphone will detect the audio you are playing or it can be your voice.

When complete, press the 'Stop' icon in the bottom right corner of the screen. You will then be asked to 'Add metadata to your recording'. Please add 'Audio Name' and 'Description'. Once you have completed this press 'Encode'.

You will then see 'Audio successfully encoded'. Below is the SonicKey, the metadata you created along with the date and time of the encoding.

Press 'Share' and you will see the sharing options menu, including Message, WhatsApp, Email, AirDrop etc. By scrolling this menu up you will also be able to 'Drive or My Drive'.

If you save to 'Drive or My Drive' you will be presented with a screen showing that the 'Sonic encoded audio file' will be saved to 'Drive or My Drive'. Press 'Save' and it will Save automatically as an audio file.

The SonicApp will then take you back to the SonicKey encoded file once it has been saved. You then have three choices:

X - Deletes the file

▶ - Plays the file

The third is to detect the SonicKey in the encoded audio. To do this, select the Menu bar in the top left corner of the screen and press 'Detect SonicKey'. Open the 'Import' menu in the top right corner of your screen. Select 'From Device'. You will then see the 'Sonic encoded audio file' you have saved. Tap on the file and the SonicApp will start detecting the SonicKey.

If you then go to 'Drive or My Drive' the Sonic encoded audio file can be sent to another device., by highlighting the file and selecting share. You can then detect the SonicKeys with your SonicApp using your smartphone's microphone from the other device. To do this Open the SonicApp, 'Tap microphone below to start' and then play the newly encoded file on another device to read the SonicKey.

Please Note - If you share the encoded file, the file needs to be outputted by a different device when detecting the SonicKeys in the shared encoded audio file.

Via the SonicPortal Finally, if you want to test complete tracks, we can supply access to the SonicPortal. This is the commercial product. We will provide you with 10 test SonicKeys. You can encode via the Portal, move the encoded file from one format to another or however you want to test the SonicKey. You can also then read the SonicKey via the SonicApp on your smartphone.

Please contact Vicky at Vicky@sonicdata.com to register for SonicPortal access or visit <https://sonicdata.com/try-sonic-key/>