

# **Release Notes for SHARC® Audio Module Bare Metal SDK 2.1.1**

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# 1 Introduction

This document describes information for users of the **SHARC Audio Module 2.1.1** release. For information regarding installation, system requirements and support please visit <http://analog.com/sharcaudiomodule>.

## 2 New and Noteworthy

### 2.1 SigmaStudio Projects for Pre-Configured A<sup>2</sup>B® Setups

There are 2 pre-configured A<sup>2</sup>B setups included in the bare metal framework. The SigmaStudio projects that are used to create the configuration files included are now part of the SHARC Audio Module 2.1.1 release and can be found under `extras\sigmastudio-projects` in the installation directory.

### 2.2 Latest SigmaStudio A<sup>2</sup>B Command List Now Supported

A change to the SigmaStudio A<sup>2</sup>B generated command list was not working with the previous version of the bare metal framework. Customers can now use the latest Sigma Studio 4.5 release along with A<sup>2</sup>B Software revision 19.3.x to generate a command list that can be used within the bare metal framework. Please reference <http://analog.com/sharcaudiomodule> which includes a page on how to create a custom A<sup>2</sup>B configuration for use with the SHARC Audio Module bare metal framework.

### 2.3 Minor Bug Fixes

In addition to the referenced changes above there were a handful of other minor fixes to the bare metal framework.

## 3 Support

For questions and feedback surrounding the SHARC Audio Module, please visit the [SHARC Audio Module EngineerZone®](#) page.

## 4 Known Issues

### 4.1 Using Faust with the SHARC Audio Module

Although there is mention of Faust in some of the current documentation, Faust support relies heavily on the current Faust compiler and software. As that software changes, it could cause issues with the generated code used within the bare metal framework. For more up-to-date information on the best version of Faust to use with the SHARC Audio Module bare metal framework, please reference the *Faust and the SHARC Audio Module* page found at <http://analog.com/sharcaudiomodule>.