

Release Note for Display-Audio SDK

Version 1.2.0

Display Audio SDK

Solution Team

NEXELL

Release information

The following changes have been make to this document.

Change History	
<i>Date</i>	<i>Change</i>
19 Feb 2019	Update for BSP R2 Ver.
16 Nov 2018	Update for v1.1.0
13 Mar 2018	First release for v1.0.0

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Introduction

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1 Introduction

The purpose of this document is to describe the release of Display Audio SDK.

2 Scope

This document is intended to describe the contents of the release. Also, the features supported in release and list of known issue are documented here.

3 Version History

Version	Date	Description
1.2.0	28 Feb. 2019	Added D-Audio recipe and connectivity recipe by default. Change (quick) rear camera function scenario. (See rear camera document) Support video playback speed control method in Video Player. Support Audio/Video sync control API in milliseconds. Support BT HFP Voice Recognition service
1.1.0	16 Nov. 2018	Change Qt version from 5.7 to 5.6. Change from multiple application to single application.
1.0.0	14 Dec. 2017	First Release

4 Features

4.1 New Added Features

1. Video Player
 - Support video playback speed control.
 - Support Audio/Video sync control API in milliseconds.
(Limit : Container AVI/MKV/MP4, Video Codec : H264/Mpeg4)
2. BT
 - Support HFP Voice Recognition service.

4.2 Features

1. Audio/Video Player
 - ID3 tag parsing for Album information.
 - Support basic control for playback.
 - Support video playback speed control method.
 - Support Audio/Video sync control API in milliseconds.
2. Quick Rear Camera
 - Support back-gear detect.
3. Bluetooth
 - A2DP
 - AVRCP
 - HFP
 - PBAP
4. Media Scanner
 - Audio/Video contents scanning
5. Database Access Libraries
 - SQL access library
 - XML parser
6. Utility
 - Log library

5 Features Not Supported

- Subtitle parser: the subtitle parser included in the software package is just an example code.

6 Issues Fixed

Issue	Fixed Version	Remark
Fixed Audio/Video player focus problems.	28 Feb. 2019	Fixed
Fixed up double free problem.	28 Feb. 2019	Fixed
Fixed up "Quick Rear Button" related problem.	28 Feb. 2019	Fixed

7 List of Known issues and Limitations

Issue	Version	Remark
Audio player does not normally display UTF-16 characters among ID3 tag information.	16 Nov. 2018	
There is a very small chance that the screen will stop after booting. (then double free error occurs)	16 Nov. 2018	
There is a problem that the audio driver is loaded later than launcher application. So the initial volume setting does not work.	16 Nov. 2018	
Sometimes EOS stream occurs twice during video speed control.	15 Feb. 2019	

8 Release Contents

- Source code for each application.
- Documents