EC2x&AG35-QuecOpen Volume Adjustment API Introduction

LTE Standard/Automotive Module Series

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Quectel Wireless Solutions Co., Ltd.
7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai 200233, China
Tel: +86 21 5108 6236
Email: info@quectel.com

Or our local office. For more information, please visit:
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About the Document

History

Revision	Date	Author	Description
1.0	2018-06-02	Grady QUAN	Initial

Contents

1 Introduction

This document introduces the API related to audio volume adjustment from the perspective of user development and aims to make users learn to use it quickly.

This document mainly applies for the global market. Currently LTE Standard/Automotive module that supports this includes:

- EC2x: EC10 R2.1/EC25/EC21
- AG35

2 Volume API Introduction

2.1. Audio Playback Volume Adjustment

2.1.1. Function

Read Function	*ql_audplay_gain_read*
Description	Read audio playback volume of the module.
Write Function	*ql_audplay_gain_write*
Description	Set audio playback volume of the module.

2.1.2. Routine

Routine	*example_audplay_gain.c*

2.2. Recording Volume Adjustment

2.2.1. Function

Read Function	*ql_audrd_gain_read*
Description	Read recording volume of the module.
Write Function	*ql_audrd_gain_write*
Description	Set recording volume of the module.

2.2.2. Routine

Routine	*example_audrd_gain.c*

2.3. Call Volume Level Adjustment

2.3.1. Function

Read Function	*ql_clvl_read*
Description	Read volume level of the module.
Write Function	*ql_clvl_write*
Description	Set volume level of the module.

2.3.2. Routine

Routine	*example_clvl.c*

2.4. Uplink Volume Adjustment in the Call

2.4.1. Function

Read Function	*ql_mic_gain_read*
Description	Read the uplink volume of the module in the call.
Write Function	*ql_mic_gain_write*
Description	Set the uplink volume of the module in the call.

2.4.2. Routine

Routine	*example_qmic.c*

2.5. Downlink Volume Adjustment in the Call

2.5.1. Function

Read Function	*ql_spk_gain_read*
Description	Read the downlink volume of the module in the call.
Write Function	*ql_spk_gain_write*
Description	Set the downlink volume of the module in the call.

2.5.2. Routine

Routine	*example_qspk.c*

2.6. Side Tone Volume Adjustment

2.6.1. Function

Read Function	*ql_sidet_read*
Description	Read side tone volume of the module.
Write Function	*ql_sidet_write*
Description	Set side tone volume of the module.

2.6.2. Routine

Routine	*example_sidet.c*

3 Terms and Abbreviations

Table 1：Terms and Abbreviations

Abbreviation	Description
API	Application Programming Interface