

MCU Software Release Notes

Link Lin

Product: JBL L75MS

Hardware configuration: PV

Software builds date: Oct 15, 2021

Software Version: 0.2141.4

Milestone Status: PV

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, is used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1297

SW Phase : PV

HW Phase : DV2

MCU BL : 0.0.1.4

MCU APP : 0.21.41.4

DSP : 0.22.0

HDMI : 10.21.9.2

Changed:

1. Improve bypass mode's gain.
2. Update dsp to v22
3. Add network off control

Fixed:

JBLL75MS-1315

[WIFI]connect wifi during AUX play,volume will jump to 15

JBLL75MS-1319

[OTA] OTA trigger during BT playback mode, BT playback stop and disconnect, but BT LED keep show solid.

JBLL75MS-1320

[OTA] During OTA upgrade, key press not disabled

JBLL75MS-1208

[LED] No LED shown during FOTA process.

JBLL75MS-1220

[GC]audio will interrupt once when GC break in BT

JBLL75MS-241

Can't pair new RC after previous paired RC removed battery.

JBLL75MS-1342

[BT]BT audio will break in after press Play/Pause button on DUT RC during HDMI/PHONO/AUX playback.

JBLL75MS-1208

[LED] No LED shown during FOTA process.

JBLL75MS-1345

[BT] While switch from Streaming to BT source, both Stream and BT source LED all light(1/10).

JBLL75MS-1342

[BT]BT audio will break in after press Play/Pause button on DUT RC during HDMI/PHONO/AUX playback.

JBLL75MS-1341

[HDMI]HDMI will break in when switch source between BT and PHONO/AUX on top panel.

JBLL75MS-1339

[RC] DV2 #3 sample cannot pair RC

Link Lin

Product: JBL L75MS

Hardware configuration: DV2

Software builds date: Sep 30, 2021

Software Version: 0.2139.3

Milestone Status: DV2

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, is used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1287

SW Phase : DV2

HW Phase : DV2

MCU BL : 0.0.1.4

MCU APP : 0.21.39.3

DSP : 0.21.0

HDMI : 10.21.9.2

Changed:

1. Update dsp to v21

Fixed:

JBLL75MS-114

DUT still remain in BT pairing when switch source from BT to HDMI

JBLL75MS-27

DUT can't be Mute when press Volume button on google home app

JBLL75MS-1194

[LED] LED not dim to 50% after 5s of no activity(1/5).

JBLL75MS-20

The Streaming icon is OFF when wired network connection is detected

JBLL75MS-1192

Volume changed on phone after DUT enter standby, effect for DUT for a second

JBLL75MS-114

DUT still remain in BT pairing when switch source from BT to HDMI

JBLL75MS-787

The volume LED is off after press mute button on the web client

JBLL75MS-789

[Once] The DUT can't be muted after press mute button in the web client

JBLL75MS-1180

[Audio] After BT/HDMI wake up device from standby, source icon shown as Red, no audio output(1/10).

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: Sep 3, 2021

Software Version: 0.2135.3

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, is used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1287

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.35.3

DSP : 0.20.0

HDMI : 10.21.9.2

Changed:

2. Update HDMI version to 10.21.9.2. Change HDMI OSD name to "L75ms"

Fixed:

JBLL75MS-1167

Source switch from AP2 to BT/HDMI/AUX twice successfully

JBLL75MS-1158

The DUT can't play BT audio via press play button on the RC after disconnect/connect to DUT again

JBLL75MS-895

[HDMI] Cannot detect HDMI ARC and no audio output after power cycle device with TV SONY KD-55A1.

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: Aug, 13, 2021

Software Version: 0.2132.4

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, is used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1275

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.32.4

DSP : 0.20.0

HDMI : 10.21.8.6

Changed:

3. Update Dsp version to v20
4. Update HDMI version to 10.21.8.6

Fixed:

JBLL75MS-10

The electrical noise can be heard when audio format is DTS/DD

JBLL75MS-896

[HDMI IOP] Cannot detect device as HDMI ARC source with TV Samsung

QA65Q800TAJXAK(EARC_8K_HDMI 2.1)

JBLL75MS-895

[HDMI] Cannot detect HDMI ARC and no audio output after power cycle device with TV SONY

KD-55A1.

JBLL75MS-1166

The current source will be changed after press Source button to wake up DUT

JBLL75MS-888

[OTA] After OTA, LED show network is connected, actually network is not connected, and BT not work, RC cannot pair.

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: Aug, 08, 2021

Software Version: 0.2131.4

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, is used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1250

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.31.4

DSP : 0.19.0

HDMI : 5.21.3.11

Changed:

1. Update Dsp version to v19

Fixed:

JBLL75MS-893

Long press BT on RC cannot activate BT pairing mode on DUT

JBLL75MS-894

[HDMI IOP] Cannot unmute on device while mute via TV SONY KD-55X9000E RC.

JBLL75MS-635

The DUT emit sound after 5s with plug HDMI cable in HDMI ARC source

JBLL75MS-22

Can't wake up by CEC

JBLL75MS-897

[HDMI IOP] TV keep show mute icon after unmute audio via press volume key on device.

JBLL75MS-783

The audio will be paused after wake up DUT via play audio in Upnp source

JBLL75MS-899

No audio can be heard after waked up from standby via CEC(Power on BD Player/TV)

JBLL75MS-22

The DUT can't waked up from standby via CEC(Power on BD Player/TV)

JBLL75MS-1144

[Standby] BT break in standby device, need to press play on source phone two times

JBLL75MS-1145

[BT IOP] While pair BT on Samsung phone, will pop up: An app is needed to use this device.

JBLL75MS-795

[4/5]The pop noise can be heard from DUT after Upnp break in BT source

JBLL75MS-739

The streaming icon is flashing white after switch GC group to HDMI source

JBLL75MS-634

The DUT emit sound after 4s with switch other source to HDMI ARC

JBLL75MS-1151

[Key] Long press source key cannot wake up device from standby mode.

JBLL75MS-1152

[BT] After long press source key to enter BT pair mode, previous connected BT source phone is unpaired.

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: July, 28, 2021

Software Version: 0.2130.1

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, is used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1250

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.30.1

DSP : 0.18.2

HDMI : 5.21.3.11

Changed:

1. Update Dsp version to v18b

Fixed:

JBLL75MS-780

DUT cannot auto standby when paused music on BT/Streaming source

JBLL75MS-794

The LED of Streaming is flash with white when the router is powered off

JBLL75MS-779

DUT cannot stop streaming when enter standby, and wakes up if the next track starts to play

JBLL75MS-883

SUB out has no output after wakes up from standby

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: July, 23, 2021

Software Version: 0.2129.2

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1250

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.29.2

DSP : 0.18.0

HDMI : 5.21.3.11

Changed:

1. Update UI to SRD v16
2. Update Dsp version to v18

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: July, 16, 2021

Software Version: 0.2128.2

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1195

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.28.2

DSP : 0.17.2

HDMI : 5.21.3.11

Fixed:

JBLL75MS-12, no sound when do Google setup

JBLL75MS-18, AP/GC/ 0 volume can't mute

JBLL75MS-21, Stream RGB flash when music on

JBLL75MS-22, Can't wake up by CEC

JBLL75MS-19, The HDMI icon is lighted during connecting to a wireless network

JBLL75MS-35, The volume table is not the same as SRD. volume step 13->31

JBLL75MS-33, Streaming can't wake up the DUT from standby mode

JBLL75MS-27 DUT can't be Mute when press Volume button on google home app

JBLL75MS-29 The volume value will be changed after press volume +/- to unmute

JBLL75MS-30 The MUTE can't be remained after switch to other source/power cycle DUT

JBLL75MS-31 The Source will be changed to HDMI after power cycle DUT in AUX source

JBLL75MS-108 DUT can't enter standby in HDMI ARC source with TV is OFF

JBLL75MS-109 The BT LED is solid white after long press Source button for 3 seconds

JBLL75MS-117 [2/2]The AP2/GC shall break in twice successfully in BT source

JBLL75MS-118 [2/2]The BT audio will be paused after break in AP2/GC source

JBLL75MS-124 Short press Volume+/-/Mute/Streaming/HDMI/Phono/BT/AUX button on RC can wake up DUT from Standby

JBLL75MS-129 [3/10] The DUT can't mute/unmute after press volume+/- button together

JBLL75MS-122 DUT can't remain BT source with HDMI cable after power cycle DUT

JBLL75MS-112 The BT LED is slow flash with white after long press Source button for 3s in BT is disconnected

JBLL75MS-115 [2/5]The BT audio is playing after switch source to AUX

JBLL75MS-301 All source LEDs are flash with red after long press reset button in standby mode

JBLL75MS-448 Audio will be interrupted for 3s in HDMI/AUX/Phono after short press HDMI/AUX/Phono button on the RC

JBLL75MS-444 The volume can't be set to default volume(29) after wake up DUT from Off to ON

JBLL75MS-303 The Volume Only reach 1 when press volume - button on the Phone side in AP2 mode

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: Jun, 02, 2021

Software Version: 0.2126.2

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1095

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.26.2

DSP : 0.0.17.2

HDMI : 5.21.3.11

Note:

1. Update dsp to V17B (0.0.17.2)
2. Fix BTLE remote long press function

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: July, 23, 2021

Software Version: 0.2125.2

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1085

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.25.2

DSP : 0.0.0.16

HDMI : 5.21.3.11

Note:

1. Fix BTLE remote function get wrong data
2. Update dsp to v16

Link Lin

Product: JBL L75MS

Hardware configuration: DV1

Software builds date: Jun, 18, 2021

Software Version: 0.2124.2

Milestone Status: DV1

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1085

SW Phase : DV1

HW Phase : DV1

MCU BL : 0.0.1.4

MCU APP : 0.21.24.2

DSP : 0.9.0.5

HDMI : 5.21.3.11

Note:

1. Build base on EV2 for DV1
2. Update UI to SRD version A15
3. Add BTLE function
4. Add volume line LED

Link Lin

Product: JBL L75MS

Hardware configuration: EV

Software builds date: Apr, 16, 2021

Software Version: 0.2116.2

Milestone Status: EV

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1015

SW Phase : EV

HW Phase : EV

MCU BL : 0.0.1.4

MCU APP : 0.20.16.2

DSP : 0.0.0.11

HDMI : 5.21.3.11

Note:

1. More complete functions and fix some bug we know.
2. Update DSP to v11 version

Link Lin

Product: JBL L75MS

Hardware configuration: EV

Software builds date: Mar, 22, 2021

Software Version: 0.2113.2

Milestone Status: EV

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.1001

SW Phase : EV

HW Phase : EV

MCU BL : 0.0.1.3

MCU APP : 0.20.13.2

DSP : 0.0.0.2

HDMI : 5.21.3.11

Note:

1. Update UI by SRD A113
2. Fixed some bug about upgrade
3. For EV build

Link Lin

Product: JBL L75MS

Hardware configuration: EV

Software builds date: Mar, 16, 2021

Software Version: 0.2112.3

Milestone Status: EV

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.996

SW Phase : EV

HW Phase : EV

MCU BL : 0.0.1.1

MCU APP : 0.20.12.3

DSP : 0.0.0.2

HDMI : 5.21.3.11

Note:

1. Basic function ready
2. Add DSP limit to avoid burn speaker, update the dsp version v02
3. Fix some upgrade bug.

Link Lin

Product: JBL L75MS

Hardware configuration: EV

Software builds date: Mar, 12, 2021

Software Version: 0.2111.2

Milestone Status: EV

Note:

JBL_L75MS_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. HDMI.bin

JBL_L75MS_bl_app_XX.srec

STM chip upgrade file, Be used to burn STM32 firmware via STM32 upgrade tools.

Version:

WIFI-version : 0.100.990

SW Phase : EV

HW Phase : EV

MCU BL : 0.0.1.3

MCU APP : 0.20.11.2

DSP : 0.0.0.1

HDMI : 5.21.3.11

Note:

1. First version for upgrade test