MCU Software Release Notes

Link Lin
Product: JBL L75MS

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.

Hardware configuration: MP

Software builds date: Nov 24, 2021

Software Version: 0.2147.2

Milestone Status: MP

Version:

    WIFI-version : 0.100.1438

    SW Phase   : MP

    HW Phase   : MP

    MCU BL   : 0.0.1.4

    MCU APP : 0.21.47.2

    DSP   : 0.23.0

    HDMI   : 10.21.9.2

Fixed:

JBLL75MS-1350

[HDMI] While plug in HDMI cable, audio drop for 1s at the beginning with SONY TV.

JBLL75MS-1419

BT audio still playback after press streaming button on RC.

JBLL75MS-1418

GC disconnect to iPhone 11 while press play button on music player on another BT connected phone.

BLL75MS-1416

No audio output after reconnect BT by pressing source button and swap source to BT again

JBLL75MS-1413

[BT IOP]when pair with mi mix2,need RC press play button once can output audio

JBLL75MS-1411

[LED]streaming LED flash during GC playing(meet once)

Hardware configuration: MP
Software builds date: Nov 19, 2021
Software Version: 0.2146.4
Milestone Status: MP
Version:

    WIFI-version : 0.100.1433

    SW Phase   : MP

    HW Phase   : MP

    MCU BL   : 0.0.1.4

    MCU APP   : 0.21.46.4

    DSP   : 0.23.0

    HDMI   : 10.21.9.2

Changed:

1. Remove connect prompt if BT is playing when connect.

2. Add hostlink message Soundfield Expander Status and Bass Contour Status to Avatar when status change

Fixed:

JBLL75MS-116

DUT can't reconnect last paired device after switch BT source

JBLL75MS-1195

[Noise] While device wake up via power on TV in HDMI ARC source, device emit slight pop noise.

JBLL75MS-1406

[BT] Can hear a very short(<1s) audio of music before BT auto reconnected.

Hardware configuration: MP

Software builds date: Nov 11, 2021

Software Version: 0.2145.2

Milestone Status: MP

Version:

    WIFI-version : 0.100.1422

    SW Phase   : MP

    HW Phase   : MP

    MCU BL   : 0.0.1.4

    MCU APP   : 0.21.45.2

    DSP   : 0.23.0

    HDMI   : 10.21.9.2

Fixed:

JBLL75MS-1374

[UI] While GC break in BT, BT LED change to stream LED after GC playback 1s.

JBLL75MS-1220

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

JBLL75MS-1375

[Noise] Noise emit from device while disconnect/re-cast AP2 on iTunes

JBLL75MS-1320

[OTA] During OTA download, key press not disabled.

JBLL75MS-1381

[LED] After OTA, device boot up with just NET LED light(1/5).

JBLL75MS-1371

Pop noise can be heard during switch source from BT to AP2/GC on Spotify.

Hardware configuration: PV

Software builds date: Nov 5, 2021

Software Version: 0.2144.4

Milestone Status: PV

Version:

WIFI-version : 0.100.1419

SW Phase　: MP

HW Phase　: PV

MCU BL　　: 0.0.1.4

MCU APP　: 0.21.44.4

DSP　　　: 0.23.0

HDMI　　　: 10.21.9.2

Changed:

1. Trigger BT pairing prompt twice

Fixed:

JBLL75MS-1367

Pop noise can be heard after reconnect BT manually on phone side.

Version:

WIFI-version : 0.100.1419

SW Phase　: MP

HW Phase　: PV

MCU BL　　: 0.0.1.4

MCU APP　: 0.21.44.2

DSP　　　: 0.23.0

HDMI　　　: 10.21.9.2

Changed:

1. Add Prompt about BT pairing and connected

Hardware configuration: PV
Software builds date: Oct 29, 2021
Software Version: 0.2143.7
Milestone Status: PV

Version:

WIFI-version : 0.100.1412
SW Phase   : MP
HW Phase   : PV
MCU BL   : 0.0.1.4
MCU APP   : 0.21.43.7
DSP   : 0.23.0
HDMI   : 10.21.9.2

Changed:
1. Update Dsp to v23
2. Change the priority of BT.

Fixed:
JBLL75MS-1350
[HDMI] While plug in HDMI cable, audio drop for 1s at the beginning
JBLL75MS-1194
[LED] LED not dim to 50% after 5s of no activity(1/5)

Hardware configuration: PV
Software builds date: Oct 21, 2021
Software Version: 0.2142.3
Milestone Status: PV

Version:

    WIFI-version : 0.100.1402

    SW Phase   : PV

    HW Phase   : DV2

    MCU BL   : 0.0.1.4

    MCU APP   : 0.21.42.3

    DSP   : 0.23.0

    HDMI   : 10.21.9.2

Changed:

1. Update Dsp to v22
2. Change the priorities of ARC, BT and Stream
3. Add Network off mode and message to WIFI
4. Add BT connected and paring prompt message to WIFI

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