

MCU Software Release Notes

Link Lin

Product: JBL 4305P

Hardware configuration: DV1

Software builds date: Sep 29, 2021

Software Version: 0.2139.2

Milestone Status: DV1

Note:

JBL_4305P_XXX.HUI

MCU package for Primary speaker firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW package.

JBL_4305P_Secondary_XXX.HUI

MCU package for Secondary speaker upgrade, include MCU bin, DSP bin and Wisa RX FW.

JBL_4305P_bl_app_XX.srec

STM chip upgrade file, be used to burn Primary's STM32 firmware via ST-LINK

JBL_4305P_Secondary_bl_app_XX.srec

STM chip upgrade file, be used to burn Secondary's STM32 firmware via ST-LINK

Version:

Primary:

WIFI-version: 0.100.1250

SW Phase: EV

HW Phase: EV

MCU BL : 0.0.1.4

MCU APP: 0.21.39.2

DSP : 0.0.1

WISATX : 208.3

Secondary:

MCU BL : 0.0.1.5

MCU APP: 0.21.39.2

DSP: 00.00.01.

WiSA RX: 208.3

Note:

1. Build for 4305P DV1 HW.
2. Dsp change to adau1466

Link Lin

Product: JBL 4305P

Hardware configuration: EV1

Software builds date: Sep 10, 2021

Software Version: 0.2136.3

Milestone Status: EV1

Note:

JBL_4305P_XXX.HUI

MCU package for Primary speaker firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW package.

JBL_4305P_Secondary_XXX.HUI

MCU package for Secondary speaker upgrade, include MCU bin, DSP bin and Wisa RX FW.

JBL_4305P_bl_app_XX.srec

STM chip upgrade file, be used to burn Primary's STM32 firmware via ST-LINK

JBL_4305P_Secondary_bl_app_XX.srec

STM chip upgrade file, be used to burn Secondary's STM32 firmware via ST-LINK

Version:

Primary:

WIFI-version: 0.100.1250

SW Phase: EV

HW Phase: EV

MCU BL : 0.0.1.4

MCU APP: 0.21.36.3

DSP : 0.03.52

WISATX : 208.2

Secondary:

MCU BL : 0.0.1.5

MCU APP: 0.21.36.1

DSP: 03.52.00.

WiSA RX: 208.3

Note:

3. Updated dsp to v03-EV1-52.
4. Resolve several SW bugs in EE report

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Product: JBL 4305P

Hardware configuration: EV1

Software builds date: Aug, 25, 2021

Software Version: 0.2134.2

Milestone Status: EV1

Note:

JBL_4305P_XXX.HUI

MCU package for Primary speaker firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW package.

JBL_4305P_Secondary_XXX.HUI

MCU package for Secondary speaker upgrade, include MCU bin, DSP bin and Wisa RX FW.

JBL_4305P_bl_app_XX.srec

STM chip upgrade file, be used to burn Primary's STM32 firmware via ST-LINK

JBL_4305P_Secondary_bl_app_XX.srec

STM chip upgrade file, be used to burn Secondary's STM32 firmware via ST-LINK

Version:

Primary:

WIFI-version: 0.100.1250

SW Phase: EV

HW Phase: EV

MCU BL : 0.0.1.4

MCU APP: 0.21.34.2

DSP : 0.02.52

WISATX : 208.2

Secondary:

MCU BL : 0.0.1.5

MCU APP: 0.21.34.1

DSP: 02.52.00.

WiSA RX: 208.3

Note:

5. Updated dsp to v02-EV1-52.
6. Completed wireless upgrade secondary speaker function.

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Product: JBL 4305P

Hardware configuration: EV1

Software builds date: Aug, 12, 2021

Software Version: 0.2132.3

Milestone Status: EV1

Note:

JBL_4305P_XXX.HUI

MCU package for Primary speaker firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW package.

JBL_4305P_Secondary_XXX.HUI

MCU package for Secondary speaker upgrade, include MCU bin, DSP bin and Wisa RX FW.

JBL_4305P_bl_app_XX.srec

STM chip upgrade file, be used to burn Primary's STM32 firmware via ST-LINK

JBL_4305P_Secondary_bl_app_XX.srec

STM chip upgrade file, be used to burn Secondary's STM32 firmware via ST-LINK

Version:

Primary:

WIFI-version: 0.100.1250

SW Phase: EV

HW Phase: EV

MCU BL : 0.0.1.4

MCU APP: 0.21.32.3

DSP : 1.52.21

HDMI : 0.0.0.0

WISATX : 208.2

Secondary:

MCU BL : 0.0.1.5

MCU APP: 0.21.31.6

DSP: 01.52.D1.

Note:

7. Update dsp to v01-EV1-52-D1.
8. Improve Wisa control process. Add Bass switch function, Sub on/off auto control.

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Product: JBL 4305P

Hardware configuration: EV1

Software builds date: Aug, 6, 2021

Software Version: 0.2131.6

Milestone Status: EV1

Note:

JBL_4305P_XXX.HUI

MCU package for Primary MCU firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW

JBL_4305P_Secondary_XXX.HUI

MCU package for Secondary speaker upgrade, include MCU bin, DSP bin and Wisa RX FW.

JBL_4305P_bl_app_XX.srec

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

Version:

Primary:

WIFI-version: 0.100.1208

SW Phase: EV

HW Phase: EV

MCU BL : 0.0.1.4

MCU APP: 0.21.31.6

DSP : 0.1.52

HDMI : 0.0.0.0

WISATX : 208.2

Secondary:

MCU BL : 0.0.1.5

MCU APP: 0.21.31.6

DSP: 01.52.04.

Note:

9. Update dsp to v01-EV1-52-D.
10. Finish wire upgrade function
11. Some function improve

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Product: JBL 4305P

Hardware configuration: EV1

Software builds date: July, 5, 2021

Software Version: 0.2126.3

Milestone Status: EV1

Note:

JBL_4305P_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW

JBL_4305P_bl_app_XX.srec

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

Version:

WIFI-version: 0.100.1208

SW Phase: EV

HW Phase: EV

MCU BL : 0.0.1.4

MCU APP: 0.21.26.3

DSP : 0.0.1

HDMI : 0.0.0.0

WISATX : 208.2

Note:

1. Base function ready, build for EV.

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Product: JBL 4305P

Hardware configuration: EV1

Software builds date: Jun, 22, 2021

Software Version: 0.2125.1

Milestone Status: EV1

Note:

JBL_4305P_XXX.HUI

MCU package for MCU firmware upgrade, including MCU bin, DSP bin. Wisa Tx FW, Wisa Tx dfs file and secondary speaker's FW

JBL_4305P_bl_app_XX.srec

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

Version:

WIFI-version : 0.100.1155

SW Phase : EV

HW Phase : EV

MCU BL : 0.0.1.4

MCU APP : 0.21.25.1

DSP : 0.0.0.3

HDMI : 0.0.0.0

Note:

1. First version for host upgrade test

