

# Bowers & Wilkins

Firmware\_Release\_Note\_Proximity\_Board\_V16  
July 30, 2017

Owner: Tim Chen

## Version History

Date	Version	Author	Summary
Oct 28, 2016	MH8_L_V1_Release_Note	Tim Chen	
Jan 04, 2016	MH-8W_PROXIMITY_Board_V5	Tim Chen	1. Change CYPRESS chip from CY8C4014LQI-421 to CY8C4014SXI-420
Feb 07, 2016	MH-8W_PROXIMITY_Board_V7	Tim Chen	1. Fine-tune proximity function base on prototype_2 sample.
June 22, 2016	MH-8W_PROXIMITY_Board_V9	Tim Chen	1. Implement proximity function according to auto tracking baseline way.
June 24, 2016	MH-8W_PROXIMITY_Board_V10	Tim Chen	1. Enhance proximity function when wear handset and then power on.
July 18, 2016	MH-8W_PROXIMITY_Board_V11	Tim Chen	1. Fixed - The proximity function can't work when wear PX long time. 2. FW update function by I2C
July 21, 2016	MH-8W_PROXIMITY_Board_V12	Tim Chen	1. Adjustment proximity sensitivity.
July 25, 2016	MH-8W_PROXIMITY_Board_V13	Tim Chen	1. Improve - Sometime proximity doesn't work properly when wear handset power on.
July 26, 2016	MH-8W_PROXIMITY_Board_V14	Tim Chen	1. Improvement - Proximity doesn't work properly when wear handset power on.
July 27, 2016	MH-8W_PROXIMITY_Board_V15	Tim Chen	1. Fixed – The proximity will always ON after FW update.
July 30, 2016	MH-8W_PROXIMITY_Board_V16	Tim Chen	1. Improvement - Proximity doesn't work properly when wear handset power on.

## Change History

MH8_L_V1_Release_Note	
<b>Section</b>	Document creation

  

MH-8W_PROXIMITY_Board_V5_Release_Note	
<b>Section</b>	1. Change CYPRESS chip from CY8C4014LQI-421 to CY8C4014SXI-420

  

MH-8W_PROXIMITY_Board_V7_Release_Note	
<b>Section</b>	1. Fine-tune proximity function base on prototype_2 sample.

  

MH-8W_PROXIMITY_Board_V9_Release_Note	
<b>Section</b>	1. Implement proximity function according to auto tracking baseline way.

  

MH-8W_PROXIMITY_Board_V10_Release_Note	
<b>Section</b>	1. Enhance proximity function when wear handset and then power on.

  

MH-8W_PROXIMITY_Board_V11_Release_Note	
<b>Section</b>	1. Fixed - The proximity function can't work when wear PX long time. 2. FW update function by I2C

  

MH-8W_PROXIMITY_Board_V12_Release_Note	
<b>Section</b>	1. Adjustment proximity sensitivity.

  

MH-8W_PROXIMITY_Board_V13_Release_Note	
<b>Section</b>	1. Improve - Sometime proximity doesn't work properly when wear handset power on.

  

MH-8W_PROXIMITY_Board_V14_Release_Note	
<b>Section</b>	1. Improvement - Proximity doesn't work properly when wear handset power on.

MH-8W_PROXIMITY_Board_V15_Release_Note	
<b>Section</b>	1. Fixed – The proximity will always ON after FW update.

MH-8W_PROXIMITY_Board_V15_Release_Note	
<b>Section</b>	1. Improvement - Proximity doesn't work properly when wear handset power on.

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## 1. Overview

This release is the firmware that support left side proximity function for MH-8W PP/MP build.

## 2. Changes of this release

- Improvement - Proximity doesn't work properly when wear handset power on.

## 3. Versions of the firmware

Name	Version	Date	Description	Note
FW	V16	2017/07/30	-	

## 4. Enabled functions

- Proximity function
- I2C slave function (CSR can use I2C to read proximity raw count, set the threshold and set sensitivity)

## 5. Functions under development

## 6. Known issues

NO.	Description	Note
1		
2		
3		
4		
5		
6		