

Version Update

Date	Version	Description
2017/6/9	V04.28U	1. Update the protocol stack 2. Add easy programming function

Firmware Release Note

File Creation Date:	Jun 9th, 2017
File Name:	RN_HDL-MPT1(2-3-4)-RF.18_V04.28U(2017-03-09).pdf
Product Name:	HDL-MPT1(2-3-4)-RF.18
Firmware version:	HDL_V04.28U_2017/03/09
Hardware version:	MPT1-RF.18: HDL-1248A MPT2-RF.18: HDL-1249A MPT3-RF.18: HDL-1250A MPT4-RF.18: HDL-1055B

A. New functions

1. Update the protocol stack
2. Add easy programming function

B. Fixed bugs

None

C. Known issues

None

Firmware Release Note

File Creation Date:	Oct 24 th , 2016
File Name:	RN_HDL-MPT1(2-3-4)-RF.18_V04.25U(2016-10-09).pdf
Product Name:	HDL-MPT1(2-3-4)-RF.18
Firmware version:	HDL_V04.25U_2016/10/09
Hardware version:	MPT1-RF.18: HDL-1248A MPT2-RF.18: HDL-1249A MPT3-RF.18: HDL-1250A MPT4-RF.18: HDL-1055B

C. New functions

None

D. Fixed bugs

The firmware can solve the mis-trigger problem. About the panel sensitivity, suggest to set 90%

C. Known issues

None

Firmware Release Note

File Creation Date:	Aug 18 th , 2016
File Name:	RN_HDL-MPT1(2-3-4)-RF.18_V04.25U(2016-07-18).pdf
Product Name:	HDL-MPT1(2-3-4)-RF.18
Firmware version:	HDL_V04.25U_2016/07/18
Hardware version:	MPT1-RF.18: HDL-1248A MPT2-RF.18: HDL-1249A MPT3-RF.18: HDL-1250A MPT4-RF.18: HDL-1055B

E. New functions

None

F. Fixed bugs

This firmware can solve the communication jam problem

C. Known issues

None

Note: the new firmware is used for the new pcb of MPT4-RF.18, if your HDL-MPT4-RF.18 is old pcb and use this new firmware to upgrade, will have error and need to send back to solve.

When you use the online upgrade, and then please click 'Read Device Type', if display 'ATxmega128D4_5054_01', it is old pcb; if display 'ATSAMD20G17_MP4TE_RF', it is the new pcb and you can use the new firmware to upgrade it.

Firmware Release Note

File Creation Date:	May 24 th , 2016
File Name:	RN_HDL-MPT1(2-3-4)-RF.18_V02.20U(2016-05-23).pdf
Product Name:	HDL-MPT1(2-3-4)-RF.18
Firmware version:	HDL_V02.20U_2016/05/23
Hardware version:	MPT1-RF.18: HDL-1248 MPT2-RF.18: HDL-1249 MPT3-RF.18: HDL-1250 MPT4-RF.18: HDL-1055

G. New functions

Update the wireless protocol stack, the communication will be more stable

H. Fixed bugs

This firmware can avoid the device resetting

C. Known issues

None

Note:

1. About the MPT2-RF.18, in order to avoid the false trigger, you need to use the tool to scrape the position 1 and 3's copper paints. Later, cut off position 2 and 4, it is shown as below. It is used for separating left, middle and right part of circuit.



2. About the MPT2-RF.18 and MPT3-RF.18, we suggest to set the first button's sensitivity value to the 85%, if the value is too low, will not have the reaction, if the value is too high, it will be too sensitive.

Firmware Release Note

File Creation Date:	Jul 16 th , 2015
File Name:	RN_HDL-MPT4-RF.18_V01.05U(2015-06-30).pdf
Product Name:	HDL-MPT4-RF.18
Firmware version:	HDL_V01.05U_2015/06/30
Hardware version:	HDL-001055

A. New Functions

Use new encryption

Strengthens the communication capacity, improves the success rate of communication.

B. Fixed Bugs

None

C. Known Issues

None

Upgrade Instruction:

Because of the difference between old encryption and new encryption, please pay attention to the below instruction when upgrade:

- 1- change the gateway, wireless panels' PSK PWD to 10000
- 2- upgrade gateway, wireless panels with the provided firmwares respectively.
- 3- the user can decide whether to upgrade or not, if upgrade one device, need to upgrade all the rest, otherwise can not communicate with each other.

Note: if you get the wireless panels after 2015-07-01, the PSK PWD can be customized by user. But if the system has the old panels(got it before 2015-07-01), all wireless devices need to use the fixed PSK PWD-10000.