Honeywell

Customer Advice Note CAN 181

MPI V13.05 Production Release

Date: July 2023

Introduction

Welcome to the Customer Advice Note no. 181, where we are excited to announce a significant firmware update for the Honeywell MAXPRO Intrusion range of Intruder control panels. Our dedication to continuous product improvement has led us to introduce version 13.05 of the controller firmware, packed with new updates and features to enhance your MAXPRO Cloud experience.

In this document, we will take you through the key changes and improvements brought about by the v13.05 update, building upon the previous version (v12.04). As part of this update, we are proud to introduce a new wireless portal, the **MPIWLTXAL**, which promises to elevate how you install your MAXPRO Intrusion system. Additionally, we have incorporated RF detection to bolster the system's capabilities further.

Read on to explore the exciting advancements and optimizations that will elevate the performance and security of your Honeywell MAXPRO Intrusion control panels.

Availability

Please note that we have released a new MPI Controller Firmware version 13.05 to MAXPRO CLOUD EU on 23rd of July 2023. Please login and check your MPI Controller Overview for new firmware availability.
URL: https://mymaxprocloud.eu/MPC

All customers who have EU Controller firmware v 8.19 or above can update to v13.05. If the firmware version of the controller is older than V8.19, then the controller must be updated to V8.19 first and then updated to V13.05.

Controller Firmware version: 3000EU.100.013.05,
2000EU.100.013.05, 2100EU.100.013.05

Minimum supported peripheral versions for Controller Firmware version **7.44**

AMS	**0.9.7**
ZE	**0.4.3**
RM	**0.6.2**
DCM	**91.06**
PSU	**1.1.3**

Attention Note Firmware Update:

- During firmware update power will be removed from panel AUX 1 and AUX 2 supply. AUX 3 / Ext siren will drop from 12v to 7v this may have an impact on the connected device, panel outputs will disengage for the duration of the update maximum 3 mins.

- Panel firmware update to V13.05 will take around 30mins as Operating System & firmware application are part of the update. **Please note** during this process it is not recommended to enter and exit Engineer Mode (Installer Mode) from MPC.

- After firmware update of panel is complete, system will automatically download peripheral firmware updates for (AMS/DCM/ZE/RM/PSU) if required. Once all peripheral firmware is downloaded then a further authorization is required from Keypad (AMS) to update these peripherals.

  o Time taken to download Keypad AMS firmware is **4.5 hrs**
  o Time taken to download other Peripheral's firmware is **20 mins** per device.
  o Example MPI 2000E with 1 x Keypad AMS, 3 x Zone Expanders and 3 x DCM would be 4.5 hrs + 60 mins + 60 mins = **6.5 hrs**
  o **Note**: Authorization message for peripheral update will only occur after this time period. In the example above peripheral authorization will occur after 6.5hrs as an example.

- **Important:** For the duration of the update an AC supply must be available for Main Control Unit and Remote Power Supplies. Updates cannot be carried out on back up battery.

Products

MPIP2000E/ MPIP2100E/MPIP3000E / MPIWLTXAL

New Feature Release Details:

1. Provision to configure MPI RF Portal (MPIWLTXAL) from MPC.

2. Provision to configure Domonial RF sensors from MPC. Capability to manage Multiple (Alpha + V2) Domonial Rf sensors.
3. RF Sensor Auto Enrollment.
4. RF Sensor Manual Configuration. Post configuration, panel should be put in Installer mode and sensor battery should be removed and put back to complete enrollment.
5. Provision to configure wireless sensors from MPC. with new Response types [24hr High Temperature (Refrigerant), 24hr Low Temperature, 24hr Water response].
6. Support for delete of Rf sensor, RF transceiver and replace RF transceiver.
7. Handling Tamper Condition of sensors and receiver.
8. Handling Supervision Condition between Panel and Sensors via Transceiver.
9. MPI panel to support RF Activity monitoring every 20mins (per EN Grade 2) and Prevent Setting of Area in case of failure.
10. Radio Frequency Diagnostics for Sensors.
11. Transceiver Jamming Event.
12. RF Walk test support.
13. Sensor Low Battery Support.
14. Two zones with the same serial number can be configured provided they have different loop numbers.
15. Remote Firmware Update of transceivers.

Field issue fixed:

1. Ethernet port not working randomly after panel upgraded from 8.19 to 12.04.
2. MPI Installer and Master Credential not working, when the MPI is offline after restart, Due to time sync between panel and NTP failed.
3. MPI controller Date & Time shows past date and time (Year, date and time shows 2022) randomly for few items in RRI Diagnostics log.

Updated FW Versions:

Product Model	FW Versions
MPIP3000E / MPIP2000E / MPIP2100E – BSP Version	7.11r4
MPIP3000E / MPIP2000E / MPIP2100E – FW Version	100.013.005
MPIEIO84E – Zone Expander	1.0.1
MPIWLTXAL – RF Transceivers	0.4.4
MPIEOP4 – Relay Module	1.0.2
MPIPSU35 – Smart PSU	1.1.5
MPIDC1 - DCM	1.1.4
MPIKTSPRX - AMS	1.3.3
MPIKTSMF – AMS	1.3.3
MPILTEE - Cell Radio	01.000.02
MPICRX	1.0.0.507
MPC- MPI Version	6.4.03
MPC Version	6.4.24

Supported RF Sensors:

Sensor Model	Description
DET8M	RF H2O and temp sensor; FO; Residential; C3
DO800M2	ALPHA DOOR/WINDOW CONTACT
DO8M	RF magnetic Door/Window contact
DODT8M	RF Door/Window CONTACT+ONE HW INPUT–ALPHA
IR8M	RF PIR [Motion Sensor]
IRPI8M	RF PIR/Pet Immune [Motion Sensor]
SHKC8M	RF shock sensor with Door/Window Contact
DT8M	RF DUAL MOTION SENSOR
DTPI8M	RF DUAL MOTION SENSOR with pet Immune
FG8M	RF Glass Break Detector
SHK8M	RF Vibration Sensor
DF8M	RF Optical Smoke Sensor
CO8M	RF Carbon Monoxide Detector

Open Issue with MPIWLTXAL:

- Occasional module missing & restore is observed over fully loaded MPI panel with 92 peripherals (8 RF portals included), 192 RF sensors.

For further enquires contact technical support or your local sales representative

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Hardware	n
Reporting	y
Standards and Legislation	y
Part Numbers Affected	y

Miscellaneous Changes	y
Signaling Changes	n
Technical Changes	y
Programming	y