



MXK 1000T

Transponder_사용자 메뉴얼



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1. Specification

Main power supply

A.C.	AC 220V/50~60Hz
D.C.	28V/2.5A, 5V/3A(Default)

Battery

Capacity	12V/4Ah (2 Lead Acid Batteries)
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Housing type – Wall mounted

Size	400(W)×500(H)×147(D)
Material	Metal plate

Capacity

Loop	4 Loops per transponder
I/O modules	250 each per loop
Circuit	2, 4 Points per I/O module
Maximum number of circuits	4 Loops × 250 Addresses × 4 Points = 4000 circuits

Key & LED (programmable)

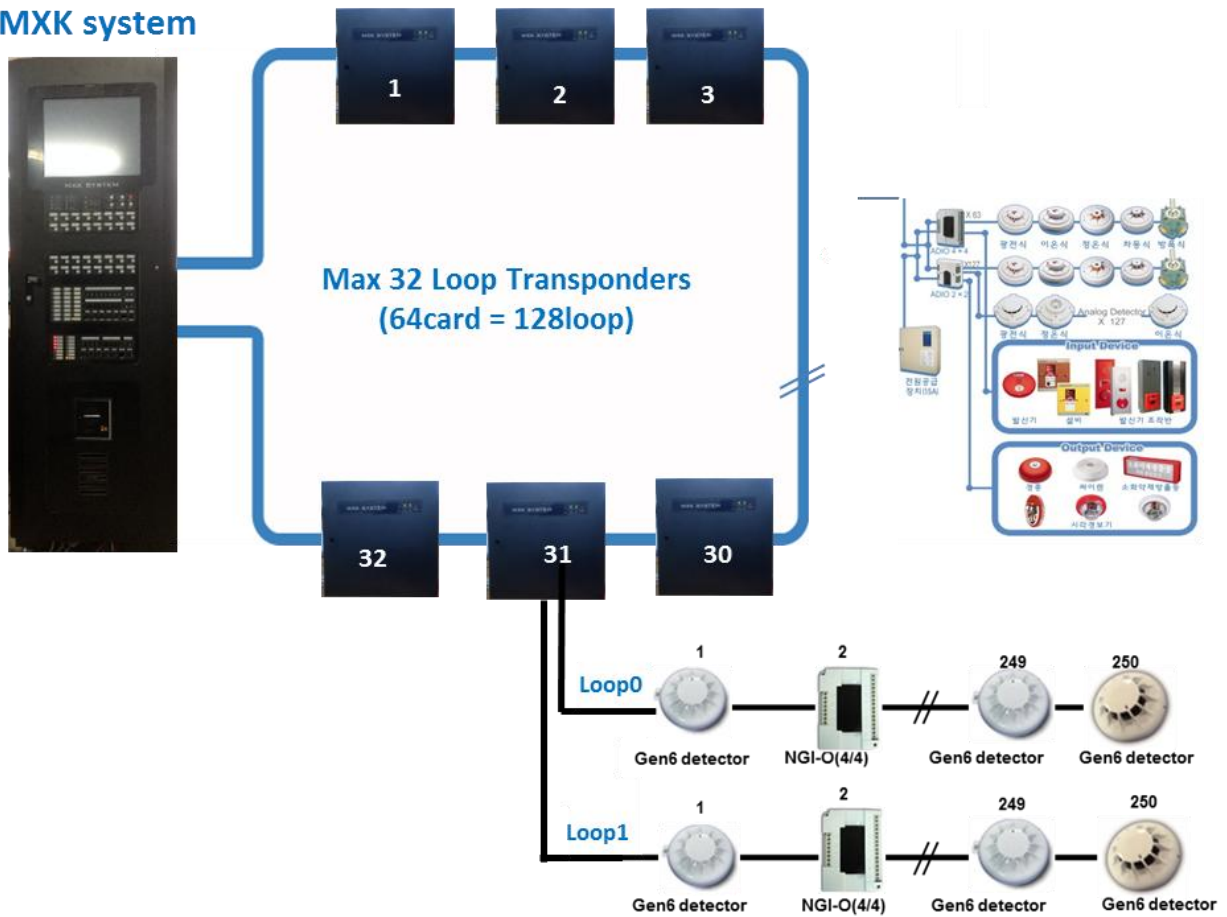
Battery Test Key	1 key
status LED	7 LEDs

Communication port

No	Method	Purpose
1	RS-485	FCP Normal, FCP Back

2. System Configuration Diagram

MXK system

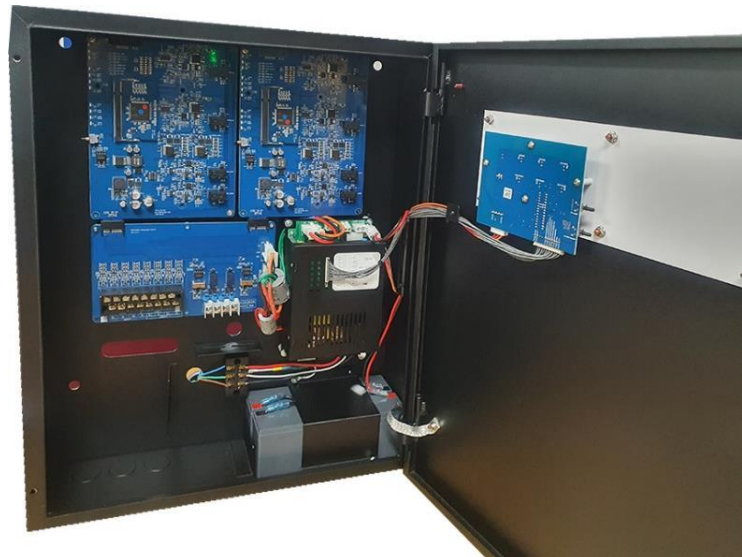


3. Transponder Images



<Front of Loop Transponder>

The picture above shows the front of loop transponder. When a power is applied to the transponder, a LED works to show the state of the transponder on the front. It allows users to know the state of the transponder.



<Inside of Loop Transponder>

4. Description of front LEDs

Displaying the state of transponder



The table below describes each LED.

Name	Color	Description
CPU RUN	GREEN	FCP CPU Run
Normal circuit voltage	GREEN	It's on when main voltage is normal at 27V / Its fault turns off this LED.
Normal AC Power	GREEN	It's on when AC power is normal / AC power shut-down turns off this LED
Normal Battery Voltage	GREEN	It's on when main voltage is normal at 27V / When the battery voltage is at 22.6~28.7V, it's off.
Battery Power Error	RED	When battery is normal, it's off/ Battery's fault like wrong wiring, defects, short fuse turns on the LED.
Battery Power Low	RED	When battery is normal, it's off / Battery's voltage is low (ex. 19.2~22.5V), the LED is on.
Battery Power High	RED	When battery is normal, it's off / Battery's voltage is high (ex. more than 28.8V), the LED is on
Battery Power Test Switch	TACT	While PSU250 is showing a normal operation and the switch is being pushed, battery discharge test is running. When battery power is working or battery has a fault, the switch doesn't work.