



**PLEASE READ THE FOLLOWING BEFORE INSTALLING**

**Step-by-Step Instructions**

1. Record Serial Number located on back of panel
2. Ensure wiring min. specs are met:
  - a. **We strongly recommend using PoE for power.** Extension cables cannot be spliced into the transformer. For all runs longer than the provided 12vdc transformer, you must use PoE+ for power. If using the 12 vdc transformer, UPS is required.
  - b. Internet: CAT5e/6 < 300' to router/switch.
  - c. REX: Terminate to access control system OR introduce isolation relay with 12vdc adapter to wire to electric strikes.
3. Secure the panel by locking the key latch.
4. Call ButterflyMX support and provide serial number

**Guidelines**

1. **NO AC POWER**
2. Confirm network communication from mount point to main headend
3. For retrofit installations, check existing wiring for the network and power.
4. **BMX provides the following:**
  - Smart Intercom
  - Latch key for intercom
  - 12 VDC transformer
5. **BMX does not provide:**
  - Cat cable
  - Rex line
  - UPS device
  - Extension cable for power
  - Isolation relay
  - 12 VDC adapter for isolation relay
  - Diodes (DC locks)
  - Resistors (AC locks)
  - POE+ capable network switch or injector
6. Provide room behind the mounting location for excess wiring
7. Never introduce two power sources for lock release in parallel
8. Recessed installations require proper silicone sealant

**Power Supply**

AC to DC transformer  
Input: 100-240V AC (mains)  
Output: 12V  
Locking barrel connector

**Power Cable**

USA: NEMA 5-15 (typical 3-prong male)  
IEC320-C13 (to power supply)

EU: [not shown]  
CEE 7/4, Type F ("Schuko plug")  
IEC320-C5 (to power supply)

**Uninterrupted  
Power Supply  
(UPS)**

Minimum specs:  
600VA / 300W

**Panel Keys (2)****Installation:**

1. Connect Ethernet to just ONE of the available ports
2. Connect the panel's relays to the building's door strike and/or access control system
3. Connect Panel to POE+ **OR** > Power Supply > UPS > Wall Outlet

The Panel will start up like a computer. After loading, you should see the ButterflyMX software.

**Test Relays:**

5. Select "**DOOR PIN**" in the ButterflyMX software
6. When asked for apartment number, enter "**01**"
7. For PIN, enter "**1234**"

If successful, you will hear a chime from the panel and a click from the relays. The door strike (or other connected system) should respond.

**Do not leave without calling support!**

8. Call the ButterflyMX Support team, who will remotely set up the panel for this specific property.