ButterflyMX

Touchscreen Packing Sheet & Installation Guide For Outdoor Intercom

INST-Panel-Installation-Guide-v16-2022-07-20-US-EN

SUPPORT:
P: **(800) 398-4416 ext. 2** (Mon-Fri, 6am-10pm EST)
E: **support@butterflymx.com**

PLEASE READ THE FOLLOWING BEFORE INSTALLING

Step-by-Step Instructions	Guidelines

Step-by-Step Instructions

1. Record Serial Number located on back of panel

2. Ensure wiring min. specs are met:

    a. Power: 18/2 awg <50'. Must be power conditioned by UPS.
    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. **ButterflyMX provides the following:**
   - Smart Intercom
   - Latch key for intercom
   - 24 VDC transformer

5. **ButterflyMX 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)
   - M4 countersink screws for backbox/ backplate

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

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Power Supply
AC to DC transformer
Input: 100-240V AC (mains)
Output: 90 watts / 24V
Locking barrel connector

Uninterrupted Power Supply (UPS)

Minimum specs:
600VA / 300W

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)

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 > 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.