Umbra

User/Programming Guide -
UM-6107W 120v Wireless Siren/Repeater v1.0
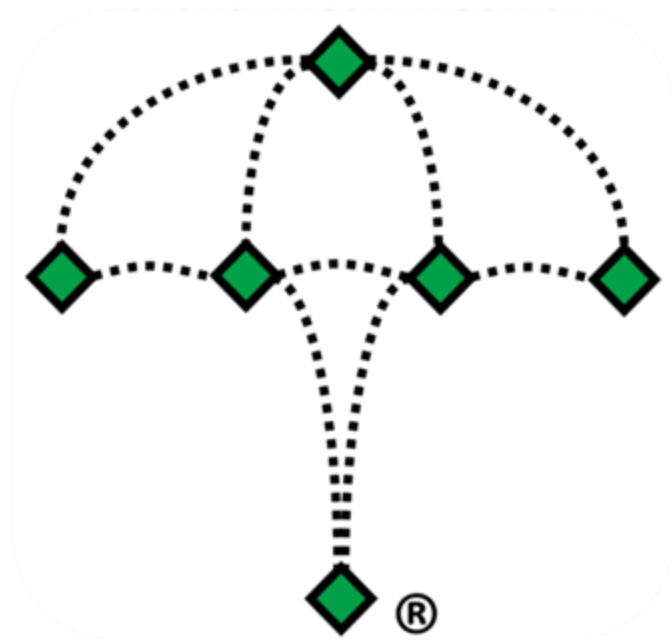### Brought to you by www.UmbrellaMeshNetwork.com

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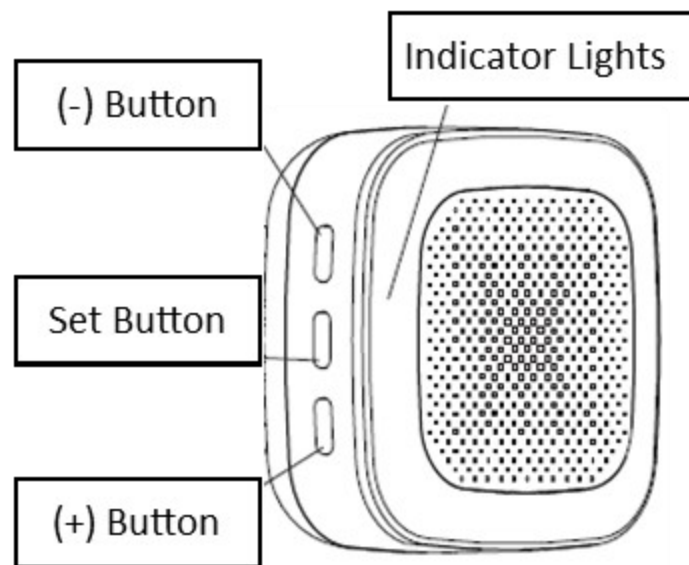**This guide is to be used for using & programming of the Umbra UM-6107W Wireless Siren Repeater**

For further info, please contact
Your installer

Table of Contents

The Umbra UM-6107W Wireless Siren Repeater

- The Umbra UM-6107W Wireless 110v indoor plug-in Siren repeater for the Umbra Legacy and Umbra Integral.

- Used as a siren only, the unit can be set by the alarm panel to sound during alarm activation, as an alarm notification for arm/disarm or both.

- When used as a repeater the unit can repeat up to 32 wireless remotes, detectors sensors and additional sirens

- Up to 5x units can be used in a chain to form up to 5 repeater hops, drastically increasing range

- The layout of the device with the associated indicators and function keys is shown below.

Indicator Lights

(-) Button

Set Button

(+) Button

First time power on

- If the UM-6107W Wireless siren repeater came in an Umbra Kit, the device will already be learned into the alarm panel and will function as soon as plugged in within the range of the panel.

- To enroll the UM-6107W Wireless siren repeater please follow the instructions on the next page
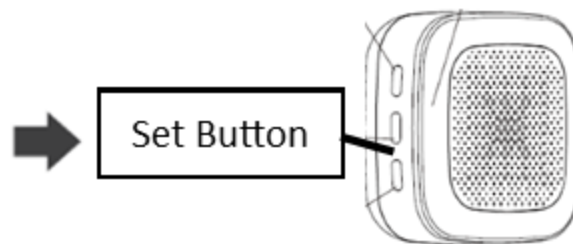
Enroll Wireless Siren into Umbra Legacy—1 slot available

To enroll into the Umbra Integral panel –please contact your installer

- With the Umbra Legacy panel in the disarmed state, press and hold the "Enroll" button for 3 seconds. The panel will emit the "correct operation" short "Di" and then press the "Enroll" button again 3 times to get to the Siren slot. The display will flash "S1" if the slot is available. If the slot is not available, the display will show "S1" steady.

- If a siren is already learned into the slot, press and hold the WiFi button for 3 seconds to delete.

- To enroll a siren into this slot if it is available, trigger the siren's enroll button by pressing "Set" 3 times

Set Button

1. Press "enroll" for 3s,

   then press again x3 for Siren

2. Trigger Siren Enroll by pressing "set" x3

3. Enroll Succeeded

Light Indicators

The Umbra UM-6107W Wireless Siren Repeater has a number of light indications to inform the user via visual prompt of the reaction of the unit to certain functions. These are listed below.

- **Single Red LED at top Flash once** = Repeated Sensor

- **Solid Red (group 1)** = Enrolling status—Enrolled

- **Flashing Red (group 1)** =
    Alarm Trigger/Enrolling status—Slot empty

- **Solid Red (group 2)** = Repeater mode on
- **Flashing Red (group 2)** = Alarm Trigger/Repeater mode off

- **Solid Blue All** = Standby Light

- **Solid Blue (group 1)** =
    Standby Light/Detector Enrollment status—Enrolled
- **Flashing Blue (group 1)** =
    Alarm Trigger/Detector Enrolling status—Slot empty

- **Solid Blue (group 2)** = Alarm time 3 min
- **Flashing Blue (group 2)** =
    Alarm Trigger/Standby Light/Alarm time 30 Seconds

- **Solid Violet** =
    Replicate Siren Address/Repeater Enrolling status—Enrolled
- **Flashing Violet** =
    Repeater Enrolling status—Slot empty

- **Flashing All Lights** = Powering up

- **Flashing Red & Blue** = Alarm Trigger

Sound Indicators

The Umbra UM-6107W Wireless Siren Repeater has a number of sound indications to inform the user via an audible prompt of the reaction of the unit to certain functions. These are listed below.

- **1 Short "Di" =** Arm/Correct operation

- **2 Short "Di, Di" =** Correct Operation/Disarm

- **5 Short repeating "Di, Di, Di, Di, Di" =**

  Wrong operation/Already enrolled

- **Continuous ringing =**

  Tamper triggered/Alarm Activation

Caution!

The following pages are instructions for
Programming and adding/removing devices
Device changes should only occur after contacting your
Security Alarm Service Provider.

Programing

Standby Light (Blue)
- Under Standby Status, short press "set" button x2 to turn on/off Standby light
- With Standby light on, press "+" or"-" to adjust brightness level of standby light

Programing Cont...

Enroll Sensor to repeater

- Under Standby Status, long press "Set" until Red Indicator is flashing
- Short press "set" 2x until Violet indicator is lit or flashing.
- If Violet is flashing, trigger sensor to enroll to repeat and the Violet light will stop flashing and remain steady.
- Press "+" to enroll into next available slot
- When a slot is available, the Violet light will change from solid to flashing.
- Trigger next sensor and the violet light will again stop flashing and remain steady.
- If 5 short "Di's" are heard, the sensor is already learned into the repeater
- To delete a sensor from the repeater, press and hold "+" while the violet light is steady and it will return to flashing once deleted.
- Press "set" x4 to exit

Enroll Smart Socket to repeater

- The smart socket must first be learned into the alarm panel via the app.
- Follow the steps to enroll a sensor to the repeater
- When ready to trigger—**use the UmbraAlarm app** to turn on or off the smart socket to trigger enrollment.
- The lighting control module cannot be triggered to enroll by pressing the onboard on/off and **must** be enrolled via the app on/off functions
- Press "set" x4 to exit

Turn on/off Repeater function

- Under Standby Status, long press "Set" until Red Indicator is flashing (group 1)
- Short press "set" 3x until group 2 Red indicator is lit or flashing
- Steady red indicates repeating function is turned on
- Flashing red indicates repeating function is turned off
- Press "+" or "-" to switch between on or off
- Press "set" x3 to exit

Set Siren Time

- Under Standby Status, long press "Set" until Red Indicator is flashing (group 1)
- Short press "set" 4x until group 2 Blue indicator is lit or flashing
- Steady blue indicates Siren time is 3 minutes
- Flashing blue indicates Siren time is 30 seconds
- Press "+" or "-" to switch between 30 seconds or 3 minutes
- Press "set" x2 to exit

Set Siren alert color

- Under Standby Status, long press "Set" until Red Indicator is flashing (group 1)
- Short press "set" 5x until solid indicator is lit
- Press "+" or "-" to switch between colors
- Blue = Blue Flashing
- Red = Red Flashing
- Violet = Red and Blue flashing alternating
- Press "set" x1 to exit"

Additional Programming

Copy Siren Address

- Under Standby Status, long press "-" AND "Set" buttons together until single "Di" sounds and light is steady or flashing

- Flashing indicates Factory address is in use and steady indicates the unit is using an address copied from another siren.

- To replace the factory address with the primary address on a siren that is currently learned into a panel, short press the "set" button x3 on the primary siren to transmit the address to the additional siren that is in copy address mode.

- This feature is to be used to add additional sirens to the panel.

- Only one address can be learned into the panel, so any additional sirens need to have received the primary siren address information to function.

- If light is solid and the copied address needs to be removed, press and hold the "-" button until the indicator flashes.

- Short press "Set" button once to exit copy mode.

Repeating additional Siren/additional repeater

- To repeat an additional siren, it must have the address of the primary siren that is learned into the panel first by following the "copy siren address" above. Then it can be added to the repeater by following the steps to "enroll sensor to the repeater"

- Under Standby Status on the additional siren, short press "set" button x3 to send enrollment configuration to repeater that is in sensor enrollment status.

- A long-range repeater can also be added to the siren/repeater extending the range even further with up to 5x repeater hops.

- **Please see Caution concerning repeaters on next page.**

Restore Siren Factory Default

- Under Standby Status, long press "+" AND "-" buttons together until x2 "Di" sounds indicating siren is now restored to factory default.

Caution when using repeaters

Although multiple repeaters can be used to form an extended range, it is not recommended that any life saving devices such as medical buttons, smoke detectors or CO detectors be used through a repeater on a repeater.

In the event of a power failure, the 110v plug in siren/repeaters <u>do not</u> have built in battery backup and will not function.

Solar siren/repeaters will still function during a power fail by utilizing their internal battery, but it is still recommended that life saving devices connect directly to the panel.

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