



URC Current Sensor SEN-CMF

*for use with MRX units
containing sensor ports*



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Introduction

Thank you for purchasing URC's Current Sensor (SEN-CMF) for use with URC devices containing sensor ports such as the MRX-1, MRX-2, MRX-4SEN, MRX-10, etc. The installed sensor detects AC current in power cords and AC magnetic fields from devices. After current is detected, a signal is sent to a connected MRX unit triggering an event for your connected components such as dimming lights, or playing music. The Total Control sensor can also track a device's power state.

Features & Benefits

Detects current

Senses AC current in power cords and AC magnetic fields created by audio/video components. The adjustable cord guide allows for flat and round power cords of various sizes.

Complete Control Compatible

Works with any MRX unit containing a sensor port to detect the state of the sensor when queried.

Total Control Compatible

Pre-programmed by your Custom Installer, an activation signal transmits to the MRX unit with sensor ports, which triggers an event (series of commands).

Parts Guide

The Current sensor package includes:

- | | |
|--------------------|----------------|
| 1 - Current sensor | 1- Sensor head |
| 1 - Owner's Manual | 1 - Clasp |
| 2 - Cord guide | 2 - Screws |

Current Sensor Descriptions



Current sensor: The sensor head detects AC current from power cords, round and flat, as well as AC magnetic fields, when placed on a device.

Status LED: Glows green while connected to an MRX sensor port and glows amber when detecting current.

Delay: Adjust counter-clockwise to reduce the amount of time before sensor turns Off once current is no longer present.

Sensitivity: Adjust counter-clockwise to reduce the sensitivity level; the lower the sensitivity, the harder the sensor is to trigger. Increasing the sensitivity makes it easier to trigger.

3.5mm plug: Connect the 3.5mm plug to a sensor input of a unit such as a MRX-10, MRX-4SEN, MRX-1 etc.

- Tip: Voltage Trigger Output
- Ring 2: 5VDC Power Input
- Ring 3: NC (Not connected)
- Ring 4: Ground.

Note: The sensor can be extended up to 120ft (3.5mm plug side) with a two-conductor cable.

Installation Diagram

- 1 Connect the **3.5mm plug** to a **sensor port** on the **MRX unit**.



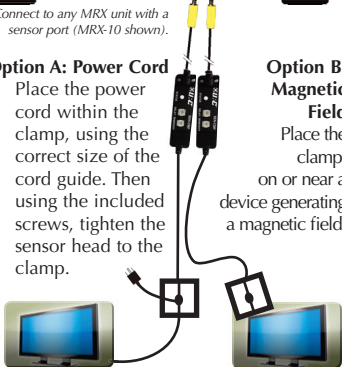
Connect to any MRX unit with a sensor port (MRX-10 shown).

- 2 **Option A: Power Cord**

Place the power cord within the clamp, using the correct size of the cord guide. Then using the included screws, tighten the sensor head to the clamp.

- 2 **Option B: Magnetic Field**

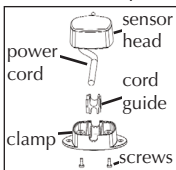
Place the clamp, on or near a device generating a magnetic field.



- 3 Adjust the **sensitivity** and **delay** of the sensor.

Affixing to a power cable

- 1 Remove and examine the cord guide to fit the component's power cord.
- 2 Place the cord guide inside of the clamp.
- 3 Place the power cord onto the cord guide.
- 4 Affix the sensor head to the clamp.
- 5 Use the included screws to secure all parts.



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