

Dual-technology Maestro® Sensors

Superior in-wall sensors featuring Lutron XCT™ sensing technology

NEW
No neutral dual-tech



Sensor switch



Dual-circuit sensor switch

Helps meet building codes

- Title 24 2013
- ASHRAE 90.1 2010
- IECC 2012

- **XCT sensing technology with cross-correlation**

- Enhanced ultrasonic and passive infrared (PIR) technology in the Maestro sensor keeps lights on and reduces false ons
- Best of both technologies – no callbacks

- **Durable design with modern, clean aesthetic**

- Tamper-resistant lens
- 30+ year switch lifetime
- Available in 27 colors

- **Ideal for retrofit – no neutral required**

Lutron dual-technology Maestro® sensors minimize callbacks

XCT™ technology with cross-correlation — won't leave you in the dark

Lutron XCT technology can recognize the difference between fine human motion and background noise.

✓ Very Fine Motion



Minimal movements like typing on a keyboard

✓ Fine Motion



Small movements like flipping pages of a book

✓ Minor Motion



Movements like extending your arm

✓ Major Motion



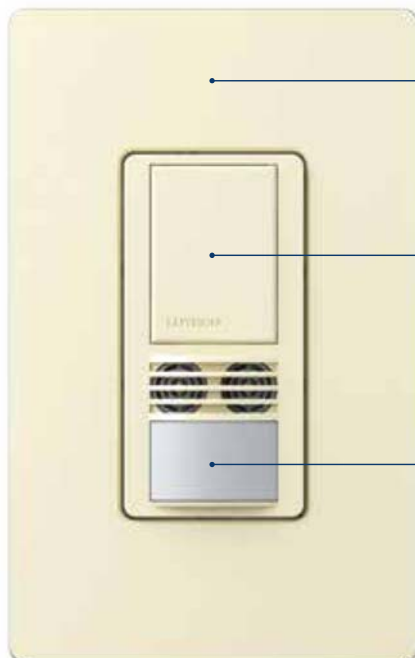
Person walking 3 feet

NEW!

XCT technology now available for dual-technology sensors.

Dual-technology sensors use PIR and ultrasonic technologies together for maximum sensitivity.

Lutron sensors are engineered with robust components, and combined with award-winning aesthetics



Available in
27 colors

**30+ year
switch lifetime**
(250,000 on/off
switch cycles)

**Tamper-resistant
lens**

Gloss colors:

- | | |
|--|-------------------------------------|
| <input type="checkbox"/> White (WH) | <input type="checkbox"/> Gray (GR) |
| <input type="checkbox"/> Ivory (IV) | <input type="checkbox"/> Brown (BR) |
| <input type="checkbox"/> Almond (AL) | <input type="checkbox"/> Black (BL) |
| <input type="checkbox"/> Light Almond (LA) | |

Satin Colors®:

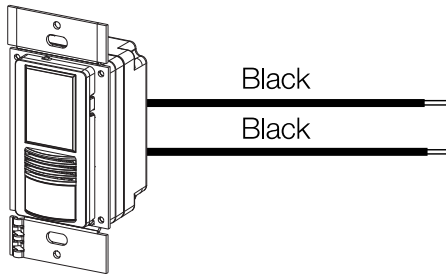
- | | |
|--|--|
| <input type="checkbox"/> Hot (HT) | <input type="checkbox"/> Taupe (TP) |
| <input type="checkbox"/> Merlot (MR) | <input type="checkbox"/> Eggshell (ES) |
| <input type="checkbox"/> Plum (PL) | <input type="checkbox"/> Biscuit (BI) |
| <input type="checkbox"/> Turquoise (TQ) | <input type="checkbox"/> Snow (SW) |
| <input type="checkbox"/> Sea Glass (SG) | <input type="checkbox"/> Palladium (PD) |
| <input type="checkbox"/> Midnight (MN) | <input type="checkbox"/> Mocha Stone (MS) |
| <input type="checkbox"/> Sienna (SI) | <input type="checkbox"/> Goldstone (GS) |
| <input type="checkbox"/> Terracotta (TC) | <input type="checkbox"/> Desert Stone (DS) |
| <input type="checkbox"/> Greenbriar (GB) | <input type="checkbox"/> Stone (ST) |
| <input type="checkbox"/> Bluestone (BG) | <input type="checkbox"/> Limestone (LS) |

Dual-technology Maestro® sensor product information

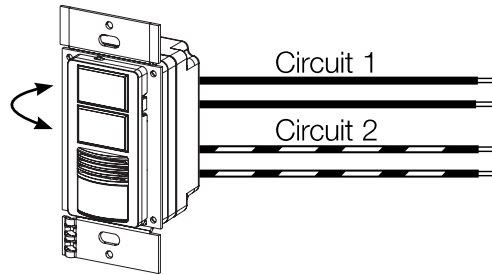
Mistake-proof wiring

NEW No neutral required model

- Installs fast — versions with or without neutral wire
- No polarity for line or load wiring
- Any voltage — 120-277V, any phase or mixed phases — A, B, or C
- For 3-way control with an existing switch, use neutral-required model



Sensor switch



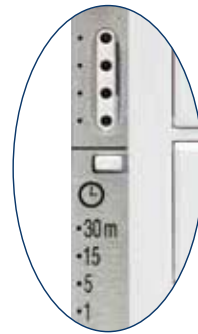
Dual-circuit sensor switch

Easily reassign circuits

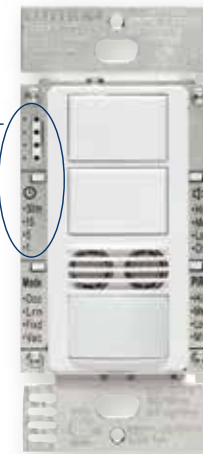
Change circuits with a simple button press—no rewiring required

Easy set up

- Independent setting per circuit
- Easy to see LEDs indicate settings
- No dip switches or dials
- Simple button press to change settings
 - Timeout
 - Sensitivity (ultrasonic)
 - Sensitivity (PIR)
 - Mode
 - Occupancy
 - Ambient light detection (learning)
 - Ambient light detection (fixed)
 - Vacancy



LEDs and a settings button



Controls all lighting and fan loads



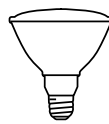
LED



CFL



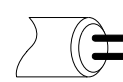
Incandescent/
halogen



Magnetic low
voltage



Electronic
low voltage



Fluorescent



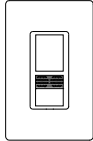
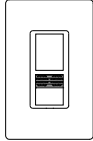
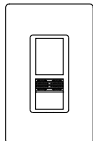
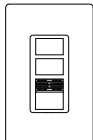
Fan

120V to 277V, 6A

4.4A
(120V only)

Ordering information

Dual-technology Maestro® occupancy/vacancy sensors

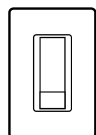
Models	Model number	Specifications	Voltage
No neutral required (shipping 7/1/14)			
	MS-A102-XX ^{1,2}	Single pole Single-circuit model 6 A lighting 4.4 A fan (120V only)	120-277V~
	MS-A202-XX ¹	Single pole Dual-circuit model 6 A lighting per circuit 4.4 A fan (120V only) per circuit	120-277V~
Neutral required			
	MS-B102-XX ^{1,2}	Single pole/multi-location ³ Single-circuit model 6 A lighting 4.4 A fan (120V only)	120-277V~
	MS-B202-XX ¹	Single pole/3-way Dual-circuit model 6 A lighting per circuit 4.4 A fan (120V only) per circuit	120-277V~

¹ XX denotes color suffix (above)

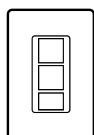
² Vacancy-only models available

³ Multi-location switches work with up to nine companion switches

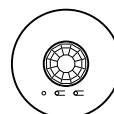
Additional Lutron sensors



Maestro PIR
single-circuit
sensors



Maestro PIR
dual-circuit
sensors



Radio Powr Savr™
wireless sensors

Code information

Sensors help meet stringent code requirements

- ASHRAE 90.1-2010, Title 24 2013, and IECC 2012
 - Meets automatic shutoff
 - Meets multi-level lighting controls requirement (dual-circuit model)