



Home » MEDINAH POWER » **MEDINAH POWER STR-MS Microwave Motion Sensor Instruction**Manual **

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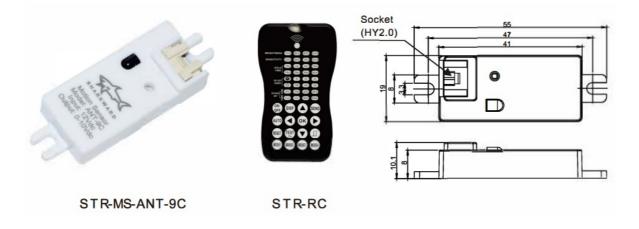
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MEDINAH POWER STR-MS Microwave Motion Sensor



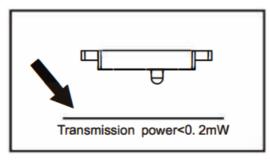
OVERVIEW



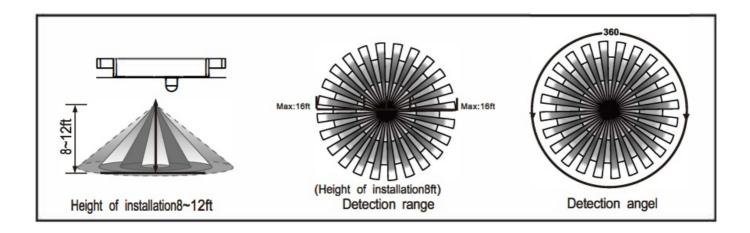
SPECIFICATIONS

- Power supply
 - 12V DC
- HF System
 - 5.8GHz±75MHz
- Dim control output
 - o 0-10V, max. 25mAsinking current
- Detection radius/angle
 - Max 16ft.(5m)/360°
- Mounting height
 - Max 12ft
- Remote range
 - \circ 50ft. (15m) indoor, no backlight
- Humidity
 - Max. 95% RH
- Temperature
 - \circ -40°F 158°F (-40°C 70°C)

NOTE: The high-frequency output of this sensor is <0. 2mW-that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



SENSOR COVERAGE



Once powering the device up, the ANT-9C will use factory default parameters to operate. If adjustments are needed, the "RC-100 "Wireless IR Configuration tool must be used.

UTILIZING FIELD AND INTRODUCTION

ANT-9Cis a moving object sensor that can detect a range of 360° and its working frequency is 5.8GHz. The advantage of this product is a stable working state (stable working temperature: -40°C-+ 70°C), ANT-9Cadopts a microwave sensor(high-frequency output <0.2mW), so that it is safe and performs better than an infrared sensor.

FUNCTION AND OPTIONS

The microwave sensor achieves tri-level dimming control, for some areas that require a light change notice before switch off. It offers 3 levels of the light Control: 100%—dimming light (0/10%/30%/50%)—off; and 2 periods of selectable waiting time: motion hold-time and stand-by time, Selectable daylight threshold, and choice of detection area.







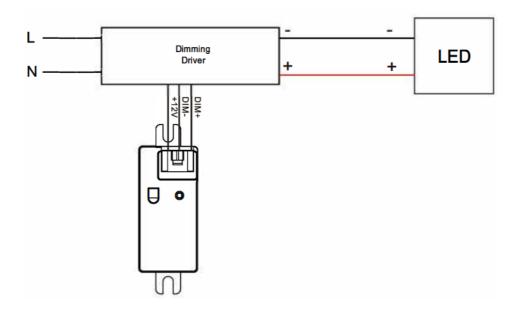


- With suffcient natural light, the light does not switch on when presence is detected.
- With insufficient natural light, the sensor switches on the light automatically when a
 person enters the (options) standby level after entering the room. The lamp never
 switches off with the presence, even the natural light is sufficient.

- People left, lamp still dims to 0/10%/30%/50% (options) standby level after the hold time.
- The light switches off automatically after the dimming time has elapsed.

WIRING DIAGRAMS

ANT-9C wiring with dimming ballast or LED driver.



Frequently Asked Questions

Q: What is the purpose of the dim control output?

A: The dim control output allows you to adjust the lighting levels based on the sensor's detection, enabling energy savings and customized lighting settings.

Q: Can the sensor be used outdoors?

A: The sensor is designed for indoor use only due to its specified detection range and environmental limitations.

Documents / Resources



MEDINAH POWER STR-MS Microwave Motion Sensor [pdf] Instruction M anual

STR-MS, STR-MS-ANT-9C, STR-RC, STR-MS Microwave Motion Sensor, Microwave Motion Sensor, Motion Sensor, Sensor

References

- User Manual
- MEDINAH

POWER

► MEDINAH POWER, Microwave Motion Sensor, Motion Sensor, STR-MS, STR-MS Microwave Motion Sensor, STR-MS-ANT-9C, STR-RC

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