



MOTION SENSOR WITH AUDIO JACK BASE

► **DESIGN** - MICROWAVE MOTION SENSOR WITH AUDIO JACK BASE provides energy-effective lighting control solution that enables the lights light up upon detection of movement and turn itself off if not required. It operates on 12V input power with 0-10V dimming option. The sensor can be installed at the maximum height of 13ft.

► **DEFAULT SETTINGS** - You can use default settings to cover most standard applications: Detection Area - 100%, Hold time - 10min, Daylight Threshold - disable, Standby Period - 0s, Standby Dimming Level - 10%.

► **ADJUSTMENTS** - Using remote you can adjust: Detection area 25%-100%, Hold time 5s-120min, Daylight threshold 2-400lux, Standby Dimming Level 10-50%, Standby Period 0s - +∞.

► **BATTERY BACK-UP** - The sensor is compatible with ASD Battery Back-up, switches to Back-up mode when the power is off, and is back to the programmed operation mode when AC mode is renewed.

► **APPLICATION** - Sensor with audio jack base is ideal solution for most indoor commercial lighting fixtures such as linear flat panels, troffers and suspension mounting LED linear strip lights.



PRODUCT PRESENTATION:

Model	Power	Voltage	Dimming	Finish	Dimensions
ASD-08MW-WH	0.36W	12 V	0-10 V	White	2-5/8" x 3/4" x 1"
REMOTE CONTROL					
ASD-06RC	Remote control for motion sensor				5-11/16" x 1-3/4" x 13/16"

PRODUCT SPECIFICATIONS:

Construction & Materials	
Housing	Plastic
Environmental system	
Work environment	Suitable for Damp Locations
Operating temperature	-13°F to 140°F (-25°C to 60°C)
Regular and voluntary certifications	
3-year limited warranty	

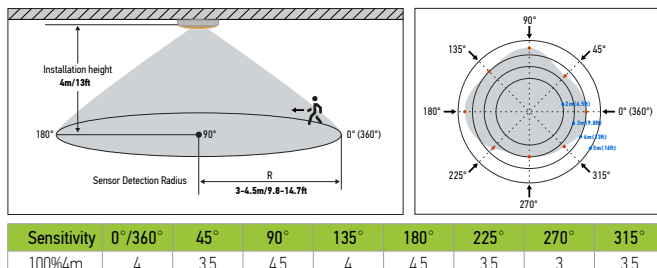
ORDERING INFORMATION

Model	UPC	Pcs. in middle box	Middle box size	Middle box weight	GTIN 14 in middle box	Pcs. per carton	Carton size	Carton weight	GTIN 14 in carton
ASD-08MW-WH	810128113731	10	3.2" x 1.7" x 10.4"	0.4 lbs	20810128113735	120	11.2" x 7.5" x 10.2"	11.4 lbs	30810128113732
REMOTE CONTROL									
ASD-06RC	810128114370	10	6.3" x 2.9" x 11.4"	0.5 lbs	30810128114371	60	15.8" x 11.8" x 9.3"	24.7 lbs	40810128114378

MOTION SENSOR INFORMATION

Specifications			Default setting	Specifications	
Detection area	25 %/50 %/75 %/100 %		100 %	Operating voltage	10 - 15 V
Hold time	5 s/30 s/1 min/2 min/3 min/5 min/10 min/15 min/ 20 min/25 min/30 min/45 min/60 min/90 min/120 min		10 min	Operating current	≥ 40 mA
Daylight threshold	2 lux (0.2 fc)/ 10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/ 80 lux (7.4 fc)/120 lux (11.2 fc)/200 lux (18.6 fc)/ 250 lux (23.2 fc)/ 300 lux (27.9 fc)/350 lux (32.5 fc)/ 400 lux (37.2 fc)/disable		Disable	Mounting height	max 13.1 ft (4 m)
Standby period	0 s/5 s/30 s/1 min/2 min/3 min/5 min/10 min/15 min/20 min/ 25 min/30 min/45 min/60 min/+ ∞		0 s	Detection radius	9.8 ft - 14.7 ft (3 m - 4.5 m)
Standby dimming level	10 %/20 %/30 %/50 %		10 %	Operating frequency	5.8 GHz ± 75 MHz
				Transmitting power	< 0.3 mW

DETECTION COVERAGE:



This diagram shows the area covered by the motion sensor. The circles indicate the distance from the sensor, while different directions show how well motion is detected around it.

For most up-to-date spec sheets please refer to asd-lighting.com

ASD LIGHTING CORP

E-mail: orders@asd-lighting.com | Web site: www.asd-lighting.com



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REMOTE CONTROL **ASD-06RC** sold separately



Button	Remarks	Button	Remarks	Button	Remarks
ON/OFF ON/OFF	Turn the sensor ON/OFF.	Auto Auto	Enter "sensor mode" and perform previous settings.	Reset Reset	Enter "sensor mode" and perform the default settings.
Scenes Scenes	Shows current settings saved in remote.	Start Start	Press this to begin scene setup.	Memory Memory	Saves the scene settings.
Apply Apply	Applies current scene settings to the fixture.	M H Mounting height	Adjust detection area/sensitivity levels according to real installation situations, higher or lower.	Send Send	Memorize and send out the previous setting of individual parameters.
Detection range	Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the + - buttons to adjust.	Daylight sensor	The preset lux level at which motion will be detected. Use this button and the + - buttons to adjust.	Stand-by dimming	After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the + - buttons to adjust.
Hold time	The period that light will stay illuminated 100 % after no motion is detected. Use this button and the + - buttons to adjust.	Up	The main functional buttons to adjust the factors to desired level. Press + - button to dim light directly auto in non-detection mode.	Stand-by period	The period after holdtime, during which the light keeps standby dimming level. Use this button and the + - buttons to adjust.
CCT CCT selectable	Not applicable to this product.	Down		POWER Power	Adjust brightness in both ON/OFF mode & sensor mode, minimum 10%, max 100%, each time this button is pressed it changes by 5%.
Reserved button	Not applicable to this product.	Daylight harvesting	Daylight harvesting function enabled or disabled.	Test button	Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved.

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