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Intermatic IOS-DPBIF-IV

Intermatic IOS-DPBIF-IV Decorator PIR Occupancy Sensor User Manual

Model: IOS-DPBIF-IV

PRODUCT OVERVIEW

The Intermatic IOS-DPBIF-IV is a Decorator Passive Infrared (PIR) Occupancy Sensor designed for automatic lighting control. This sensor detects motion within its field of view to turn lights ON and OFF, providing energy savings and convenience. It features an ivory finish and is suitable for wall mounting.



Image: Front view of the Intermatic IOS-DPBIF-IV Decorator PIR Occupancy Sensor in ivory color. The top section houses the PIR lens, and the bottom section features a manual override button.

Key Features:

- Adjustable time delay for lights to turn OFF, ranging from 15 seconds to 30 minutes.
- Wide coverage area of 150 degrees, covering up to 980 square feet.
- Automatic ON/OFF control based on occupancy detection.
- Compatible with CFL (Compact Fluorescent Lamp) lighting.
- Includes a decorator wall plate for a clean installation.

SETUP AND INSTALLATION

Important Safety Information: Before beginning installation, ensure power is turned OFF at the circuit breaker or fuse box to avoid electrical shock. Installation should be performed by a qualified electrician or a knowledgeable individual familiar with electrical wiring.

1. **Power Disconnection:** Locate the circuit breaker or fuse that supplies power to the switch box where the sensor will be installed. Turn OFF the power. Verify power is off using a voltage tester.
2. **Remove Existing Switch:** Carefully remove the existing wall plate and switch from the electrical box. Disconnect the wires from the old switch, noting their connections (e.g., line, load, ground, neutral if present).
3. **Wiring the Sensor:** Connect the wires from the wall box to the corresponding wires on the IOS-DPBIF-IV sensor. Refer to the wiring diagram provided with the product packaging for specific connections. Typically, this involves connecting the Line (hot), Load, and Ground wires. A neutral wire connection may also be required depending on the specific model and electrical code.
4. **Mounting the Sensor:** Gently push the wired sensor into the electrical box. Secure it with the provided mounting screws.
5. **Install Wall Plate:** Attach the decorator wall plate over the sensor.
6. **Restore Power:** Turn the power back ON at the circuit breaker or fuse box.

Note: For detailed wiring diagrams and specific electrical requirements, consult the full installation guide included with your product or available on the manufacturer's website.

OPERATING INSTRUCTIONS

The Intermatic IOS-DPBIF-IV sensor operates automatically based on detected occupancy. It also includes a manual override button.

Automatic Operation:

- When motion is detected within the sensor's 150-degree field of view, the connected lights will turn ON.
- The lights will remain ON as long as occupancy is detected.
- After no motion is detected for a preset time delay, the lights will automatically turn OFF. The time delay can be adjusted from 15 seconds to 30 minutes. Refer to the product's internal settings or instructions for adjusting this delay.

Manual Override:

The sensor features a manual push-button switch located on the front face. This button allows for manual control of the lights, overriding the automatic occupancy detection.

- **Press to Turn ON/OFF:** A single press of the button will toggle the lights ON or OFF, regardless of occupancy.
- **Return to Automatic:** After manual operation, the sensor typically returns to automatic mode after a period of time or upon the next detection of occupancy, depending on the specific model's logic. Consult the full manual for details on how manual override interacts with automatic mode.

MAINTENANCE

The Intermatic IOS-DPBIF-IV Occupancy Sensor requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Periodically wipe the sensor lens and housing with a soft, dry cloth to remove dust or dirt. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the unit.
- **Obstruction Check:** Ensure that the sensor's field of view is not obstructed by furniture, curtains, or other objects that could interfere with motion detection.
- **No User-Serviceable Parts:** The sensor contains no user-serviceable parts. Do not attempt to open or repair the unit. Refer any issues to qualified service personnel.

TROUBLESHOOTING

If you experience issues with your Intermatic IOS-DPBIF-IV Occupancy Sensor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn ON when motion is detected.	<ul style="list-style-type: none">No power to the sensor.Incorrect wiring.Sensor lens obstructed.Sensor sensitivity too low.	<ul style="list-style-type: none">Check circuit breaker/fuse.Verify wiring connections according to the diagram.Clear any obstructions from the sensor's view.Adjust sensor sensitivity (if applicable, refer to full manual).
Lights turn OFF too quickly or too slowly.	Time delay setting is incorrect.	Adjust the time delay setting on the sensor. Refer to the product's specific instructions for adjustment methods.
Lights turn ON without apparent motion.	<ul style="list-style-type: none">Air currents (HVAC vents).Heat sources within detection area.Sensor sensitivity too high.	<ul style="list-style-type: none">Relocate sensor or adjust HVAC vents.Ensure no heat sources are directly in the sensor's path.Reduce sensor sensitivity (if applicable).

If the problem persists after attempting these solutions, contact Intermatic customer support or consult a qualified electrician.

SPECIFICATIONS

Model Number	IOS-DPBIF-IV
Brand	Intermatic
Color	Ivory
Power Source	Corded Electric
Voltage Rating	120 VAC
Load Rating	500 W at 120 VAC (Incandescent/Tungsten), 500 VA at 120 VAC (Fluorescent/Ballast), 1/8 HP at 120 VAC (Motor)
Field of View	150 Degrees
Maximum Coverage	980 Square Feet
Mounting Type	Wall Mount
Product Dimensions	3 x 2 x 4.8 inches
Item Weight	4.8 ounces

Certifications	UL, cUL
UPC	078275125247

WARRANTY INFORMATION

The Intermatic IOS-DPBIF-IV Occupancy Sensor comes with a **2-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms, conditions, and details on how to make a warranty claim, please refer to the official warranty statement included with your product or visit the Intermatic website.

Note: The warranty typically covers product replacement for eligible defects.

SUPPORT AND FURTHER RESOURCES

For additional assistance, technical support, or to access the complete product documentation, please use the following resources:

- **Official User Guide (PDF):** [Download PDF](#)
- **Intermatic Website:** Visit the official Intermatic website for product information, FAQs, and contact details.
- **Customer Service:** Contact Intermatic customer service for direct support regarding installation, operation, or troubleshooting.

