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WAC Lighting LTK-178-WT

WAC Lighting TK-178 Line Voltage Track Head User Manual

Model: LTK-178-WT | Brand: WAC Lighting

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WAC Lighting TK-178 Line Voltage Track Head. This luminaire is designed for residential, retail, commercial, and hospitality environments, offering a minimalist profile. It is compatible with H, J/J2, and L track configurations and can accommodate LED or incandescent lamps.

SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power at the circuit breaker before installing or servicing the fixture.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- For indoor use only. Do not expose to moisture or extreme temperatures.
- Ensure the track system is properly grounded.
- Use only lamps that comply with the specified wattage and type (e.g., PAR20, PAR38, LED PAR20, LED PAR30, LED PAR38, LED BR20, LED BR30).
- Do not exceed the maximum wattage of 75 watts.
- This fixture operates on 120 Volts AC.
- Consult local laws and regulations regarding lighting installations.

SETUP AND INSTALLATION

Follow these steps for proper installation of your track head:

1. **Power Disconnection:** Before beginning, ensure the power to the track lighting circuit is turned off at the main circuit breaker.
2. **Identify Track Type:** Verify your track system is an L Track. This fixture is specifically designed for L Track configurations.

3. **Insert Fixture:** Align the track head connector with the track slot. Push the fixture firmly into the track and twist it to lock it into place. Ensure it is securely seated and makes proper electrical contact.
4. **Install Lamp:** Screw the appropriate E26/Medium Base lamp (e.g., PAR20, PAR38, LED PAR20, LED PAR30, LED PAR38, LED BR20, LED BR30, up to 75W max) into the fixed position socket.
5. **Adjust Aiming:** The fixture features lockable vertical aiming. Adjust the head to the desired angle.
6. **Restore Power:** Once the fixture is securely installed and the lamp is in place, restore power at the circuit breaker.



Image: WAC Lighting TK-178 Line Voltage Track Head in White, showing its installation on a track.

OPERATING INSTRUCTIONS

The WAC Lighting TK-178 track head is designed for simple operation:

- **Power On/Off:** Control the light by turning the track circuit power on or off via your wall switch or dimmer.
- **Dimming:** This fixture supports smooth and continuous dimming to 10% with a triac dimmer (for halogen lamps) or an electronic low voltage dimmer (for LED or halogen lamps). Ensure your dimmer is compatible with the lamp type used.
- **Adjusting Light Direction:** The track head features lockable vertical aiming. Gently loosen the adjustment screw, position the head to direct light as desired, and then tighten the screw to secure its position. The fixture also allows for full 360-degree rotation on the horizontal axis.
- **Accessories:** The fixture accepts one lens with the use of a lens clip (sold separately). A barn door accessory for glare control is also available and ordered separately.

MAINTENANCE

To ensure the longevity and optimal performance of your WAC Lighting TK-178 track head, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, dry cloth. Do not use abrasive cleaners, solvents, or polishes as they may damage the finish.
- **Lamp Replacement:** Always disconnect power before replacing a lamp. Allow the lamp to cool completely before handling. Replace with the same type and wattage lamp as specified.
- **Inspection:** Periodically inspect the fixture and track connections for any signs of wear, damage, or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

TROUBLESHOOTING

If you encounter issues with your WAC Lighting TK-178 track head, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the track; loose connection; faulty lamp; incorrect track type.	Check circuit breaker. Ensure fixture is securely seated in the track. Replace lamp. Verify track is L Track.
Light flickers or dims improperly.	Loose connection; incompatible dimmer; faulty lamp.	Check connections. Ensure dimmer is compatible with lamp type (triac for halogen, electronic low voltage for LED/halogen). Replace lamp.
Fixture is difficult to install into track.	Incorrect alignment; track type mismatch.	Ensure proper alignment with the track slot. Verify track is L Track. Apply firm, even pressure.
Fixture does not hold its adjusted position.	Adjustment screw is loose.	Tighten the adjustment screw to secure the vertical aiming.

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

SPECIFICATIONS

Feature	Detail
Model Number	LTK-178-WT
Brand	WAC Lighting
Color	White
Material	Die-cast Aluminum
Style	L Track (compatible with H, J/J2, and L track configurations)

Feature	Detail
Specific Uses	Indoor use only
Power Source	AC
Voltage	120 Volts
Wattage (Max)	75 watts
Bulb Base	E26 Medium
Compatible Lamps	A, BR, PAR20, PAR38, LED PAR20, LED PAR30, LED PAR38, LED BR20, LED BR30
Dimming	Smooth and continuous to 10% with triac (halogen) or electronic low voltage (LED/halogen) dimmer
Aiming	Lockable vertical aiming, 360-degree horizontal rotation
Certifications	UL & CUL listed for dry locations, ADA compliant
Product Dimensions	2 x 2 x 4 inches (approximate)
Item Weight	3.52 ounces



Image: Dimensional drawing of the WAC Lighting TK-178 track head, indicating approximate height and width.

Warranty: WAC Lighting provides a 5-year functional warranty and a 2-year finish warranty for this product. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact WAC Lighting customer service. Visit the official WAC Lighting website for contact information or refer to the included installation instructions.

You can also visit the [WAC Lighting Store on Amazon](#) for more information.