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Akai MISTRAL120932K-TL Superior Series Dual Split Inverter Air Conditioner User Manual

Model: MISTRAL120932K-TL

1. INTRODUCTION

Thank you for choosing the Akai MISTRAL120932K-TL Superior Series Dual Split Inverter Air Conditioner. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new air conditioning system. Please read this manual thoroughly before using the appliance and retain it for future reference.

This dual split system features two indoor units (9000 BTU and 12000 BTU) connected to a single outdoor inverter unit, offering both cooling and heating capabilities with high energy efficiency (A++/A+).



Image 1.1: The Akai MISTRAL120932K-TL Dual Split Air Conditioner system, showing two white indoor units with digital displays and a single white outdoor compressor unit with a fan grille.

2. IMPORTANT SAFETY INFORMATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Professional Installation:** Installation, maintenance, and repair of this appliance must be performed by qualified and authorized personnel only. Improper installation can lead to electric shock, fire, or water leakage.

- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use extension cords or multi-outlet adapters. Always connect to a properly grounded outlet.
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing. Do not discharge refrigerant into the atmosphere.
- **Electrical Safety:** Never touch the unit with wet hands. Do not insert objects into the air outlet. Disconnect power before cleaning or servicing.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- 1 x Outdoor Unit (Compressor)
- 1 x Indoor Unit (9000 BTU)
- 1 x Indoor Unit (12000 BTU)
- 2 x Remote Controls
- User Manual and Installation Guide
- Mounting accessories (e.g., mounting plate for indoor units, drainage hose, insulation tape)

If any items are missing or damaged, please contact your retailer immediately.

4. INSTALLATION

Installation of this dual split air conditioning system requires specialized tools and knowledge. It is strongly recommended that installation be performed by a certified HVAC technician to ensure proper functioning, safety, and warranty validity.

4.1. General Guidelines

- **Location:** Choose locations for indoor units that allow for even air distribution and are away from direct sunlight or heat sources. The outdoor unit should be placed in a well-ventilated area, away from obstacles, and on a stable, level surface.
- **Drainage:** Ensure proper drainage for condensate water from both indoor and outdoor units.
- **Electrical Connection:** All electrical work must comply with local codes and regulations. Ensure a dedicated circuit with appropriate circuit breakers is used.
- **Refrigerant Piping:** The length and routing of refrigerant pipes must adhere to manufacturer specifications to ensure optimal performance.

Refer to the detailed Installation Guide provided with your product for specific instructions and diagrams.

5. OPERATING INSTRUCTIONS

Your Akai MISTRAL120932K-TL air conditioner is controlled via the supplied remote control. Ensure the remote control has fresh batteries installed.

5.1. Remote Control Functions

The remote control allows you to select various operating modes and settings:

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes:
 - **AUTO:** Automatically selects cooling or heating based on room temperature.
 - **COOL:** Provides cooling. Adjust temperature with ▲/▼ buttons.
 - **DRY:** Dehumidifies the room.
 - **FAN:** Circulates air without cooling or heating. Adjust fan speed.
 - **HEAT:** Provides heating (heat pump function). Adjust temperature with ▲/▼ buttons.
- **TEMP ▲/▼ Buttons:** Adjust the desired temperature setting.
- **FAN SPEED Button:** Selects fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls the vertical airflow direction (louver movement).
- **ECO Function:** This function optimizes performance across different power levels, ensuring energy savings. Activate via the dedicated ECO button on the remote (if available) or through the mode settings.
- **TIMER Function:** Sets the unit to turn on or off automatically after a specified period.

For detailed instructions on specific remote control functions, refer to the Remote Control User Guide included with your product.

6. MAINTENANCE

Regular maintenance ensures optimal performance, energy efficiency, and longevity of your air conditioner. Always disconnect the power supply before performing any maintenance.

6.1. Indoor Unit Maintenance

- **Air Filter Cleaning:** The air filters should be cleaned every two weeks or more frequently depending on usage and air quality. Open the front panel, remove the filters, wash them with lukewarm water and mild detergent, rinse thoroughly, and allow them to dry completely before reinserting.
- **Unit Surface Cleaning:** Wipe the indoor unit's surface with a soft, dry cloth. For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry. Do not use harsh chemicals, abrasives, or solvents.

6.2. Outdoor Unit Maintenance

- **Coil Cleaning:** Periodically check the outdoor unit's heat exchanger coils for dirt, leaves, or debris. Gently clean with a soft brush or vacuum cleaner. Do not bend the fins.
- **Clearance:** Ensure that the area around the outdoor unit remains clear of obstructions to allow for proper airflow.
- **Professional Check:** It is recommended to have a qualified technician perform an annual check-up of the entire system, including refrigerant levels, electrical connections, and drainage.

7. TROUBLESHOOTING

Before contacting service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries low; Circuit breaker tripped	Check power supply; Replace remote batteries; Reset circuit breaker

Problem	Possible Cause	Solution
Insufficient cooling/heating	Dirty air filters; Temperature setting incorrect; Doors/windows open; Outdoor unit obstructed	Clean air filters; Adjust temperature; Close doors/windows; Clear obstructions around outdoor unit
Unusual noise	Loose parts; Unit not level; Fan obstruction	Check for loose parts; Ensure unit is level; Remove any fan obstructions. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain hose; Improper installation	Check and clear drain hose; Contact a qualified technician for inspection.

If the problem persists after attempting these solutions, please contact a qualified service technician.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	MISTRAL120932K-TL
Type	Dual Split Air Conditioner
Heat Pump	Yes
Control Method	Remote Control
Cooling Capacity	9000 + 12000 BTU (5100W total, range 1230~5600W)
Heating Capacity	5200W (range 1290~5750W)
SEER (Seasonal Energy Efficiency Ratio)	6.1
Energy Class (Cooling)	A++
SCOP (Seasonal Coefficient of Performance)	4.0 (Average Season)
Energy Class (Heating, Average Season)	A+
Indoor Unit Sound Level (min/max)	32-50 dB(A)
Outdoor Unit Sound Level	65 dB(A)
Power Supply	220-240V~/50Hz/1P
Refrigerant	R32
Indoor Unit Dimensions (LxHxD)	777 x 250 x 201 mm
Outdoor Unit Dimensions (LxHxD)	853 x 602 x 349 mm
Weight	70 kg

Feature	Specification
Special Feature	ECO Function

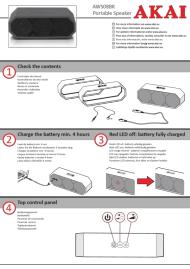
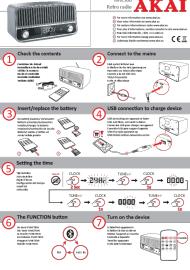
9. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the warranty card included with your product or contact the retailer where the product was purchased. Warranty coverage typically requires professional installation and adherence to maintenance guidelines.

For technical support, service requests, or inquiries regarding your Akai MISTRAL120932K-TL air conditioner, please contact Akai customer service or your authorized dealer. Ensure you have your model number and purchase date available when contacting support.

Note: Amazon's return policy allows returns within 30 days of receipt if you change your mind. For defective or damaged products, consult Amazon's help page on returns. Specific marketplace purchases may have different policies.

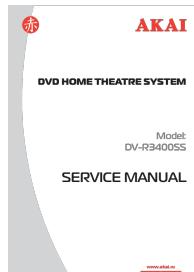
Related Documents - MISTRAL120932K-TL

	<p>AKAI Air Conditioners: 2014 Range - Features, Specifications & Selection Guide</p> <p>Explore the AKAI 2014 range of air conditioners, featuring advanced technologies like Triple Filtration, Titan Gold, and Invisible Display. Find the perfect model for your home or office with detailed specifications and a selection guide.</p>
	<p>AKAI AWS08BK Portable Speaker: Quick Start Guide and Specifications</p> <p>Get started with your AKAI AWS08BK Portable Speaker. This guide covers setup, charging, Bluetooth and AUX connections, control panel functions, and detailed specifications.</p>
	<p>AKAI APR500 Retro Radio Quick Start Guide and Specifications</p> <p>Get started with your AKAI APR500 Retro Radio. This guide provides instructions on setup, basic functions, alarm settings, Bluetooth connectivity, and technical specifications.</p>
	<p>AKAI ACAD30B Car Radio DVD Player with Bluetooth & 3" Touchscreen User Manual</p> <p>This user manual provides comprehensive instructions for the AKAI ACAD30B car radio DVD player. Learn about its features including Bluetooth connectivity, DVD/CD/USB/SD/MMC playback, 3-inch touchscreen operation, installation, and troubleshooting.</p>



[Akai APC20 Ableton Controller Quickstart Guide](#)

Get started with your Akai APC20 Ableton Controller. This guide provides essential information on setup, connection, and basic operation with Ableton Live.



[AKAI DV-R3400SS Service Manual: Technical Specifications, Parts, and Schematics](#)

Official service manual for the AKAI DV-R3400SS DVD Home Theatre System, featuring detailed specifications, performance data, electrical parts lists, wiring diagrams, schematics, and exploded views for repair and maintenance.