

Kenwood 6708EP

KENWOOD Oil Filled Electric Radiator Room Heater 6708EP User Manual

Model: 6708EP



1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your KENWOOD Oil Filled Electric Radiator Room Heater, Model 6708EP. Please read this manual thoroughly before using the appliance and retain it for future reference.



Figure 1: KENWOOD Oil Filled Electric Radiator Room Heater 6708EP. This image displays the full view of the white oil-filled radiator heater with its control panel and caster wheels.

2. IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this heater.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- Do not use outdoors.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This heater is equipped with a polarized plug (one blade is wider than the other). This plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

3. SETUP AND ASSEMBLY

Your KENWOOD 6708EP heater comes with pre-assembled caster wheels for easy mobility. No additional assembly is typically required. Ensure the heater is placed on a stable, level surface.

3.1 Placement

- Place the heater on a firm, level surface free from obstructions.
- Maintain a minimum distance of 3 feet (0.9 meters) from walls, furniture, curtains, and other flammable materials.
- Do not place the heater directly below a power outlet.
- Ensure the power cord is not pinched or placed under the heater.

3.2 Power Connection

Plug the heater directly into a 110-volt, 15-amp (minimum) grounded wall outlet. Do not use extension cords or power strips.

4. OPERATING INSTRUCTIONS

The KENWOOD 6708EP features digital controls for precise temperature management.

4.1 Control Panel Overview



Figure 2: Close-up of the control panel on the KENWOOD 6708EP heater. The digital display shows '61°F' and buttons for temperature adjustment and mode selection are visible.

The control panel typically includes:

- **Power Button:** To turn the heater on or off.
- **Mode Button:** To cycle through different heating modes (e.g., High, Medium, Low, ECO).
- **Temperature Up/Down Buttons:** To set the desired room temperature.
- **Timer Button:** To program the heater to turn on or off at a specific time.
- **Digital Display:** Shows the current temperature, set temperature, or timer settings.

4.2 Initial Operation

1. Plug the heater into a suitable electrical outlet.
2. Press the **Power Button** to turn the heater on. The digital display will illuminate.
3. Use the **Temperature Up/Down Buttons** to set your desired room temperature. The heater will automatically adjust its power output (High, Medium, Low) to reach and maintain this temperature.
4. (Optional) Press the **Mode Button** to select a specific power level if you do not wish to use the automatic temperature control.

4.3 Timer Function

The timer allows you to program the heater to operate for a set duration or to turn on/off at a specific time.

1. With the heater on or in standby, press the **Timer Button**.

2. Use the **Temperature Up/Down Buttons** to set the desired number of hours for the timer (e.g., 1-24 hours).
3. The heater will automatically turn off after the set time, or turn on/off according to the programmed schedule.

5. MAINTENANCE AND STORAGE

Regular maintenance ensures optimal performance and longevity of your heater.

5.1 Cleaning

- Always unplug the heater and allow it to cool completely before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Do not immerse the heater in water or allow water to drip into the interior.
- Periodically vacuum the air intake and exhaust grilles to remove dust and lint.

5.2 Storage

- If storing the heater for an extended period, clean it thoroughly.
- Wrap the power cord neatly around the cord storage area (if available) or secure it with a tie.
- Store the heater in a cool, dry place, preferably in its original packaging, to protect it from dust and damage.

6. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide:

| Problem | Possible Cause | Solution |
|---------------------------------------|---|---|
| Heater does not turn on. | Not plugged in securely. No power at outlet. Overheat protection activated. Tip-over switch activated. | Ensure plug is fully inserted into a 110V outlet. Check household circuit breaker/fuse. Unplug, allow to cool for 30 minutes, then restart. Place heater on a firm, level surface. |
| Heater produces insufficient heat. | Temperature setting too low. Room size too large for heater capacity. Drafts or poor insulation. | Increase the desired temperature setting. Ensure heater is appropriate for the room size (up to 150 sq. ft. for 1500W). Seal drafts, improve room insulation. |
| Unusual odor during initial use. | New appliance "burn-off" smell. | This is normal for new heaters and should dissipate after a few hours of use. Ensure good ventilation. |
| Digital display is difficult to read. | Viewing angle or lighting conditions. | Adjust viewing angle or improve room lighting. |

7. PRODUCT SPECIFICATIONS

| Feature | Detail |
|---------|---------|
| Brand | Kenwood |

| Feature | Detail |
|-----------------------------|--|
| Model Number | 6708EP |
| Type | Oil Filled Electric Radiator Room Heater |
| Special Feature | Adjustable Temperature |
| Color | White |
| Form Factor | Pedestal |
| Indoor/Outdoor Usage | Indoor |
| Mounting Type | Floor Mount |
| Room Type | Bedroom, Living Room |
| Burner Type | Radiant |
| Fuel Type | Electric |
| Voltage | 110 Volts |
| UPC | 044387665070 |
| Package Dimensions | 18 x 10 x 4 inches |
| Item Weight | 30 pounds |

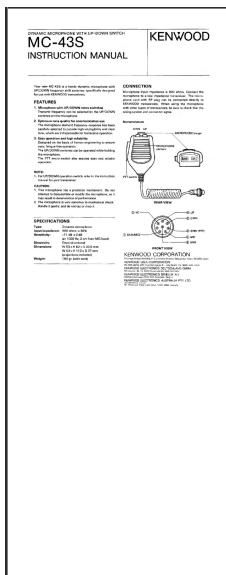
8. WARRANTY AND SUPPORT

Specific warranty details are typically provided with the product packaging or on the manufacturer's official website. For warranty claims or technical support, please refer to the contact information provided by Kenwood at the time of purchase or visit their official support channels.

Always retain your proof of purchase for warranty purposes.

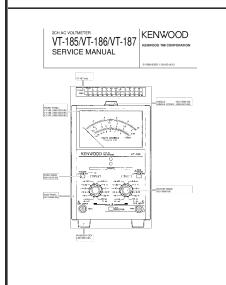
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Related Documents - 6708EP



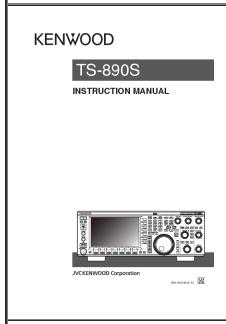
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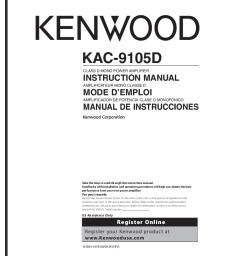
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This service manual provides comprehensive technical information for the Kenwood VT-185, VT-186, and VT-187 2-Channel AC Voltmeters, including specifications, safety, circuit descriptions, block diagrams, adjustment procedures, parts lists, and schematic diagrams for maintenance and repair.



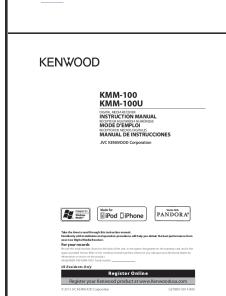
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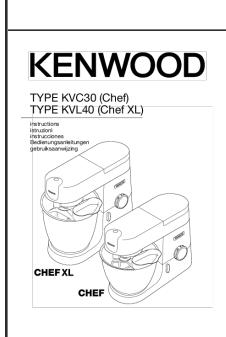
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Comprehensive instruction manual for the Kenwood KMM-100 and KMM-100U Digital Media Receivers. Learn about installation, operation, audio settings, troubleshooting, and more for your car audio system.



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