musicdock™

Hi-Fidelity Bedside Clock Radio with dock for iPod, radio set "Atomic Clock", & time projector
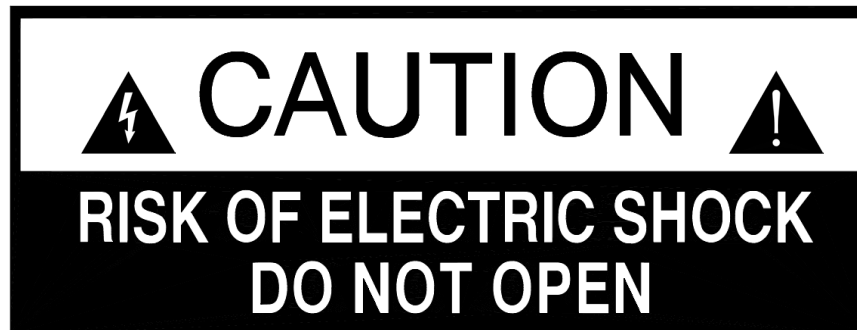
Model KC-120ST

Owner's Manual

Made for
iPod

◀||||||KLH **Audio Systems**
16250 Stagg St.
Van Nuys, CA 91406

⚠ CAUTION ⚠

RISK OF ELECTRIC SHOCK
DO NOT OPEN

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the used to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION
- Read all of these instructions.
- Save these instructions for later use.
- Follow all Warnings and Instructions marked on the equipment.

1) **Read Instructions** – All the safety and operating instructions should be read before the product is operated.
2) **Retain Instructions** – The safety and operating instructions should be retained for future reference.
3) **Heed Warnings** – All warnings on the product and in the operating instructions should be adhered to.
4) **Follow Instructions** – All operating and use instructions should be followed.
5) **Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6) **Attachments** – do not use attachments not recommended by the product manufacturer as they may cause hazards.
7) **Water and Moisture** – Do not use this product near water – for example, near a bathtub, washbowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool and the like.

8) **Accessories** – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9) **Product and cart combination** – A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

10) **Ventilation** – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11) **Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12) **Grounding or Polarization** – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13) **Power Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

14) **Outdoor Antenna Grounding** – If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode.

Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Example of Antenna Grounding as per National Electrical Code, ANSI/NFPA 70
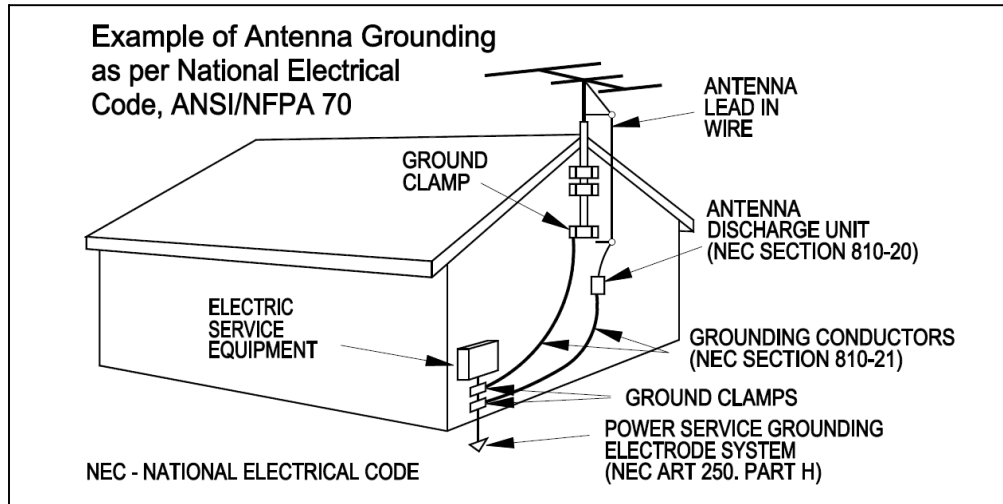
15) **Lightning** – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

16) **Power Lines** – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

17) **Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in risk of fire or electric shock.

18) **Object and Liquid Entry** – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid or any kind on the product.

19) **Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20) **Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   a) when the power-supply cord or plug is damaged

   b) if liquid has been spilled, or objects have fallen into the product.

   c) If the product has been exposed to rain or water.

d) if the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

e) if the product has been dropped or damaged in any way.

f) when the product exhibits a distinct change in performance – this indicates a need for service.

21) **Replacement Parts** – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

22) **Safety Check** – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23) **Wall or Ceiling Mounting** – The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24) **Heat** – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE WITHIN!
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT KLH FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZADOUS RADIATION EXPOSURE.
- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a bookcase or similar unit.
- The apparatus draws nominal non-operating power from the AC outlet with its POWER switch in the off position.
- The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
- An apparatus with Class I construction shall be connected to an AC outlet with a protective grounding connection.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to promote reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes or modifications to this equipment not expressly approved by KLH for compliance will void the user's warranty.

Thank you for purchasing the **musicdock**™ by KLH model KC-120ST AM/FM clock radio with dock for iPod, auto-set radio clock (aka "Atomic Clock"), time projector, and remote control. With proper care this device should provide many years of reliable operation.

Unpack and verify that all accessories are present and have been removed from the packing. Here is what is included:

1. The main unit w/ FM wire antenna attached
2. Power adapter (9V DC – 1500 mA)
3. AM Loop antenna
4. Base for AM loop antenna
5. 3.5 mm to 3.5 mm interconnect cable
6. Remote control
7. Battery for remote control (may be installed)
8. Snap-in iPod adapter pack for iPods purchased before Apple began supplying adapters with new iPods.
9. This instruction booklet

Preparing the KC-120ST for use
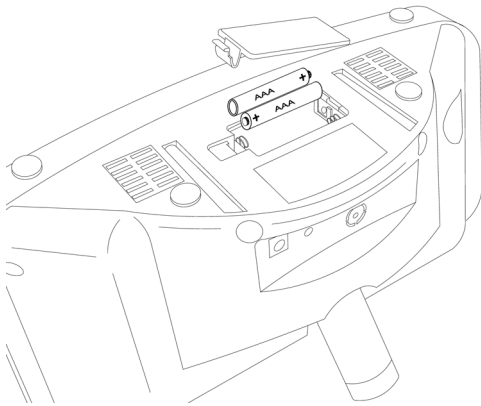
Flip the unit upside down, remove the battery cover, and install two **AAA batteries** (not supplied). Follow the polarity markings inside the battery compartment. Replace the cover.

These batteries maintain clock operation and settings during power outages. They do not power the radio or the display. ***Yearly replacement is recommended.***

Install the CR2025 "coin" battery in the remote control.

Press to release

Pull battery tray out

Insert with Plus sign as shown
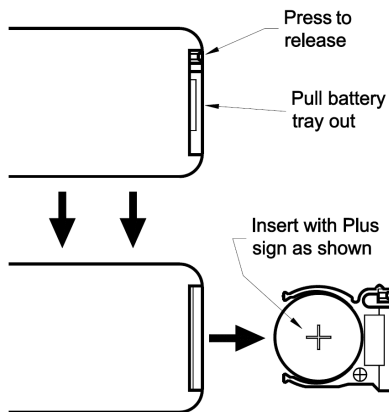
To open the battery compartment, use a fingernail to depress the release clip while pulling to the right on the battery holder.

Your battery may be pre-installed. If it is pre-installed there will be a small insulating tab protruding from the battery compartment at the back edge of the remote. This tab (if present) must be removed prior to use.

Replace the battery when the remote's operating range deteriorates.

Antenna preparation

Unpack the **AM** antenna and snap it's cylindrical end onto the base/mounting plate. Stretch out the twisted cord and Insert the small rectangular plug at the end into the socket located at **(19)** on the back of the radio. Note, this plug is keyed and only fits one way. Orient the AM antenna for best reception of your favorite AM station.

Unroll the **FM** wire antenna **(20)** and stretch it out. This antenna is permanently attached to the back of the radio. Position this antenna for best reception of your favorite FM station.

Select a location for your radio

Because the radio generates heat during operation it is necessary to provide open space around it for proper cooling. Failure to do so can significantly reduce the service life.

Do not place the radio near a heater or in direct sunlight. In addition, the radio should not be placed atop electronic devices that generate heat.
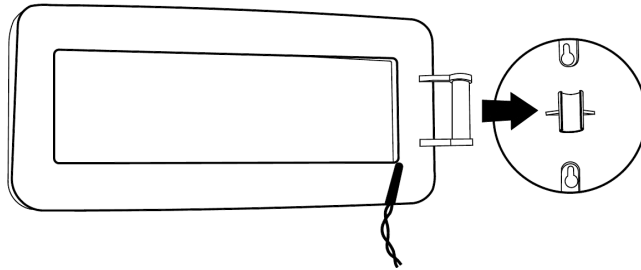
In most situations the best radio reception will be had when the KC-120ST and its antennas are near a window. This is particularly true for the "Atomic Clock" radio receiver.

For proper remote control operation there must be an unobstructed path between the remote and the radio face.

The KC-120ST includes an auxiliary input allowing sound from computers, TV sets, MP3 players, portable tape players, or other device with a headphone output to play through the KC-120ST. If this feature will be used, keep in mind the length of the interconnect cable needed when selecting the location.

Connecting power

Connect the supplied power adapter to the jack **(22)** on the back of the radio. Plug the adapter into an un-switched AC outlet. Turn on the radio and verify operation. Use only the supplied adapter. Damage resulting from the use of adapters supplying the wrong voltage or polarity is not covered by the warranty.

Control and feature identification

11 (power)
10 SOURCE
23 PRESET
16 SLEEP
1 SNOOZE/DIMMER
24 MUTE
15 MEM/CLOCK SET
8 ►II
7 I◄◄ ►►I
2 ◄) ◄))
musicdock

1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11**

musicdock

12
13
14 **15** **16** **17** **18**

KC-120 Face

19 **20** **21** **22**

Rear panel
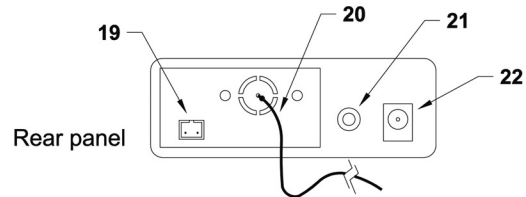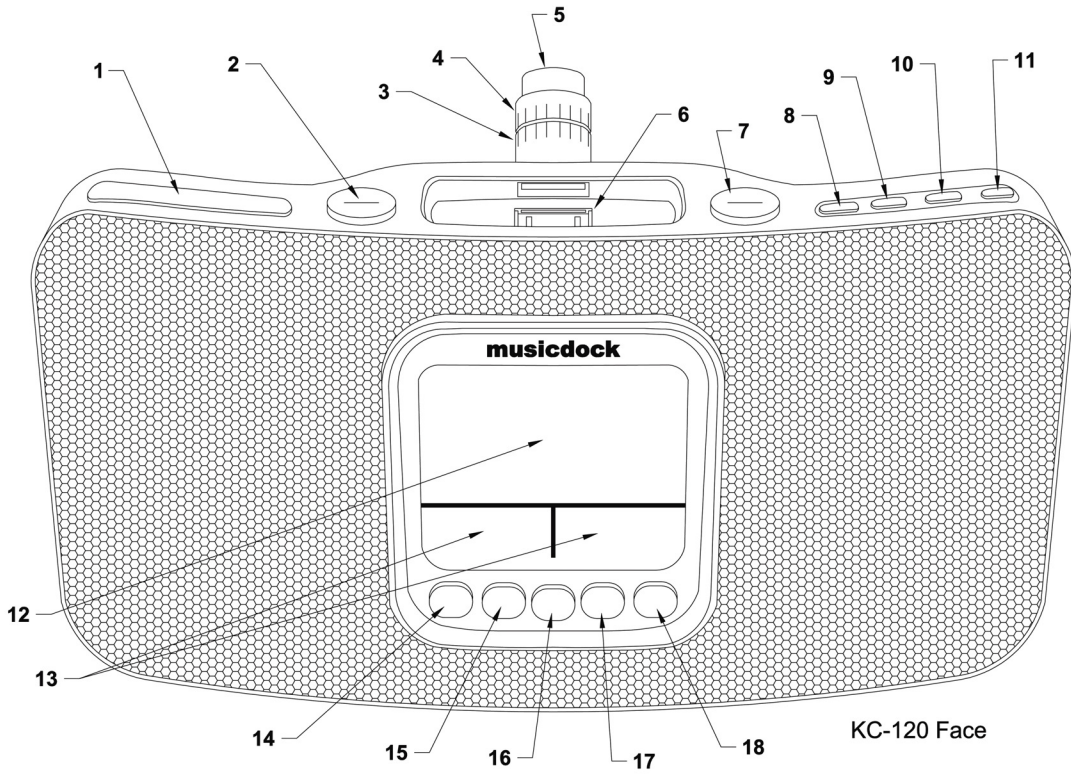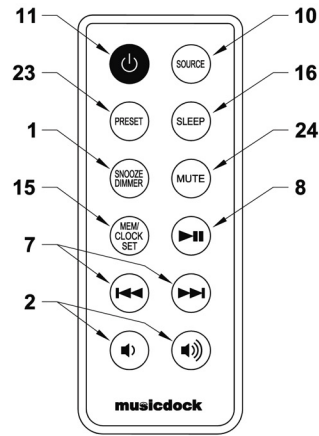
Control and feature descriptions

1: SNOOZE/DIMMER. After the alarm has gone off, pressing this bar initiates a 10-minute delay before the next wake-up sound occurs. The snooze function can be used repeatedly for up to 1 hour after the original wake up time. This button also adjusts the main display brightness when the radio is off or manually activated. I.E. not turned on by the alarm.

2: VOLUME. Rocker control adjusts the volume up or down.

3: TIME PROJECTOR orientation adjustment. Rotates the projected time digits.

4: FOCUS. Focuses the projected time digits.

5: TIME PROJECTOR lens.

6: UNIVERSAL WELL w/ dock for iPod. Located below the removable protective cover.   Snap in the proper universal adapter and mount your iPod here. Plays and charges the iPod.

7: TUNING UP/DOWN/SKIP / ⏮ ⏭. In radio mode (AM or FM), increases or decreases the received frequency. When an iPod is present and playing, controls the tracks, or if held down, allows searching within the current track.

8: PLAY/PAUSE. Used to initiate and control playback of the iPod.

9: ZONE. Used to set East, Central, Mountain, or Pacific Time zone.

10: SOURCE. Selects AM, FM, iPod, or Aux. Note: When an iPod is mounted and play initiated, the iPod mode is activated automatically.   The current mode is displayed in the main window (**12**).

11: ON/STANDBY. Toggles between On and Standby modes.

12: MAIN DISPLAY WINDOW. Shows Time Zone, signal strength of Atomic Clock signal, Humidity, Temperature, Time, Volume Setting or Radio Frequency.

13: ALARM 1 and 2 display windows. Shows the status and set time of ALARM 1 and ALARM 2.

14: ALARM 1 CONTROL. The KC-120ST features two alarms that can be set independently. Buttons (**14** and **18**) control the two alarms. With them, either alarm can be turned on, off, or set to wake at a particular time. Holding (**14**) or (**18**) down for 2 seconds activates the set mode. Use (**7**) to adjust the wake-up time and the "WAKE TO" button (**17**) to select the wake up sound. Alarm setting and the WAKE TO button are described in more detail later.

15: MEM/CLOCK SET. Used when setting radio "pre-sets" and manually setting the clock.

16: SLEEP button – Sets 120, 90, 60, 30, or 15 minute delay until the KC-120ST enters a silent state allowing the user to go to sleep to music. After activating SLEEP mode, adjust the volume to the volume that you wish to wake to. This setting is retained in memory so long as AAA batteries are installed.

17: WAKE TO button – Dual function button. When either alarm display is flashing (in set mode) this button selects iPod, radio, or buzz as the wake up sound. At other times, it cycles the projected time display through On Bright, On Dim, and Off.

18: ALARM 2 CONTROL. See description for ALARM 1 **(14)**.

19: AM antenna connector.

20: FM wire antenna

21: AUX INPUT. Connect an external MP3 player, TV set, computer, game, personal tape or CD player here to use the KC-120ST as an amplified speaker system. Any device with a standard headphone output can play back through the KC-120ST by way of this connector.

22: Power adapter connector – 9 Volts DC 1500 mA center positive

23: Station preset button (Remote control only feature). Used to program quick access to 10 favorite FM and 10 favorite AM stations. Explained in more detail later.

24: Mute – quiets the KC-120ST, press a second time to un-mute.

"Atomic Clock" – Connect the 9V 1500 mA power adapter to the KC-120ST. The display **(12)** should light. Do not press the ON/STANDBY button **(11)** yet. Press the ZONE **(9)** button to select your time zone. The Illustration to the right shows Mountain Time Zone setting. From left to right, the blocks represent West, Mountain, Central, and East.
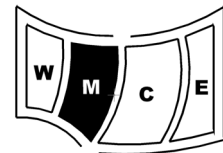
Examine the upper left corner of the main display window **(12)**. If the radio tower icon is visible and showing 2 or 3 strength marks, the built-in clock should synchronize itself to the government Atomic Clock broadcast within an hour. If the time standard signal is weak, auto-setting may take up to 24 hours. If the clock does not auto-set after 24 hours reposition the radio for better signal strength or set the clock manually as described below.

Note: The "Atomic Clock" receiver ONLY operates when the KC-120ST is in standby mode. The clock will NOT set itself while the radio is playing.

The Atomic Clock receiver inside the KC-120ST picks up and decodes the U.S. National Institute of Standards and Technology broadcast from Long Wave radio station WWVB located near Ft. Collins Colorado. The time information in the data stream from WWVB is controlled by several atomic clocks located at the station's site. These clocks are for all practical purposes the US time standard. WWVB is not a conventional radio station, as it does not broadcast entertainment or human understandable information. The frequency used by this station is 60 kHz, which is well below the lower end of the AM radio band. As such, it is subject to significant interference from power lines, fluorescent lights, light dimmers etc. Usually the signal from WWVB is strongest at night. The power level used by the station is such that it can be received over most of the continental US and southern Canada for at least a few hours out of each 24-hour period.

Because the signal from WWVB must travel more than a thousand miles to the largest population centers and is subject to propagation conditions plus interference, we cannot guarantee that the user will always be able to find a location where the KC-120ST will consistently set itself.

The time display will flash 12:00 until the clock automatically synchronizes with WWVB or until it is manually set. If you notice the display flashing 12:00 after a power failure, replace the two AAA batteries located in the compartment on the bottom of the KC-120ST.

Setting the clock Manually (You must progress through the following process with less than 10 seconds between steps to avoid dropping out of time set mode.)

1. If the KC-120ST is playing, press the ON/STANDBY button **(11)** to enter standby mode.

2. Hold the MEM/CLOCK SET button **(15)** down for 2 seconds. The time display will begin flashing. *Note: If this function is accidentally activated while the KC-120ST is playing, do nothing and normal operation will resume after 10 seconds.*

3. Within 10 seconds, press TUNING UP/DOWN/SKIP ⏮ ⏭ button **(7)** to set the hour. Up increases the hour, Down decreases the hour. PM will be indicated in the main display window on alternate 1 through 12 cycles.

4. Press MEM/CLOCK SET (**15**) to advance to minute setting. As before, within 10 seconds, press TUNING UP/DOWN/SKIP ⏮ ⏭ button **(7)** to set the minute. The seconds will start from 00 when you move on from this step.

5. Within 10 seconds, press the MEM/CLOCK SET **(15)** to move to the year setting. Use the press TUNING UP/DOWN/SKIP ◄◄ ►►| button **(7)** to set the year.

6. Within 10 seconds, press the MEM/CLOCK SET **(15)** again to advance to the month and day setting.

7. Use the TUNING UP/DOWN/SKIP ◄◄ ►►| button **(7)** to set the month and day.

8. Press the MEM/CLOCK ADJ **(15)** button one last time to finalize the setting.

Display brightness

1. Press the SNOOZE/DIMMER button **(1)** to cycle the display backlight through bright, medium, dim, and off. Discussed in more detail later.

Using the radio

1. Press the ON/STANDBY button **(11)** to turn the unit on. If the radio does not begin playing, press SOURCE button **(10)** to select AM or FM radio.

2. Use the TUNING/SKIP UP/DOWN ◄◄ ►►| button **(7)** to tune the radio. There are two tuning modes. You can hold either SKIP button down until you reach a particular frequency. Or, you can press either SKIP button for 1 second and then release to have the radio automatically seek the next receivable station.

3. Radio reception is strongly influenced by antenna placement. Tune in your favorite AM or FM station and position the respective antenna for best reception.

Storing favorite stations for easy access

1. Tune to an AM or FM station that you wish to add to your favorites.

2. Press the MEM/CLOCK SET button **(15)** and *within 6 seconds*, press the PRESET button **(23)** 1 to 10 times to choose location 1 to 10 to store the station on, and, *within 6 seconds* press the MEM/CLOCK SET button **(15)** to store.

3. Repeat the above process to store up to 10 AM and 10 FM favorites.

Accessing favorite stations

1. Turn the KC-120ST on. Use the SOURCE button **(10)** to select AM or FM.

2. Repeatedly press the PRESET button **(23)** to step through the stored stations until the desired station is received.

Alarm setting The KC-120ST features two independent alarms. These can be used for weekday and weekend, or husband and wife use.

1. Press and hold Alarm1 or Alarm2 **(14** or **18)** until the alarm time display begins to flash.

2. While the display is flashing, use the "WAKE TO" button (**16**) to select Radio, Buzz, or iPod. If you select iPod, be sure the iPod is mounted in the dock **(6)**.

3. While the display is flashing, use the TUNING UP/DOWN/SKIP ◄◄ ►►◄ button **(7)** to set the wake up hour. Cycle through the first 12 hours to set a "PM" wake up time.

4. Press Alarm1 or Alarm2 **(14** or **18)** again to set the minutes.

5. While the display is flashing, use the TUNING UP/DOWN/SKIP ◄◄ ►►◄ button **(7)** to set the minutes.

6. If you choose RADIO or iPod as your WAKE TO sound, you can adjust the WAKE TO volume by pressing the "VOLUME" **(2)** and then setting the volume to the desired level

7. Repeat the above steps to set the other alarm.

Activating the alarm

1. Press ALARM1 or ALARM2 briefly to turn on the respective alarm. The corresponding alarm window will illuminate in the display. Confirm that the wake up time shown is correct. If you do not want the backlight to be on, press ALARM1 or ALARM2 a second time to extinguish the backlight.

2. Press the ON/STANDBY button **(11)** or the SLEEP button **(16)** so that the unit will be in standby mode when the wake up time arrives. The alarm WILL NOT FUNCTION if the unit is playing at wake up time.

3. If radio was selected for the wake-up sound, tune to the station that you wish to wake to before completing step 2.

4. Likewise, if iPod was selected as the wake up sound, be sure that your iPod is inserted in the dock before completing step 2.

5. To turn off the alarm, press ALARM1 OR ALARM2 until the corresponding alarm window becomes dark AND blank.

SNOOZE function

1. Available after the KC-120ST has been activated by one of the alarms.

2. Press the SNOOZE/DIMMER button **(1)** to silence the unit for 10 minutes. You can repeatedly press the SNOOZE button for up to one hour after the initial wake up time.

3. Pressing ON/STANDBY **(11)** will disable the snooze timer. ALARM1 **(14)** or ALARM2 **(18)** can also be turned off to disable to snooze timer.

DIMMER

1. Press the SNOOZE/DIMMER button **(1)** to adjust the brightness of the display. Display brightness adjustment is available when the unit is in standby or has been turned on via the ON/STANDBY button **(11).**

2. The dimmer function is NOT available when the KC-120ST has been activated by one of the alarms.

3. Projected time brightness can be set to bright, dim, or off by pressing the WAKE TO button **(17)** while the KC-120ST is in standby mode.

iPod use

1. It is <u>very important</u> to use the correct adapter for your iPod. The adapter aligns the connector on the bottom of the iPod with the connector on the KC-120ST. Use of an oversize or worse, no adapter can lead to mechanical damage to the iPod's connector or to the one on the KC-120ST. Damage of this sort is NOT covered under the warranty.

2. Current and future "dockable" iPods ship with adapters that fit the universal well on the KC-120ST. This insures that your KC-120ST will not become obsolete when you purchase a new iPod.

3. Snap-in adapters are included for the following iPod models:

   a. iPod nano 2nd generation (aluminum) 2GB 4GB 8GB
   b. iPod 5th generation (video) 30GB
   c. iPod nano 1st generation 1GB 2GB 4GB
   d. iPod 4th generation (color display) 40GB 60GB
   e. iPod 4th generation 40 GB
   f. iPod 4th generation 20 GB

4. The KC-120ST will fully charge an iPod when the iPod is mounted in the dock and the KC-120ST's adapter is plugged into an AC outlet.

5. To listen to your iPod, place it in the dock and press the PLAY/PAUSE **(8)** button.

6. Press the PLAY/PAUSE button **(8)** again to stop and resume playback.

7. Press the TUNING UP/DOWN/SKIP ◄◄ ►►I buttons **(7)** to change tracks.

8. Press and hold either of the TUNING UP/DOWN/SKIP ◄◄ ►►I buttons **(7)** to quickly move to a point in a recording that you want to begin listening from. Release the button when the desired point is located.

Using the AUX input (21)

1. Activate the AUX input by selecting AUX with the SOURCE button **(10)**.

2. Any device that has a standard 3.5 mm (1/8 inch) headphone jack can be played through the KC-120ST. Use the supplied 3.5 mm to 3.5 mm stereo interconnect cable to connect the device's headphone jack to the AUX input on the back of the KC-120ST. Activate the AUX input by selecting AUX with the SOURCE button **(10)**.

3. Volume can be controlled from the external device or from the KC-120ST. Normally, the volume of the external device should be set to approximately half of maximum and the listening volume controlled from the KC-120ST. If you notice distortion at low volume, turn down the volume on the external device.

4. Laptop computers, Portable DVD, CD, MP3, Tape players, and hand-held TVs are ideal devices to connect via the AUX input.

Room **Temperature** and **Humidity** are displayed in the main window **(12)**. When the humidity is below 40% the display will show "LO". When it is above 90%, it will show "HI". Likewise, the display will show "LO" when the temperature is below 40 degrees, and "HI" when the temperature is above 110 degrees.

User notes:

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WARRANTY
ONE-YEAR NEW PRODUCT WARRANTY
VALID ONLY IN THE U.S.A. ON NON-REFURBISHED PRODUCTS

This **musicdock**™ by KLH product is warranted to be free from defects in workmanship and materials under normal use and service for a period of one year from the date of original purchase. During the warranty period, KLH agrees to repair or replace defective components without charge to the original purchaser. To obtain service, the purchaser must return the component to KLH. The purchaser will pay all costs incurred in returning product to KLH. KLH assumes no risk until the product is accepted at our facility. Upon receipt and at its sole discretion, KLH will repair or replace defective component using new or refurbished parts. KLH agrees to return product to the purchaser prepaid, by the shipment method of its choice. Replaced components are warranted to be free from defects in workmanship and materials for the balance of the original product's warranty period based on the original purchase date.

To obtain service under this warranty, a legible copy *of the original dated purchase invoice must be included with the returned product. Do not send the original invoice.*

The liability of KLH will be limited to the purchase price of the product, and KLH will not be liable for incidental or consequential damages. KLH limits its obligations under any implied warranties under state laws to a length of time not to exceed the warranty period. Some states do not allow limitations on the length of an implied warranty. Additionally, some states do not allow the exclusion or limitation of incidental or consequential damages. The above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary, from state to state.

KLH Audio Systems
16250 Stagg St.
Van Nuys, CA 91406

Customer service: (818) 767-2843 ext. 117