

# SHARP

MUSIC SYSTEM FOR iPod®

MODEL

# DK-CL6N DK-CL66N

## OPERATION MANUAL

Thank you for purchasing this SHARP product. To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product.

The illustrations printed in this operation manual are for the model DK-CL6N.



iPod is a registered trademark of Apple Inc., registered in the U.S. and other countries.

## Accessories

Please confirm that only the following accessories are included.



Remote control x 1  
(DK-CL6N only)  
92L0EPDKCL6N00



AC/DC adaptor x 1  
92LTPW12V12A00



AM loop antenna x 1

# SPECIAL NOTES



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**Explanation of Graphical Symbols:**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "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 user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**This product is classified as a CLASS 1 LASER PRODUCT Caution - Use of any controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.**

**Note to CATV system installer:**  
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code that 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.

"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

## NOTE

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 provide 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 or more of the following measures:

- Reorient or relocate 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.

## WARNING

FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

## Note:

- Licensed under one or more of U.S. Pat. 4,972,484, 5,214,678, 5,233,396, 5,530,655, 5,539,829, 5,544,247, 5,606,618, 5,610,985, 5,740,317, 5,777,992, 5,878,080 or 5,960,037.

## FOR YOUR RECORDS

For your assistance in reporting this unit in case of loss or theft, please record below the model number and serial number which are located on the rear of the unit. Please retain this information.

**Model number** .....

**Serial number** .....

**Date of purchase** .....

**Place of purchase** .....

## IMPORTANT SAFETY INSTRUCTIONS

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of this product, please read the following precautions carefully before use.

- 1) Read these instructions.
  - 2) Keep these instructions.
  - 3) Heed all warnings.
  - 4) Follow all instructions.
  - 5) Do not use this apparatus near water.
  - 6) Clean only with dry cloth.
  - 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
  - 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
  - 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  - 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  - 11) Only use attachments/accessories specified by the manufacturer.
  - 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
  - 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
  - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Additional Safety Information**
- 15) 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 product intended to operate from battery power, or other sources, refer to the operating instructions.
  - 16) Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.



# IMPORTANT SAFETY INSTRUCTIONS (continued)

17) 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 of any kind on the product.

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

- When the AC cord or plug is damaged,
- If liquid has been spilled, or objects have fallen into the product,
- If the product has been exposed to rain or water,
- 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,
- If the product has been dropped or damaged in any way, and
- When the product exhibits a distinct change in performance - this indicates a need for service.

19) 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.

20) 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.

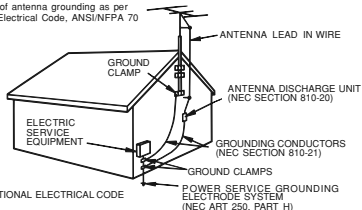
21) Wall or ceiling mounting - When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.

22) 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.

23) 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 regards to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

24) Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70



NEC - NATIONAL ELECTRICAL CODE S2988A

25) Stand - Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.

## SPECIAL NOTES

### ENERGY STAR® Program Information



Products that have earned the ENERGY STAR® are designed to protect the environment through superior energy efficiency.

ENERGY STAR® is a U.S. registered mark.

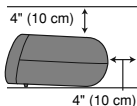
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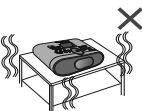
# Precautions

## General

- Please ensure that the equipment is positioned in a well-ventilated area and ensure that there is at least 4" (10 cm) of free space along the sides, top and back of the equipment.



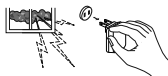
- Use the unit on a firm, level surface free from vibration.



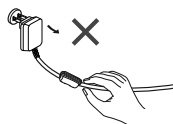
- Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic/electrical equipment (home computers, facsimiles, etc.) which generate electrical noise.



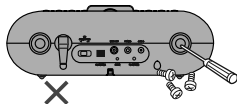
- Do not place anything on top of the unit.
- Do not expose the unit to moisture, to temperatures higher than 140°F (60°C) or to extremely low temperatures.
- If your system does not work properly, disconnect the AC/DC adaptor from the AC outlet. Plug the AC/DC adaptor back in, and then turn on your system.
- In case of an electrical storm, unplug the unit for safety.



- Hold the AC/DC adaptor by the head when removing it from the AC outlet, as pulling the cord can damage internal wires.
- The AC/DC adaptor is used as a disconnect device and shall always remain readily operable.



- Do not remove the outer cover, as this may result in electric shock. Refer internal service to your local SHARP service facility.



- This unit should only be used within the range of 41°F - 95°F (5°C - 35°C).

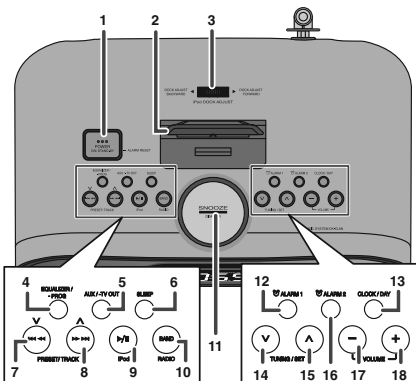
### Warning:

The voltage used must be the same as that specified on this unit. Using this product with a higher voltage other than that which is specified is dangerous and may result in a fire or other type of accident causing damage. SHARP will not be held responsible for any damage resulting from use of this unit with a voltage other than that which is specified.

## Volume control

The sound level at a given volume setting depends on speaker efficiency, location and various other factors. It is advisable to avoid exposure to high volume levels, which occurs while turning the unit on with the volume control setting up high, or while continually listening at high volumes. Excessive sound pressure from earphones and headphones can cause hearing loss.

# Controls and indicators



## Top panel

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| 1. Power On/stand-by Button           | 7, 8, 10 |
| 2. iPod Dock                          | 9        |
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| 4. Equalizer-/Program Button          | 8        |
| 5. Auxiliary-/TV Out Button           | 10       |
| 6. Sleep Button                       | 10       |
| 7. Skip Down Preset/Track Down Button | 10       |
| 8. Skip Up Preset/Track Up Button     | 10       |
| 9. iPod Play/Pause Button             | 10       |
| 10. Radio (Band) Button               | 10       |
| 11. Snooze/Dimmer Button              | 10, 14   |
| 12. Alarm 1 Button                    | 11, 12   |
| 13. Clock/Day Button                  | 8        |
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| 15. Tuning/Set Up Button              | 8, 10    |
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| 17. Volume Down Button                | 8        |
| 18. Volume Up Button                  | 8        |



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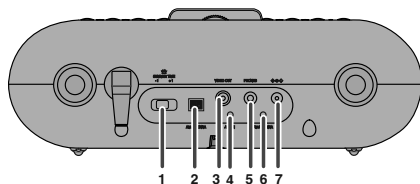
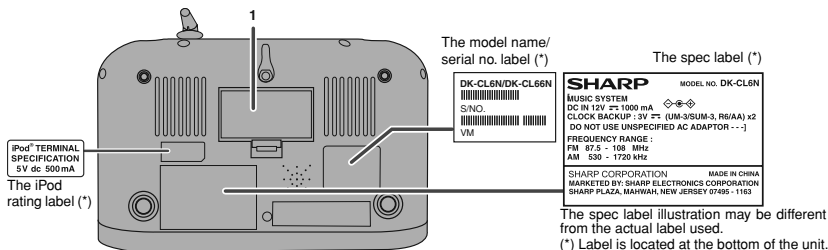
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| 10. Alarm Indicator         | 14     |

## Bottom view

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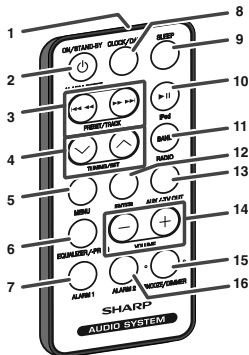
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| 6. Equalizer/Program Button         | 8, 10, 11 |
| 7. Alarm 1 Button                   | 10, 13    |
| 8. Clock/Day Button                 | 8         |
| 9. Sleep Button                     | 8, 10     |
| 10. iPod Play/Pause Button          | 10        |
| 11. Radio (Band) Button             | 10        |
| 12. Enter Button                    | 10        |
| 13. Auxiliary/TV Out Button         | 8, 11     |
| 14. Volume Up and Down Buttons      | 8         |
| 15. Snooze/Dimmer Button            | 8, 12     |
| 16. Alarm 2 Button                  | 10, 13    |

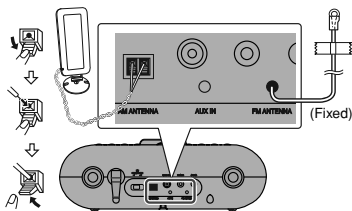
# System connections

Make sure to unplug the AC/DC adaptor before making any connections.

## Antenna connection

### Supplied AM loop antenna:

Connect the AM loop antenna to the AM and GND terminals. Position the AM loop antenna for optimum reception. Place the AM loop antenna on a shelf, etc., or attach it to a stand or a wall with screws (not supplied).

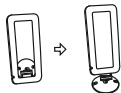


### Note:

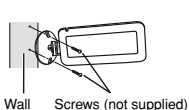
Placing the antenna on the unit or near the AC power cord may cause noise pickup. Place the antenna away from the unit for better reception.

### Installing the AM loop antenna:

< Assembling >

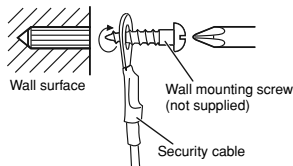


< Attaching to the wall >



## Installing the security cable (For DK-CL66N only)

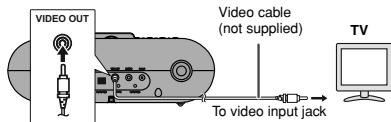
SHARP designed the unit (DK-CL66N only). So you may fix the security cable on the wall. Use proper screw (not supplied) to fix screw into the wall for security cable, as shown in the illustration.



## Connecting iPod to TV

Photo and video files from iPod can be viewed by connecting the system to TV/monitor.

If the TV/monitor has a video input, connect it to the VIDEO OUT jack at the back of the unit and set the TV Out on the iPod unit to "ON" position.



## Watching videos on a TV connected to iPod

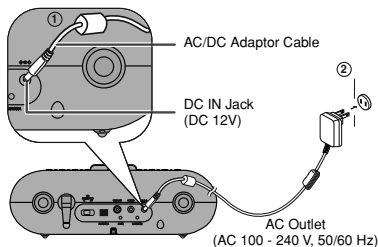
- 1 Enter the iPod menu.
- 2 Select the desired video from the iPod unit.
- 3 Press the ►/|| button on the iPod unit to start playback.

### Notes:

- To return to watching video on iPod screen, press and hold the AUX/-TV OUT until the beep sound heard.
- During iPod video playback, pressing the AUX/-TV OUT button until the beep sound heard will not toggle video out display between iPod and TV.
- Please make sure to set iPod unit to either NTSC or PAL to match your TV signal. Please visit Apple's home page for further information.
- Customer should also refer iPod operation manual before making video out setting.

## AC/DC adaptor connection

- 1 Plug the AC/DC adaptor cable into the DC IN jack on the unit.
- 2 Plug the AC/DC adaptor into an AC outlet.



### Notes:

- Unplug the AC/DC adaptor from the AC outlet if the unit will not be used for a prolonged period of time.
- Connecting the AC/DC adaptor to the unit disconnects the batteries.
- Use only the supplied AC/DC adaptor. Using other AC/DC adaptor may cause an electric shock or fire.
- The unit does not operate with batteries. Backup batteries is to provide continuous alarm and clock setting during power failure.

## System connections (continued)

### Install/Replace backup batteries

Use 2 "AA" size batteries (UM/SUM-3, R6, HP-7 or similar). Batteries are not included.

- 1 Open the battery cover.  
Slide the cover in the direction of the arrow.
- 2 Insert the batteries according to the direction indicated in the battery compartment.
- 3 Close the cover.

#### Notes:

- Backup battery system to provide continuous alarm operation and clock setting in event of a power failure. If the battery low indicator display is flashing, replace the backup batteries. Please make sure the AC adaptor is connected, otherwise all setting may be lost during battery replacement.
- Remove the batteries if the unit will not be used for a long period of time to prevent battery leakage which may cause potential damage.

#### Battery life:

|              |                      |
|--------------|----------------------|
| Battery type | ALKALINE (AA) (1.5V) |
| Usage time   | Approx. P hrs.       |

#### Note:

Battery life may vary depending on the temperature, battery types and usage conditions.

#### Precautions for battery use:

- Installing the batteries incorrectly may cause the unit to malfunction.
- Insert the batteries according to the direction indicated in the battery compartment.
- Replace all old batteries with new ones at the same time.
- Do not mix old and new batteries.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

#### Caution:

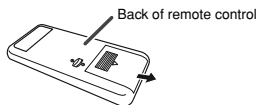
Do not use rechargeable batteries (nickel-cadmium battery, etc.).

## Remote control (For DK-CL6N only)

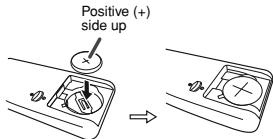
### Battery installation

This product contains a CR Coin Lithium Battery which contains Perchlorate Material – special handling may apply. California residents, see [www.dtsc.ca.gov/hazardouswaste/perchlorate/](http://www.dtsc.ca.gov/hazardouswaste/perchlorate/)

- 1 Open the battery cover.  
Slide the cover in the direction of the arrow.



- 2 Insert the battery according to the direction indicated in the battery compartment.



#### Precautions for battery use:

- Remove the battery if the unit will not be used for a long period of time. This will prevent potential damage due to battery leakage.

#### Caution:

- Do not use rechargeable battery (nickel-cadmium battery, etc.).
- Danger of explosion if battery is incorrectly replaced.
- Replace only with the same or equivalent type.
- Batteries (battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Installing the battery incorrectly may cause the unit to malfunction.

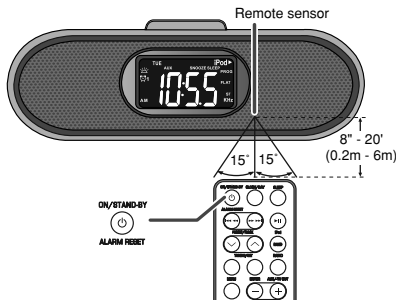
#### Notes concerning use:

- Replace the battery if the operating distance is reduced or if the operation becomes erratic. Purchase "CR 2032" 3 V, coin lithium battery.
- Periodically clean the transmitter on the remote control and the sensor on the unit with a soft cloth.
- Exposing the sensor on the unit to strong light may interfere with operation. Change the lighting or the direction of the unit if this occurs.
- Keep the remote control away from moisture, heat, shock, and vibrations.

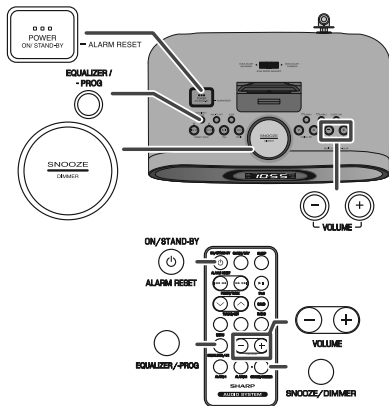
### Test of the remote control

Check the remote control after checking all the connections (see pages 6 - 7).  
Point the remote control directly at the remote sensor on the unit.

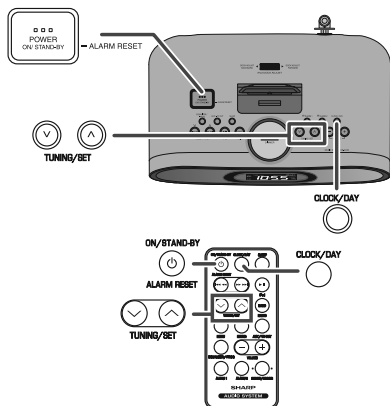
**The remote control can be used within the range shown below:**  
Press the ON/STAND-BY button. Does the power turn on? Now, you can enjoy the music.



## General control



## Setting the clock and day



### To turn the power on

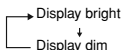
Press the ON/STAND-BY button to turn the power on.

#### After use:

Press the ON/STAND-BY button to enter the power stand-by mode. The STAND-BY indicator will turn on.

### Display brightness control (DIMMER)

Press the SNOOZE/DIMMER button to adjust the brightness of LCD display.



### Volume auto fade-in

If you turn off and on the main unit with the volume set to 17 or higher, the volume starts at 16 and fades in to the last set level.

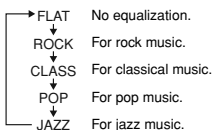
### Volume control

**Main unit and remote control operation:** Press the VOLUME (+ or -) button to increase or decrease the volume.



### Equalizer

When the EQUALIZER/PROG button is pressed, the current mode setting will be displayed. To change to a different mode, press the EQUALIZER/PROG button repeatedly until the desired sound mode appears.



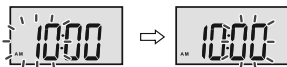
#### Note:

The backup function will protect the memorized function mode for a few days should there be a power failure or the AC power cord becomes disconnected.

- 1 Press the CLOCK/DAY button for more than 2 seconds. The clock time display will flashing.

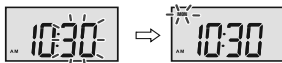


- 2 Press the TUNING/SET (∨ or ∧) button to adjust the hour and then press the CLOCK/DAY button.



Press the TUNING/SET (∨ or ∧) button once to advance the time by 1 hour. Hold it down to advance continuously. "AM" or "PM" indicator will interchange after each 12 hour cyclic.

- 3 Press the TUNING/SET (∨ or ∧) button to adjust the minutes and then press the CLOCK/DAY button.



Press the TUNING/SET (∨ or ∧) button once to advance the time by 1 minute. Hold it down to change the time in 5-minutes interval.

- 4 Press the TUNING/SET (∨ or ∧) button to adjust the day and then press the CLOCK/DAY button.



Two beeps will indicate clock and day setting is complete.

#### Summer Time:

The Summer Time switch is located on the rear of the unit.

- 1 Slide the Summer Time switch to +1 to advance the time 1 hour. ∨ indicator will appear.
- 2 Slide the Summer Time switch to -1 to turn the clock back 1 hour.





# Listening to the iPod

## Supported iPod models:

- iPod nano (software 1.2 above)
- iPod mini (software 1.2 above)
- iPod (5<sup>th</sup> generation) (software 1.3 above) (Dock connector equipped Click Wheel model)
- iPod (4<sup>th</sup> generation) (software 3.0.2 above) (Dock connector equipped Click Wheel model)
- iPod nano (2<sup>nd</sup> generation) (software 1.0.0 above)
- iPod nano (3<sup>rd</sup> generation) (software 1.0.3 above)
- iPod nano (4<sup>th</sup> generation) (software 1.0.3 above)
- iPod classic (software 1.0.3 above)
- iPod touch (software 1.1 above)
- iPod touch (2<sup>nd</sup> generation) (software 2.1 above)

## Caution:

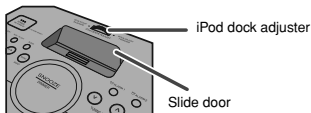
- Please update your iPod unit to the latest software version before using it. Please visit Apple's homepage to download the latest version for your iPod.

## Notes:

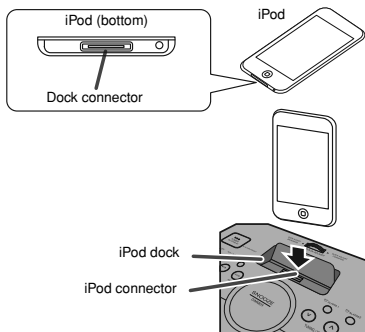
- Once the iPod is connected to the unit it will begin charging.
- The iPod unit will not be charged while the main unit is in the stand-by mode.

## How to use iPod adjuster

- 1 Turn the iPod dock adjuster dial to move slide door backwards until end.



- 2 Connect your iPod into the unit and turn iPod dock adjuster dial until iPod is firmly supported in the dock.



## iPod adjuster connection

This unit comes with the iPod dock adjuster. iPod adaptors are not supplied.

## Notes:

- If you have an iPod that does not have an iPod 30 Pin connector, you can use an audio cable to connect it to the AUX IN jack.
- iPhone is not supported by this system.

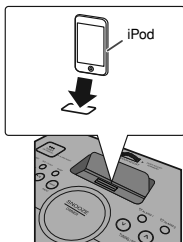
## Auto power on function:

When you press any of the following buttons, the unit turns on in iPod function and playback the last track.

- ►/|| button on the main unit or remote control (DK-CL6N only).

## iPod playback

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the iPod ►/|| button on main unit or remote control once.
- 3 Insert iPod unit in the iPod dock of main unit. Turn dock adjustable dial until the iPod is firmly supported.







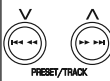
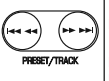
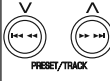
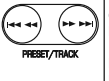





- 4 Press the ►/|| button to start playback.  
For iPod touch, playback will automatically start once the desired file is selected.

## To disconnect iPod

Simply remove the iPod from the iPod dock. It is safe to do so even during playback.

## Listening to the iPod (continued)

### Various iPod functions

| Function             | Main unit   | Remote control  | Operation  |
|----------------------|---|---|--|
| Play                 | <br>iPod         | <br>iPod         | Press in the pause mode.   |
| Pause                | <br>iPod         | <br>iPod         | Press in the playback mode.  |
| Track up/down        | <br>PRESET/TRACK | <br>PRESET/TRACK | Press in the playback or pause mode.<br>If you press the button in the pause mode, press the ►/   button to start the desired track. |
| Fast forward/reverse | <br>PRESET/TRACK | <br>PRESET/TRACK | Press and hold down in the playback mode.<br>Release the button to toggle the video out display between iPod or TV.                  |
| AUX/TV OUT           | <br>AUX/TV OUT   | <br>AUX/TV OUT   | Aux function.<br>Press for more than 2 seconds to toggle the video out display between iPod or TV.                                   |
| Menu                 | —   | <br>MENU         | Press to view the iPod menu during iPod function.  |
| Enter                | —   | <br>ENTER        | Press to confirm the selection.  |
| Cursor               | —   | <br>TUNING/SET   | Press to select iPod menu.   |

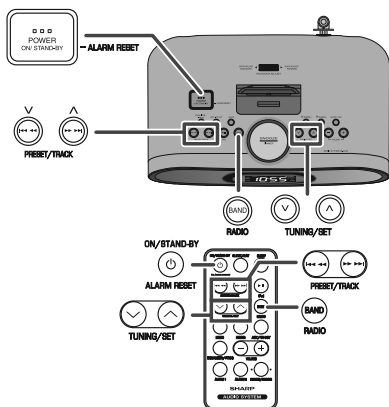
#### iPod operation

The operations described below depend on the generation iPod you are using.

#### Caution:

- Unplug all accessories for the iPod before inserting it into the iPod dock.

## Listening to the radio



#### Auto power on function:

When you press RADIO (BAND) button, the unit turns on in Tuner function.

### Tuning

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the RADIO (BAND) button to select the Tuner function.
- 3 Press the RADIO (BAND) button again to select the frequency band.

FM Mono → FM Stereo → AM

- 4 Tune to the desired station.

#### Manual tuning:

To preview the tuner frequency, press PRESET/TRACK or TUNING/SET button once.

#### Auto tuning:

When the PRESET/TRACK (◀◀ or ▶▶) button is pressed for more than 0.5 seconds, scanning will start automatically and the tuner will stop at the first receivable broadcast station.

#### Notes:

- After 5 seconds the tuner frequency will change to time display. To preview the tuner frequency, press PRESET/TRACK or TUNING/SET button once.
- When radio interference occurs, auto scan tuning may stop automatically at that point.
- Auto scan tuning will skip weak signal stations.
- To stop the auto tuning, press the PRESET/TRACK (◀ or ▶) button again.

#### Receiving an FM stereo transmission:

Press the RADIO (BAND) button on the main unit to select the frequency band in FM stereo mode.

- "ST" will appear when an FM broadcast is in stereo.
- If the FM reception is weak, press the RADIO (BAND) button to change to FM mono mode. The reception changes to monaural, and the sound becomes clearer.



FM stereo receiving indicator

## Listening to the radio (continued)

### Memorizing a station

You can store 10 AM and 10 FM stations in memory and recall them at the push of a button. (Preset tuning)

- 1 Perform steps 1 - 4 in "Tuning" on page 10.
- 2 Press the EQUALIZER/-PROG button for more than 2 seconds on the main unit or remote control (DK-CL6N only) to enter the preset tuning saving mode.



- 3 Within 1 minute, press the ◀◀ or ▶▶ button to select the preset channel number.

Store the stations in memory, in order, starting with preset channel 1.

- 4 Within 1 minute, press the EQUALIZER/-PROG button on remote control to store that station in memory.



If the preset number indicators disappear before the station is memorized, repeat the operation from step 2.

- 5 Repeat steps 1 - 4 to set other stations, or to change a preset station.

When a new station is stored in memory, the station previously memorized for that preset channel number will be erased.

#### Note:

The backup batteries function protects the memorized stations should there be a power failure or the AC power cord becomes disconnected. If the backup batteries are drain off, the memorized stations will be erased.

### To recall a memorized station

Press the ◀◀ or ▶▶ button for less than 0.5 seconds to select the desired station.

## Alarm and sleep operation

### Alarm

The unit turns on and play desired source (iPod or TUNER) or Buzzer sound for 1 hour alarm cycle.

#### Before setting the alarm:

- 1 Check that the clock is set to the correct time. (refer page 8)  
If it is not set, you cannot use the alarm function.
- 2 For iPod playback: Insert iPod to the unit. (refer page 9)
- 3 For TUNER: Set preset memory. (refer left)



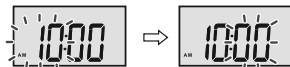
#### Setting the alarms

In this example, the setting is for ALARM 1. The same method is used to set for ALARM 2.

- 1 Press and hold the ALARM 1 button until the alarm time flashing.

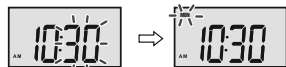


- 2 Press the TUNING/SET (✓ or ^) button to adjust the hour and then press the ALARM 1 button.



Press the TUNING/SET (✓ or ^) button once to advance the time by 1 hour. Hold it down to advance continuously. "AM" or "PM" indicator will interchange after each 12 hour cyclic.

- 3 Press the TUNING/SET (✓ or ^) button to adjust the minutes and then press the ALARM 1 button.



Press the TUNING/SET (✓ or ^) button once to advance the time by 1 minute. Hold it down to change the time in 5 minutes interval.

- 4 Press the TUNING/SET (✓ or ^) button to select the wake up source and then press the ALARM 1 button.



Wake up source:

BUZZER → RADIO → iPod

Two beeps will indicate alarm setting is complete.

#### Note:

If wake up source is set to iPod, and iPod is not present, the alarm source will change to default Buzzer.

#### Caution:

During alarm activation, sound will be not output to the speaker if headphones is plugged in. Make sure to unplug the headphones if it is not used.

#### Volume auto fade-in (Alarm mode)

- If turn off the main unit with the volume set to lower than Vol 16, the wake up alarm volume will start at last set level and fades into the Vol 16.
- If turn off the main unit with the volume set to higher than Vol 16, the wake up alarm volume will starts at Vol 16 and fades into the last set level.

## Alarm and sleep operation (continued)

### ■ Activate and deactivate the alarm

- 1 Press an ALARM 1 or ALARM 2 button to preview current alarm times and source.
- 2 Within 2 seconds, press again to activate or deactivate the alarm function. 1 beep sound will indicate the alarm is activated or deactivated. When activate the alarm setting time, wake up source and alarm icon (☺ 1 or ☺ 2) appear on display.

#### Daily Alarm:

- During alarm is function, press ALARM RESET button to stop alarm and it will come again on the next day.

#### Sure Alarm:

- When power failure, the buzzer alarm will function if the backup batteries are installed.

### ■ Snooze function

Once alarm has started, pressing the SNOOZE/DIMMER button will stop alarm for 9 minutes.

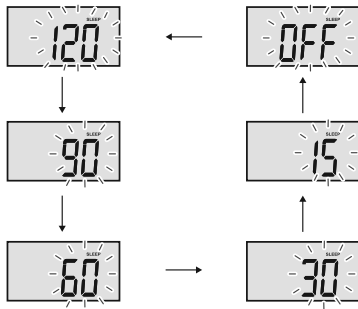
Once the snooze time has expired, alarm will continue.

The snooze function can be operated during 1 hour alarm cycle.

### ■ Sleep operation

The radio and iPod can be turned off automatically.

- 1 Playback the desired sound source.
- 2 Press the SLEEP button on the main unit or remote control (DK-CL6N only) to select sleep time.



- 3 After 10 seconds the display will return to previous mode and sleep indicator appears.



#### To confirm the remaining sleep time:

- 1 While "SLEEP" is indicated, press the SLEEP button once to select "SLEEP XXX".
  - "XXX" is sleep remaining time.
  - The remaining sleep time is displayed for about 10 seconds.
  - You can change the remaining sleep time while it is displayed by pressing the SLEEP button (step 2).

#### To cancel the sleep operation:

Press the ON/STAND-BY button while "SLEEP" is indicated. To cancel the sleep operation without setting the unit to the stand-by mode, proceed as follows.

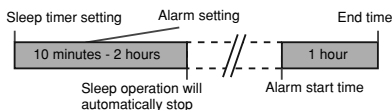
- 1 While "SLEEP" is indicated, press the SLEEP button to select "SLEEP OFF".

### ■ To use alarm and sleep operation together

#### Sleep and alarm:

For example, you can fall asleep listening to the radio and wake up to iPod in the next morning.

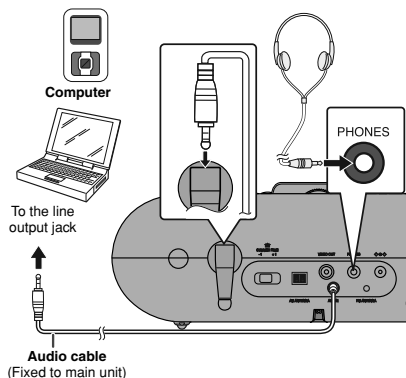
- 1 Set the sleep time (see left, steps 1 - 4).
- 2 While the sleep timer is set, set the alarm (steps 1 - 4, page 11).
- 3 Activate the alarm (page 12).



## Enhancing your system

The auxiliary cable is attached to the main unit. When the audio cable is not used, place it to the holder provided on the main unit.

### Portable audio player



### Auto power on function:

When you press once AUX-TV OUT button, AUX function will turn on.

### Listening to the playback sounds from VCR, DVD, etc.

- Use an auxiliary cable to connect the VCR, DVD etc.  
When using video equipment, connect the audio output to this unit and the video output to a television.
- Press the ON/STAND-BY button to turn the power on.
- Press the AUX-TV OUT button on main unit or remote control (DK-CL6N only).
- Play the connected equipment.

### Note:

To prevent noise interference, place the unit away from the television.

### Headphones

- Do not turn the volume on to full at switch on. Listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.
- Before plugging in or unplugging the headphones, reduce the volume.
- Be sure your headphones have a 1/8" (3.5 mm) diameter plug and impedance between 16 and 50 ohms. The recommended impedance is 32 ohms.
- Plugging in the headphones disconnects the speakers automatically. Adjust the volume using the VOLUME (+ or -) button.
- During alarm activation, sound will be not output to the speaker if headphones is plugged in. Make sure to unplug the headphones if it is not used.

## Troubleshooting chart

Many potential problems can be resolved by the owner without calling a service technician.

If something is wrong with this product, check the following before calling your authorized SHARP dealer or service center.

### General

| Symptom  | Possible cause  |
|--|---|
| <ul style="list-style-type: none"> <li>The clock is not set to the correct time.</li> </ul>            | <ul style="list-style-type: none"> <li>Is the Summer Time switch set to the correct setting? (Refer to page 8)</li> <li>Did a power failure occur? Reset the clock. (Refer to page 14)</li> </ul> |
| <ul style="list-style-type: none"> <li>When a button is pressed, the unit does not respond.</li> </ul> | <ul style="list-style-type: none"> <li>Set the unit to the power stand-by mode and then turn it back on.</li> <li>If the unit still malfunctions, reset it. (Refer to page 14)</li> </ul>         |
| <ul style="list-style-type: none"> <li>No sound is heard.</li> </ul>                                   | <ul style="list-style-type: none"> <li>Is the volume level set to "0"?</li> <li>Are the headphones connected?</li> </ul>  |

### Remote control

| Symptom  | Possible cause  |
|--|---|
| <ul style="list-style-type: none"> <li>The remote control does not operate.</li> </ul> | <ul style="list-style-type: none"> <li>Is the AC/DC adaptor of the unit plugged in?</li> <li>Is the battery polarity correct?</li> <li>Is the battery dead?</li> <li>Is the distance or angle incorrect?</li> <li>Does the remote control sensor receive strong light?</li> </ul> |

### Tuner

| Symptom  | Possible cause   |
|--|--|
| <ul style="list-style-type: none"> <li>The radio makes unusual noises continuously.</li> </ul> | <ul style="list-style-type: none"> <li>Is the unit placed near the TV or computer?</li> <li>Is the FM antenna or AM loop antenna placed properly? Move the antenna away from the AC power cord if it is located nearby.</li> </ul> |

### iPod

| Symptom   | Possible cause   |
|---|--|
| <ul style="list-style-type: none"> <li>No sound is produced. No image appears on the TV/monitor.</li> </ul> | <ul style="list-style-type: none"> <li>The iPod is not playing.</li> <li>The iPod is not properly connected to the unit.</li> <li>Is the AC/DC adaptor of the unit plugged in?</li> <li>The video cable is not properly connected.</li> <li>The TV/monitor's input selection is not properly set.</li> </ul> |
| <ul style="list-style-type: none"> <li>iPod will not charge.</li> </ul>                                     | <ul style="list-style-type: none"> <li>The iPod is not making full contact with the iPod connector.</li> <li>The main unit is in stand-by mode.</li> <li>Using 3<sup>rd</sup> generation iPod.</li> </ul>  |

## Troubleshooting chart (continued)

### ■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet or on the transmitter or the remote control.

Condensation can cause the unit to malfunction. If this happens, leave the power on until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the unit.

### ■ If problem occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

**If such a problem occurs, do the following:**

- 1 Set the unit to the stand-by mode and turn the power on again.
- 2 If the unit is not restored in the previous operation, unplug and plug in the unit, and then turn the power on.

**Note:**

If neither operation above restores the unit, remove the backup batteries.

### ■ Clearing all the memory (reset)

Remove the backup battery from the main unit without connecting the AC/DC adaptor.

**Caution:**

This operation will erase all data stored in memory including clock, alarm settings and tuner preset.

### ■ Before transporting the unit

Remove the iPod from the unit. Then, set the unit to the power standby mode. Carrying the unit with iPod left docked might damage both the unit and the iPod.

## Maintenance

### ■ Cleaning the unit

Periodically wipe the unit with a clean soft cloth.

**Caution:**

- Do not use chemicals for cleaning (gasoline, paint thinner, etc.). It may damage the unit finishing.
- Do not apply oil to the inside of the unit. It may cause malfunctions.

## Specifications

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

### ■ General

|                                    |  |
|------------------------------------|--|
| <b>Power source</b>                | DC IN 12V $\approx$ 1A: AC/DC adaptor (AC 100 - 240 V $\sim$ 50/60 Hz)<br>Clock Backup: 3V $\approx$ (UM-3/SUM-3, R6/AA) x 2 |
| <b>Power consumption</b>           | P W  |
| <b>Output power</b>                | Front speakers:<br>2 watts minimum RMS per channel into 8 ohms from 100 Hz to 20 KHz, 10% total harmonic distortion.         |
| <b>Speaker</b>                     | 1-way type speaker system<br>2.5" (6.5 cm) Full Range  |
| <b>Speaker maximum input power</b> | 4 W/Channel  |
| <b>Speaker rated input power</b>   | 2 W/Channel  |
| <b>Output terminals</b>            | Headphones: 16 - 50 ohms (recommended: 32 ohms)<br>Video output: 1Vp-p   |
| <b>Input terminals</b>             | Auxiliary (audio signal):<br>500 mV/47 k ohms  |
| <b>Dimensions</b>                  | Width: 9-31/64" (241 mm)<br>Height: 2-61/64" (75 mm)<br>Depth: 5-29/32" (150 mm)   |
| <b>Weight</b>                      | P lbs. (P kg)  |

### ■ Tuner

|                        |   |
|------------------------|---|
| <b>Frequency range</b> | FM: 87.5 - 108.0 MHz<br>AM: 530 - 1,720 kHz |
|------------------------|---|

## MEMO

## CONSUMER LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when ship in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to improper voltage or other misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Sharp.

The warranties described herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

### Model Specific Section

#### Your Product Model Number & Description:

#### DK-CL6N/DK-CL66N Music System for iPod

(Be sure to have this information available when you need service for your Product.)

#### Warranty Period for this Product:

One (1) year parts and labor from the date of purchase.

#### Additional Item(s) Excluded from Warranty Coverage (if any):

Non-functional accessories, supplies, and consumable items.

#### Where to Obtain Service:

At a Sharp Authorized Servicer located in the United States. To find a location of the nearest Sharp Authorized Servicer, call Sharp toll free at 1-800-BE-SHARP.

#### What to do to Obtain Service:

Ship prepaid or carry in your Product to a Sharp Authorized Servicer. Be sure to have **Proof of Purchase** available. If you ship the Product, be sure it is insured and packaged securely.

TO OBTAIN SUPPLY, ACCESSORY OR PRODUCT INFORMATION, CALL **1-800-BE-SHARP**

# SHARP

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