**SLIM MICRO SYSTEM** 

## **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



Made for



HIGH SOUND QUALITY

THIS SIDE

Dock Spacer x 1

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SHARP CORPORATION

12C R MW (1)

device

Printed in Malavsia Wi-Fi network Setup for AirPlay / DLNA (continued)

■ Various function control during AirPlay / DLNA

Various function can be controlled from the remote contro

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 For DLNA compatible devices, the function control may ary depending on DLNA application used

To enable this unit to control iTunes software, the

1 On the toolbar menu, click iTunes and select

2 Under Devices tab. check the ' Allow iTunes

1 On the toolbar menu, click Edit and select

2 Under Devices tab, check the ' Allow iTunes

control from remote control speakers' box.

During stand-by mode, if select DK-KP95 speakers

through AirPlay icon and tap/click PLAY on AirPlay device

the unit will automatically power on and stream the music

During Stand-by mode, press DEMO button on remote

control to select the Network Stand-by mode on or off.

2 Press ▼/ ▲ button on the remote control repeatedly

(when using router) ← Mac ID ←

During programmed stop mode, press the ■ (CD ■)

button. The display will show "Memory Clear" and all the

If a program has been previously stored, the "MEM"

indicator will be displayed. Press the MEMORY button.

When the disc compartment is opened, the program is

If you press the POWER ON/STAND-BY button to

• During the program operation, random play is not

■ Procedure to playback MP3/WMA disc with

1 Press the CD/USB button, and load an MP3/WMA disc. Press

Total number of folder Total number of files

FOLDER number First track number

3 Select desired file to be played back by pressing the

4 Press the ►/II (CD ►/II) button. Playback will start and

Title, Artist and Album name are displayed if they are

• In case of playback with the folder mode on, press the PRESET (▼ or ▲) button, and the folder can be selected even though it is in playback/pause mode.

Display content can be changed by pressing the DISPLAY button.

L Album display ← Artist display ←

If "Not Support" is displayed, it means "Copyright protected WMA file" or "Not supported playback file" is selected.

The radio, compact disc. iPod. USB. Audio In. Network can

3 Within 5 seconds, press the Numeric button to set the

5 The unit will enter the power stand-by mode

While "SLEEP" is indicated, press the SLEEP button.

the unit to the stand-by mode, proceed as follows.

Press the POWER ON/STAND-BY button while "SLEEP"

is indicated. To cancel the sleep operation without setting

**1** While "SLEEP" is indicated, press the SLEEP button.

2 Within 5 seconds, press the "0" button twice until

■ To use timer and sleep operation together

For example, you can fall asleep listening to the radio and

2 While the sleep timer is set, set the timer playback

Desired time

Timer playback

automatically after the preset time has elapsed. The

volume will be turned down 1 minute before the sleen

It will continue playback/pause mode in the 1st track

Folder display

Title display

MP3 WMA

WMA indicator TOTAL indicator

7-1700 isc

the FOLDER button and disc info will be displayed.

playback folder. (Folder mode on)

enter the stand-by mode or change the function from CD to another, the programmed selections will be

1 Press iPod MENU button on the remote control.

To check the IP address of the router / Mac ID / SSID:

audio control from remote control speakers' box

control

MUTE

or your AirPlay / DLNA device

Volume up/

down

Play/pause

track

Mute

Display

For Mac iTunes:

Preferences.

For Window iTunes:

from your AirPlay device.

Network Stand-by mode

On: Network Stand-by mode is enable.

To enable the Network Stand-by mode:

The display will toggle as below:

SSID

To cancel the programmed play mode

Adding tracks to the program:

Then follow step 2 to add tracks

automatically canceled.

folder mode on

To play back CD-R/RW

FOLDER

indicator

Idd or ▶▶I button.

File name display

■ Sleep operation

all be turned off automatically.

2 Press the SLEEP button.

4 "SLEEP" will appear.

operation finishes.

1 Play back the desired sound source.

time. (1 minute ~ 99 minutes)

To confirm the remaining sleep time:

To cancel the sleep operation:

"SLEEP 00" appears.

Sleep and timer playback:

(steps 2 - 9, page 11)

1-99 minutes

E-12

Sleep operation will

automatically stop

Enhancing your system

wake up to CD in the next morning.

1 Set the sleep time (see above, steps 1 - 5).

Counter display

**E-8** 

Timer and sleep operation (Remote control only) (continued)

file name will be displayed.

recorded on the disc.

of the selected folder.

FM antenna x 1

(FANTI1535A)

11 Enter your network password if required (for some routers, you may also need to tick DHCP under Advance Setting). 12 Change the name of SHARP\_DK-KP95\_xxxxxxx in AirPlay Device Name if you like and click Apply (\*1 13 Click Apply (\*2) at the bottom of the page to apply your settings.



15 On the iPod touch/iPhone/iPad, select 'Settings' --> 'Wi-Fi' 16 Select your router from the list of available networks



■ Connection of an AirPlay device to the same Wi-Fi network You can add other AirPlay devices to join the same Wi-Fi

network as the unit. network as the unit.

1 On the iPod touch/iPhone/iPad, select 'Settings' --> 'Wi-Fi'.

On the PC/Mac, enter the list of available wireless networks.
For other DLNA compatible devices, turn on the Wi-Fi. For more details, refer to your devices' manual. 2 Select your router SSID from the list of available wireless



additional AirPlay devices to the router.

4 Continue with step 8 to 9 in 'Direct wireless connection' of page 3.

Listening to a CD or MP3/WMA disc (continued

C D RDM 1. 0:0

Selected track number

The tracks on the disc can be played in random order

Press and hold the PLAY MODE button on the remote control

● If you press the ▶ button during random play, you can

In random play, the unit will select and play tracks

You can choose up to 32 selections for playback in the order

1 While in the stop mode, press the MEMORY button on the remote

Note: To select track number 10 or higher, refer 'Direct

you want to check the programmed tracks, press the MEMORY button repeatedly. If you make a mistake, the programmed tracks can

3 Repeat step 2 for other tracks. Up to 32 tracks can be programmed. If

1 While in the stop mode, press the MEMORY button to

or 🛦) button on the PO1 2 580NGS

Note: To select track number 10 or higher, refer

11 Press the POWER ON/STAND-BY button to enter the

12 When the preset time is reached, playback will start.

13 When the timer end time is reached, the system will

The timer operates at the same time every selected day.

It will continue until the daily timer setting is canceled

When performing timer playback using another unit connected to the USB terminal or AUDIO IN jack, select "USB" or "AUDIO IN" in step 5.

This unit will turn on or enter the power stand-by mode

1 Turn the power on and press and hold down the

2 Within 10 seconds, press the ◄ or ▶ button to select

3 Within 10 seconds, press the ◄ or ▶ button to select

1 Turn the power on and press and hold down the

2 Within 10 seconds, press the I◄ or ▶►I button to select

3 Within 10 seconds, press the I◄ or ▶▶I button to select

"Timer Off", and press the ENTER button. Timer will be

The timer setting will be memorized once it is entered. To

reuse the same setting, perform the following operations.

1 Turn the power on and press and hold down the

2 Within 10 seconds, press the ◄ or ▶ button to select

3 Within 10 seconds, press the I◄◄ or ▶► button to select

4 Press the POWER ON/STAND-BY button to enter the

"Once" or "Daily", and press the ENTER button

Timer On", and press the ENTER button

'Once" or "Daily", and press the ENTER button.

canceled (the setting will not be canceled).

Reusing the memorized timer setting:

"Once" or "Daily", and press the ENTER button

Timer Call", and press the ENTER button.

automatically. However, the connected unit will not turn

on or off. To stop the timer playback, follow step "Cancelling the timer setting" of this page.

enter the power stand-by mode automatically.

Cancel the daily timer when it is not in use.

Once timer:

Daily timer:

The timer will be canceled.

Checking the timer setting:

CLOCK/TIMER button

Cancelling the timer setting:

CLOCK/TIMER button.

power stand-by mode.

The volume will increase gradually until it reaches the

preset volume. The timer indicator will blink during

and the unit is ready for timer playback.

power stand-by mode. The "TIMER" indicator lights up

3 Repeat step 2 for other folder/tracks. Up to 32 tracks

4 Press the ►/II (CD ►/II) button to start playback.

P01 2

automatically. (You cannot select the order of the tracks.)

move to the track selected next by the random operation.

On the other hand, the ◄ button does not allow you to move to the previous track. The beginning of the track

until "Random" appears. Press the ►/II (CD ►/II) button.

 This product may face some irregularities due to various unforseen reasons from other devices in the process of Wi-Fi pairing. Should this happen, upplying the AC power cord, and plug it back in If the Network function operates incorrectly, do the Network reset

■ Random play (shuffle)

To random play all tracks:

To cancel random play:

indicator will disappear.

2 Press the Numeric button

select the desired track.

on the remote control to

being played will be located.

■ Programmed play (CD)

control to enter the programming save mode.

be cleared by pressing the CLEAR buttor

4 Press the ►/II (CD ►/II) button to start playback.

■ Programmed play (MP3/WMA)

enter the programming save mode.

2 Press the PRESET (▼ □

remote control to select

Then press the Numeric

buttons on the remote

control to select the

Direct track search

can be programmed.

the desired folder.

desired tracks.

Press the PLAY MODE

button again. "RDM"

automatically.

**E-4** 

Make sure to unplug the AC power cord before making any connections. FM antenna SHARP
SLIM MICHO SYSTEM
AC 1987 \*\*, GRINE
FREQUENCY RANGE: THI ST 5- 108.0 MHz
FREQUE CAUTION TO PREVENT ELECTRIC SHOCK, MATCH WIDE External FM <sup>个</sup>外 BLADE OF PLUG TO WIDE SLOT, FULLY INSERT antenna for etter reception PARTITION AND THE PARTITION OF T (not supplied) CAUTION
HERK OF BLECTING SHOCK
DO NOT OPEN

ATTENTION
REQUE DE CHOC ÉLECTROLIE
Nº PAS CUMMR AC outlet (AC 120 ~ 60 Hz) AM loop antenna AC power connection After checking all the connections have been made correctly, plug the AC

■ Antenna connection Supplied FM antenna: Connect the FM antenna wire to the FM 75 OHMS lack and position the FM External FM antenna: Use an external FM antenna (75 ohms coaxial cable) for better reception. When an external FM antenna is used, disconnect the supplied FM antenna wire. Supplied AM loop antenna: Connect the AM loop antenna to the AM and earth (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). Installing the AM loop antenna:

System connections

<Attaching to the wall> <Assembling> (not supplied)

Remote control

■ Battery installation

Battery is not included.

Unplug the AC power cord from the AC outlet if the unit will not be in use for a prolonged period of time

General control

■ To turn the power on

■ Display brightness control

■ Volume auto fade-in

■ Volume control

power stand-by mode.

DEMO -

ONNER -

After use

~~

00 00008

MUTE

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

To dim the display brightness, press the DIMMER button on

Dimmer 2 (Display gets dimmer).

If you turn off and on the main unit with the volume set to 27 or

higher, the volume starts at 16 and fades in to the last set level.

When you press any of the following buttons, the unit turns on.

● iPod, CD/USB, AUDIO IN, TUNER, NETWORK on the

►/II button on the main unit: The unit turns on and playback of the last function will start (CD, TUNER, USB, iPod, AUDIO IN, NETWORK)

The main unit will enter the stand-by mode (when iPad, iPod or

However, if iPod or iPhone is docked, the unit will begin

The volume is muted temporarily when pressing the MUTE

During stand-by mode, when you select DK-KP95P speaker through AirPlay icon on your AirPlay device, the unit will automatically power on to Network function and stream the music from your AirPlay device.

The AirPlay network has previously been set up

Set the Network Stand-by mode to ON. (refer page 4)

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

2 Press the iPod button on the remote control or FUNCTION

button repeatedly on the main unit to select iPod function.

Navigating the iPod, iPhone or iPad menus

iPhone or iPad unit. Press it again to go back to previous

1 Press the iPod MENU button to view the menu on iPod

2 Use the PRESET (▼ or ▲) button to select an item on the

When navigating the iPod, iPhone or iPad menu with remote

control, do not operate any of the buttons on the iPod or

Phone unit. The volume level is adjusted by pressing the VOL

(+ or -) button on the main unit or the remote control.

The operations described below depend on the generation

When the main unit is powered on, the iPod, iPhone or iPad

units will automatically power on when docked or connected

When the main unit is turned to stand-by mode, the docked

iPod. iPhone or connected iPad unit will automatically turn to

Simply remove the iPod or iPhone from the docking station or

iPad connector from USB terminal. It is safe to do so even

Unplug all accessories for the iPod or iPhone before

Stop button (■) at main unit is invalid during iPod function.

■ To disconnect iPod, iPhone or iPad

serting it into the docking station.

Advanced USB playback

Media" will be shown on the display.

Playlists are not supported on this unit.

MP3/WMA extension.

folder with MP3 files.

32 characters.

The following functions are the same as CD

Direct track search .....

Repeat play.....

 Random play
 8

 Programmed play (MP3/WMA)
 8

If USB memory device is not connected, "USB No

This unit only supports "MPEG-1 Audio Layer-3" format. (Sampling Frequency is 32, 44.1, 48kHz)

Playback order for MP3 files may differ depending on the writing software used during file download.

Bitrate which is supported by MP3 is 32~320 kbps,

• For MP3/WMA files, please put ".MP3" ".WMA"

This unit can display Folder Name or File Name up to

Total number of folders read is 999 including folder with

non-playable file. However, the display shows only

Maximum total number of MP3/WMA files is 65025.

extension. Files cannot be played back if there is no

Adjusting the volume on the iPod, iPhone or iPad units give no

menu and then press ENTER buttor

iPod, iPhone and iPad operations:

Pod, iPhone and iPad you are using.

System off (stand-by operation):

System on operation:

in the unit.

stand-by mode.

during playback.

3 Insert iPod or iPhone unit into the dock of main unit. "DOCK

4 Press the ►/II (iPod ►/II) button to start playback

Listening to the iPod, iPhone or iPad (continued)

between the unit and your AirPlay device.

button on the remote control. Press again to restore the volume.

Phone is not connected) after 15 minutes of inactivity during: Pod : Not docked.

Press the POWER ON/STAND-BY button to enter the

→Dimmer 1 (Display is dim).

Dimmer off (Display is bright).

Press VOL +/- to increase or decrease the volume.

emote control: Selected function is activated

■ Direct key power on function

Auto power off function

Audio In: No detection of input signal

■ Muting

Auto power on

This condition applies when:

■ iPod or iPhone playback

OK" will appear.

PRESET

In the stop mode or no media

charging, "Charge Mode" will be displayed.

■ AirPlay auto switch

nis condition applies when:

■ X-Bass control

■ Bass control

■ Treble control

NETWORK

becomes disconnected.

iOS 4.3 or later

PC with Windows 7.

DLNA version 1.5

this product.

**E-2** 

Pause

Track up/

Fast

forward/

Cursor

**E-6** 

DK-KP95P) via a Wi-Fi network.

AirPlay device.

During other function (CD, TUNER, USB, iPod, Audio In), when you select DK-KP95P speaker through AirPlay icon on your AirPlay device, the unit will

The AirPlay network has previously been set up between the unit and you

When the power is first turned on, the unit will enter the extra bass mode which emphasises the bass frequencies, and

"X-BASS" indicator will appear. To cancel the extra bass mode.

Press the BASS/TREBLE button to select "Bass". Within 5 seconds, press the VOLUME (+ or –) button to adjust the bass.

2 Within 5 seconds, press the VOLUME (+ or -) button to adjust the treble

When the FUNCTION button on main unit is pressed, the current function will change to different mode. Press the FUNCTION

 $\longrightarrow$  CD  $\longrightarrow$  FM STEREO  $\longrightarrow$  FM MONO

— Audio In ← Pod ← USB ←

The backup function will protect the memorized function mode for a few hours should there be a power failure or the AC power cord

Wi-Fi network Setup for AirPlay / DLNA

With Apple AirPlay technology, you can stream your music from your Tunes on a Mac, PC, iPhone, iPod touch, or iPad to external speakers

irPlay usage requires:

MacBook or MacBook Pro running MacOS 10.6.6 or greater
iTunes 10.2 or greater (Mac/PC).

(DLNA)
DLNA technology enables you to share media from one device to another via a Wi-Fi network.

DLNA usage requires:

DLNA compatible devices with appropriate application. (Refer to your devices' manual) Support status varies depending on model and software features such as client and server functions.

This product supports audio source with playback capability only.

Streaming (audio and video) from DLNA devices is not supported

Sharp does not guarantee that this product will work with all DLNA compatible devices and wireless LAN routers.

When this unit is placed too near a Wireless LAN device or microwave,

noise interference may occur, causing crackling sound. It may also reduce the communication speed and cause invalid connection. If these

happen, do the following:

- Place the unit away from the Wireless LAN device or microwave

- Place the unit closer to the source device.

■ Various iPod, iPhone and iPad functions

MENU

ENTER

PRESET PRESET

● Auto tuning:
When the TUNING (∨ or ∧) button is pressed for

When radio interference occurs, auto scan tuning may

To stop the auto tuning, press the TUNING (∨ or ∧)

Press the TUNER button to select stereo mode and "ST" indicator will be displayed. "▶•••" and "•" will

If the FM reception is weak, press the TUNER button to extinguish the "ST" indicator. The reception changes to

You can store 40 AM and FM stations in memory and recall

3 Within 30 seconds, press the PRESET (▼ or ▲) button

to select the preset channel number. Store the stations

FM 10360MHz

Auto scan tuning will skip weak signal stations.

appear when an FM broadcast is in stereo.

monaural, and the sound becomes clearer.

them at the push of a button. (Preset tuning)

receivable broadcast station

stop automatically at that point.

To receive an FM stereo transmission:

■ Memorizing a station

1 Perform steps 2 - 3 in "Tuning".

2 Press the MEMORY

more than 0.5 seconds, scanning will start

automatically and the tuner will stop at the first

USB

ss in the paus

Press in the playback

Press in the playback

button in the pause mode, press the ►/
■ button to start the

ress and hold dow

the playback

Release the button

sume playback.

ress and hold to

ress to view the iPo

menu during iPod

Press to confirm th

Press to select the

Press to toggle repeat mode.

or pause mode

you press the

esired track.

Function | Main unit | Remote control

Dock/USB Dock

---

Phone 4 Phone 3GS (iPhone 3G cannot support AirPlay)

iPod touch (4th, 3rd and 2nd generation)

DRM file playback (DTCP-IP) is not supported.

press the X-BASS button on the remote control

Press the BASS/TREBLE button to select "Treble"

button repeatedly to select desired function.

■ Demonstration (Netwok stand-by) mode The first time the unit is plugged in, the unit will enter the demonstration mode. (refer page 4) Network ST-BY To cancel the demonstration mode, press the DEMO button (remote control) during power stand-by mode. The unit will enter the low power consumption mode

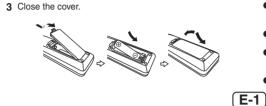
button again.

Placing the antenna on the unit or near the AC power cord may cause noise

 If iPod or iPhone is docked, the unit will begin charging. "Charge Mode" will be displayed. Demonstration mode is invalid during charge mode.

Use 1 "AA" size battery (UM/SUM-3, R6, HP-7 or similar)

 Open the battery cover 2 Insert the supplied battery according to the terminal exposed to excessive heat such as sunshine, fire or the like. indicated in the battery compartment When inserting or removing the battery, push it towards the Notes concerning use:



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

To return to the demonstration mode, press the DEMO

 Do not use rechargeable battery (nickel-cadmium battery, • Installing the battery incorrectly may cause the unit to malfunction. Batteries (battery pack or batteries installed) shall not be

 Replace the battery if the operating distance is reduced or if the operation becomes erratic. Purchase an "AA" size pattery (UM/SUM-3, R6, HP-7 or similar). and the sensor on the unit with a soft cloth.

 Periodically clean the transmitter on the remote control 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.

Listening to the iPod<sup>®</sup>, iPhone<sup>®</sup> or iPad<sup>®</sup>

Made for:  ● iPod touch (4 <sup>th</sup> generation)  ● iPod touch (3 <sup>rd</sup> generation)  ● iPod touch (2 <sup>nd</sup> generation)  ● iPod touch (1 <sup>st</sup> generation)  ● iPod classic  ■ iPod nano (6 <sup>th</sup> generation)  • iPod nano (5 <sup>th</sup> generation)  • iPod nano (4 <sup>th</sup> generation)	iPhone 3G
Caution: Please update your iPod, iPlease update your iPod, iPlease to download the iPhone and iPad.	sing it. Please visi

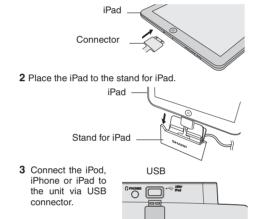
Please software nomepa **iPhone** Notes:

One

Condition	DOCK	USB termina
USB function	YES	YES (without iPod or iPhone docking)
Other function (iPod / CD / Network Tuner / Audio In)	YES	NO
Stand-by	YES	NO

- battery is low.
- the iPhone is not properly docked (eg. slanting) If this occurs, remove and re-dock the iPhone. • This product is made for iPod, iPhone and iPad. To prevent random interference when iPod, iPhone or iPad is connected, the headphone output of main unit is disabled, and "HP INVALID" will be displayed. You may also experience brief audio interference ing incoming calls.

 The headphone output of main unit is switched off during nserting iPod, iPhone and iPad unit. This is an Apple product specification ■ iPod, iPhone and iPad connection via USB terminal 1 Insert the connector to the iPod, iPhone or iPad



1 Press the POWER ON/STAND-BY button to turn the power on. 2 Press the CD/USB button on the remote control or FUNCTION button repeatedly on the main unit to select USB function. 3 Connect iPod, iPhone or iPad to the unit. "USB/iPod" will appear. *ISB⁄iP₀d* ⇔<u>T,RACK</u> File name

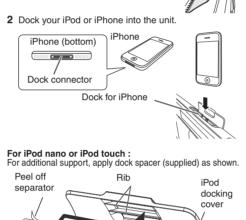
■ iPod, iPhone or iPad playback via USB terminal

4 Press the ►/II (USB ►/II) button to start playback. Stop button (■) is invalid during iPod, iPhone or iPad ■ iPhone playback

 Sound will only switch from iPhone to the main unit after authentication process is completed in approximately 10 Incoming calls will pause the playback. • Once the calls are answered, the conversation can only be heard through the built-in iPhone speaker. Turn on the

Unplug all accessories from the iPod or iPhone before inserting it into the dock Docking station is not recommended for iPad connection. 1 Open the docking station for iPod and iPhone by pulling up the cover.

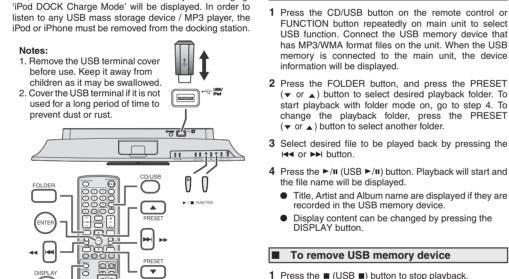
■ iPod and iPhone connection (Dock only)



For iPod nano or iPod touch Dock space 1 Peel off the double sided tape separator 2 Place the spacer between the two ribs of the iPod docking

**E-5** 

Listening to USB mass storage device/MP3 player



At USB mode, once the iPod or iPhone is docked onto the

unit, the iPod or iPhone will automatically start charging.

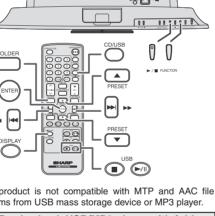
SHARP - (I) (F/I) This product is not compatible with MTP and AAC file

2 Press the PRESET (▼ or ▲) button to select desired systems from USB mass storage device or MP3 player. ■ To play back USB/MP3 player with folder 1 Press the CD/USB button on the remote control or FUNCTION button repeatedly on main unit to select USB function. Connect the USB memory device that

> 3 Press the ►/II (USB ►/II ) button. Playback will start and the file name will be displayed. Title, Artist and Album name are displayed if they are

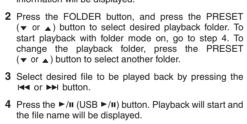
 Display content can be changed by pressing the DISPLAY button

To pause playback Press the ►/II (USB ►/II) button.



has MP3/WMA format files on the unit. When the USB memory is connected to the main unit, the device information will be displayed. 2 Select desired file to be played back by pressing the Idd or ▶▶I button.

information will be displayed.



 Title, Artist and Album name are displayed if they are recorded in the USB memory device Display content can be changed by pressing the DISPLAY button.

■ To remove USB memory device

1 Press the ■ (USB ■) button to stop playback.

2 Disconnect USB memory device from the USB terminal.

SHARP will not be held liable for the loss of data while

the USB memory device is connected to the audio Files compressed in MP3 and/or WMA format can be

played back when connected to the USB terminal. This USB memory's format supports FAT 16 or FAT 32. SHARP cannot guarantee that all USB memory devices will work on this audio system. USB cable is not recommended for use in this audio system to connect to USB memory device. Use of the USB cable will affect the performance of this audio

system. iPod, iPhone and iPad is not prone to this This USB memory cannot be operated via USB hub. The USB terminal in this unit is not intended for a PC connection but is used for music streaming with a USB External HDD-storage cannot be played back via USB

longer time for the data to be read. off the unit and then turn it on again. This product relates to USB mass storage devices and MP3 players. It may however face some irregularities due

**E-9** 

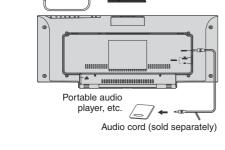
AUDIO IN function. 4 Play the connected equipment. If volume level of the connected device is too high, sound distortion may occur. Should this happen, lower the volume of the connected device. If volume level is too low, increase the volume of the connected device.

 Do not turn the volume on to full at switch on and listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.

 Plugging in the headphone disconnects the speakers automatically. Adjust the volume using the VOLUME control. 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 authorised SHARP dealer or service centre.

■ General Symptom Possible cause The clock is not set to When a button is pressed the unit does

The connection cord is not included Purchase a commercially available cord as shown below



## Enhancing your system (continued)

■ Listening to the playback sounds of

portable audio player, etc.

1 Use a connection cord to connect the portable audio player etc. to the AUDIO IN jack. When using video equipment, connect the audio output to this unit and the video output to a television 2 Press the POWER ON/STAND-BY button to turn the power on.

3 Press the AUDIO IN button on the remote control or FUNCTION button repeatedly on main unit to select

**Note:**To prevent noise interference, place the unit away from the television. ■ Headphones

mpedance is 32 ohms.

 Be sure your headphone has a 1/8" (3.5 mm) diameter plug and impedance between 16 and 50 ohms. The recommended Before plugging in or unplugging the headphone, reduce the

 Did a power failure occur?
 Reset the clock. (Refer page) Set the unit to the power stand by mode and then turn it back If the unit still malfunctions, reset it. (Refer page 14) No sound is heard. Is the volume level set to "Min"

Are the headphones ■ CD player Symptom Possible cause Playback does not Is the disc loaded face Playback stops in the middle or is not Does the disc satisfy the Is the disc distorted or performed properly. Playback sounds are Is the unit located near skipped, or stopped in the middle of a excessive vibrations?

Is the disc very dirty?

Has condensation formed

inside the unit?

track.

FUNCTION button repeatedly on main unit to select USB function. Connect the USB memory device that has MP3/WMA format files on the unit. When the USB memory is connected to the main unit, the device 2 Press the FOLDER button, and press the PRESET

■ To play back USB/MP3 player with folder

 If the data inside the USB memory is large, it may take This product can play WMA and MP3 files. It will automatically detect the file type being played. If unplayable file is played on this product, "Not Support" s indicated and the file will be automatically skipped. This will take a few seconds. If abnormal indications appear on the display due to the unspecified file, turn

to various unforeseen reasons from some devices. Should this happen, turn off the unit and then turn it on again During CD function, MP3 player will not be charging

Troubleshooting chart (continued) ■ Remote control

Symptom

The remote control

Possible cause Is the AC power cord of the unit plugged in?

Is the battery polarity Is the battery dead? Is the distance or angle incorrect? Does the remote control sensor receive strong light?

**■** Tuner Symptom Possible cause The radio makes Is the unit placed near the continuously. Is the FM antenna placed properly? Move the antenna away from the AC power cord if it is located nearby. ■ USB Symptom Possible cause Is there any MP3/WMA file Device cannot be

connected?

Is it an MTP device? Does the device contain AAC file only? Playback does not start.
 Is it a copyright protected WMA file? Is it a false MP3 file? Wrong time display. 

Is Variable Bitrate file being played back?

Is the File Name written in Wrong file name Chinese or Japanese characters? ■ iPod, iPhone or iPad

Is the device properly

Symptom Possible cause The iPod, iPhone or iPad is No sound is not playing.

The iPod, iPhone or iPad is not properly connected to the unit.

Is the AC power cord of the unit plugged in iPod, iPhone or iPad will not charge.

 iPod, iPhone or iPad is not making full contact with not making full contact with the connector. Using iPod (3<sup>rd</sup> generation) The iPod or iPhone is not supported. Refer to page 5 for compatible models. ■ "This accessory is
■ The iPhone hattery is low.

with iPhone" or

'This accessory is

not supported by iPhone" appears on

iPhone screen

**E-13** 

iPhone is not properly

• The display playback time may not be displayed in memory, in order, starting with preset channel 1. orrectly when playing back a variable bitrate file The ID3TAG information supported are TITLE, ARTIST and ALBUM only. Title name, artist name and album 4 Within 30 seconds, press the MEMORY button to store that station in memory. If the "MEMORY" and preset name can be displayed by pressing the DISPLAY number indicators disappear before the station is button during file playback or pause mode.

• WMA meta tag also supports title, artist and album memorized, repeat the operation from step 2. 5 Repeat steps 1 - 4 to set other stations, or to change a name which are recorded in WMA files. Copyright protected WMA files cannot be played back. preset station. When a new station is stored in the Listening to the radio 11 111111

PRESET • SHARP **■** Tuning

1 Press the POWER ON/STAND-BY button to turn the power on. 2 Press the FUNCTION button on the main unit or TUNER button on the remote control repeatedly to select FM Stereo. FM Mono or AM.

3 Press the TUNING (v or A) button on the remote control to tune in to the desired station.

Manual tuning: Press the TUNING (v or ^) button repeatedly to tune in to the desired station.

**Troubleshooting chart (continued)** 

■ Wi-Fi connection

Symptom

■ AirPlay / DLNA

Symptom

No AirPlay icon on Apple AirPlay device

or iTunes in my PC.

failed with Mac or PC.

AirPlay connection

Breaking of music

■ Network reset

until "Network Clear" appears.

operation as below:

Wi-Fi network

Possible cause

routers is not supported by

Is your router Wi-Fi certified?

WPS-Pin and WPS-PBC

Avoid using Wi-Fi channel

Is the unit placed near a

potential source of

Wi-Fi signal, such as

Is your PC using a Wi-Fi

network? Ethernet connection

for AirPlay / DLNA network setup is not possible.

Do not use special character.

Possible cause

Is the unit joined to the AirPlay

Is the Boniour service in your

Firewalls and security software

Is your network speed fast

must be disabled.

PC enabled before you oper

connected to your home router

browsing via your home router

option on the Wi-Fi router if

Enable the Auto Channel Scan

Enable the Wireless Intelligen

Stream Handling (WISH) option on the Wi-Fi router if

Enable the Quality of Service

(QoS) option on the Wi-Fi router if available.

Other home routers must be

**E-14** 

turned off

If the Network function operates incorrectly, do the reset

During Network function, press and hold CLEAR button

This operation will erase the current Wi-Fi setting.

might need to be turned off.

Restart your Apple AirPlay

DLNA device or this unit.

Stop any internet content

router or the AirPlay device in

microwave ovens?

the setting menu.

which is much overlapped the nearby Wi-Fi network.

memory, the station previously memorized for that preset channel number will be erased. The backup function protects the memorized stations for a few hours should there be a power failure or the AC power cord becomes disconnected.

■ To recall a memorized station Press the PRESET (▼ or ▲) button for less than 0.5 seconds to select the desired station ■ To scan the preset stations The stations saved in the memory can be scanned automatically. (Preset memory scan)

1 Press the PRESET (▼ or ▲) button for more than 0.5 seconds. The preset number will flash and the programmed stations will be tuned in sequentially, for 5 seconds each. 2 Press the PRESET (▼ or ▲) button again when the desired ■ To erase entire preset memory

1 Press the POWER ON/STAND-BY button to enter the stand-by mode. STAND-BY button until "Tuner Clear" appears.  $\Longrightarrow$ 

E-10

2 While pressing down the ◄ button, press the POWER ON/

Tuner Clear

Condensation

extremely humid environment may cause condensatio inside the cabinet (CD pickup, etc.) or on the transmitter o

the remote control. Condensation can cause the unit to

malfunction. If this happens, leave the power on with no

Cleaning the cabinet udden temperature changes, storage or operation in an

disc in the unit until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a this unit.

Is the SSID broadcast on the soft cloth before operating the unit. If problem occurs When this product is subjected to strong externa interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction nterference which may affect If such a problem occurs, do the following: 1 Set the unit to the stand-by mode and turn the power on 2 If the unit is not restored in the previous operation, unplug and plug in the unit again, and then turn the

power on. Note: If neither operation above restores the unit, clear all the nemory by resetting it ■ Factory reset, clearing all memory 1 Press the POWER ON/STAND-BY button to enter the

2 While pressing down the OPEN/CLOSE button, press the POWER ON/STAND-BY button until "Clear All" appears. Clear Al Caution:

This operation will erase all data stored in memory

including clock, timer settings and tuner preset. ■ Before transporting the unit Remove the iPod\_iPhone\_iPad\_USB memory device and disc from the unit. Then, set the unit to the power stand-by mode. Carrying the unit with iPod, iPhone, iPad or USB memory device left connected or discs left inside might damage the unit. ■ Care of compact discs

Compact discs are fairly resistant to damage, however mistracking can occur due to an accumulation of dirt on the disc surface. Follow the guidelines below for maximum. enjoyment from your CD collection and player. Do not write on either side of the disc, particularly the non-label side from which signals are read. Do not mark this surface. • Keep your discs away from direct sunlight, heat, and excessive moisture. Always hold the CDs by the edges. Fingerprints, dirt, or

water on the CDs can cause noise or mistracking. If a CD

is dirty or does not play properly, clean it with a soft, dry cloth, wiping straight out from the centre, along the radius.

NO YES Correct

Wi-Fi network Setup for AirPlay / DLNA (continued) 7 On the iPod touch/iPhone/iPad, select 'Settings' --> 'Wi-Fi'

On the PC/Mac, enter the list of available wireless networks. For other DLNA compatible devices, turn on the Wi-Fi. For more ■ Direct wireless connection Press the POWER ON/STAND-BY button. 2 Press the NETWORK button. 3 Press the iPod MENU button on the remote control. 4 Press the ▼/ ▲ button to select 'Wi-Fi Setup'.



details, refer to your devices' manual. 8 Select your router from the list of available networks. Enter your

ENTER button. Wait until the display shows "SSID

'Wi-Fi'. On the PC/Mac, enter the list of available

For other DLNA compatible devices, turn on the Wi-Fi

For more details, refer to your devices' manual.

7 Select Sharp\_DK-KP95 from the list of available

Ready" which takes about 40 seconds.

5 Press the ▼/▲ button to select 'Direct'. Press the ENTER button. Wait until ' • ' on the display turns off and shows 'Direct Ready' which takes about 40 seconds. 6 On the iPod touch/iPhone/iPad, select 'Settings' --> 'Wi-Fi'. On the PC/Mac, enter the list of available 9 Continue with step 8 to 9 in 'Direct wireless connection

Press the ENTER button.

networks.

WPS process (network search) takes about 2 minutes. It fail to connect, the display will show 'Cannot connect to Network'. Repeat step 4 to retry. Connection via SSID (wireless router without WPS) Press the POWER ON/STAND-BY button Press the NETWORK button on the remote control.

For other DLNA compatible devices, turn on the Wi-Fi 3 Press the iPod MENU button on the remote control. For more details, refer to your devices' manual. 4 Press the ▼/ ▲ button to select 'Wi-Fi Setup'. 7 Select SHARP DK-KP95 from the list of available  $\mathbf{5}$  Press the  $\mathbf{\Psi}/\mathbf{\Delta}$  button to select 'SSID Set'. Press the 8 Launch Music and play desired song on your iPod touch / iPhone or iPad. For PC/Mac. launch iTunes. 6 On the iPod touch/iPhone/iPad, select 'Settings' -->

For other DLNA compatible devices, launch the DLNA compatible media software. For more details, refer to your devices' manual. 9 Tap / click on the AirPlay icon . Select the speaker: SHARP\_DK-KP95\_xxxxxxx. Sound will be heard from the DK-KP95 speakers via

Press the ENTER button.

audio streaming. Note: 'xxxxxx' is MAC ID.

■ Connection via wireless router with WPS 1 Press the WPS button on the wireless route **WPS** 

2 Press the POWER ON/STAND-BY button. 3 Press the NETWORK button

4 Press the iPod MENU button on the remote control 5 Press the ▼/▲ button to select 'Wi-Fi Setup'. Press the ENTER button.

6 Press the ▼/▲ button to select 'WPS'. Press the ENTER button. Wait until ' ▸ • ◄ ' on the display stop blinking and the display shows "Successfully Connected to [network name]".

123

4 5 6

789

44

DISPLAY

SHARP

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

button repeatedly on the main unit to select CD function.

6 Press the ►/II (CD ►/II) button to start playback. After the

If the power fails while the compartment is open, wait until the

power is restored.

If TV or radio interference occurs during CD operation, move

Do not place two discs in the disc compartment

the unit away from the TV or radio.

Notes for CD or MP3/WMA disc:

■ Direct track search

2 Press the CLOCK/TIMER button.

"0:00"

advance continuously.

appear for about 5 seconds.

To readjust the clock:

display) will be skipped.

To change the 24-hour or 12-hour display

soap solution, then with a dry cloth

AC 120 ~ 60 Hz

50 W/channel

25 W/channel

5.9 lbs. (2.7 kg)

Output terminals | Headphones: 16 ohms

ower on: 26 W

1-way speaker system Speaker: 2-1/2" (6.5 cm)

Width: 18 - 11/16" (475 mm)

T.H.D.) FTC: 22 W minimum RMS per

Single disc multi-play compact disc

Audio In (audio signal):

Non-contact, 3-beam

Multi bit D/A converter

20 - 20 000 Hz

semiconductor laser nickun

Height: 7 - 1/2" (191 mm)

Depth: 3 - 1/4" (83 mm)

■ General

Power source

Power

Speake

Speaker rated

■ Amplifier

Output power

■ CD player

D/A converter

Frequency

input power

Dimensions

Weight

**2** Perform "Setting the clock" from step 1 onwards.

display and then press the ENTER button.

→ "AM 12:00" → The 12-hour display will appear.

"AM 0:00"  $\rightarrow$  The 12-hour display will appear.

(0:00 - 23:59)

down to advance the time by 5 minutes interval.

5 To adjust the hour, press the I◀◀ or ▶▶I button and then

(AM 12:00 - PM 11:59)

(AM 0:00 - PM 11:59)

→ The 24-hour display will appear.

current disc can be played.

still be played.

may cause malfunctions.

Do not push the disc compartment while it is moving

**O O** 

■ Disc playback

3 Press the OPEN/CLOSE button

4 Place the disc in the disc

5 Press the OPEN/CLOSE buttor

Caution:

to open the disc compartment.

compartment, label side front.

to close the disc compartment.

Service Set ID (SSID).

**E-3** A. For example, to choose 13 1 Press the "10+" button once 2 Press the "1" button. 3 Press the "3" button. Selected track number

4 Press the "0" button disc cannot be selected To stop playback: Press the ■ (CD ■) button

■ Various disc functions Operation unit control playback from the used point. Track up/ 144 44 lesired track. the playback mode. forward/

 Be sure to place 8 cm (3") disc in the middle of the disc ■ Repeat play Due to the structure of the disc information, it takes longer to read an MP3/WMA disc than a normal CD (approximately 20 To repeat one track: When the end of the last track is reached during fast forward. "END" will appear on the display and CD operation will be paused. When the beginning of the first track is reached To repeat all tracks: during fast reverse, the unit will enter the playback mode (only for CD). appears. Press the ►/II (CD ►/II) button Rewritable multi-session discs with unfinished writing, can To repeat desired tracks:

reverse

"Repeat All" appears. To cancel repeat play: Press the PLAY MODE By using the Numeric buttons, the desired tracks on the button repeatedly until Use the Numeric buttons on the remote control to select "Normal" appears and the desired track while playing the selected disc. " → " disappears. The Numeric buttons allow you to select up to number 9. When selecting number 10 or higher, use the "10+" button Caution: After performing repeat play, be sure to press the ■ (CD ■) button. Otherwise, the disc will play continuously

**E-7** 

This unit has 2 types of timer: ONCE TIMER and DAILY Once timer ("@" indicator): Once timer play works for one time only at a preset time. Daily timer ("DAILY" indicator): Daily timer play works at the same preset time every day that we set. For example, set the timer as a wake-up call every morning.

and use the daily timer to wake up. 1 Set the daily timer.

2 Set the once timer 1 minute or more Once timer

Stop Start Start ■ Timer playback

Before setting timer Check that the clock is set to the correct time (refer to this page). If it is not set, you cannot use the timer

then press the ENTER button. Press the I◄ or ▶►I button once to advance the time by 1 minute. Hold it 1 Press the POWER ON/STAND-BY button to turn the power on. 2 Press and hold the CLOCK/TIMER button. To confirm the time display:
Press the CLOCK/TIMER button. The time display will 3 Within 10 seconds, press the I◀ or ▶▶I button to

select "Once" or "Daily", and press the ENTER button. the ENTER button.

1 Clear all the programmed contents. [Refer to "Factory reset, clearing all memory" on page 14 for details.] canceled. 6 To adjust the day, press the I◄ or ▶ button and then 7 Press the ENTER button to adjust the hour. Press the I◄ or ▶▶I button and then press the ENTER button. 8 To adjust the minutes, press the I◄◄ or ▶►I button and then press the ENTER button.

**E-11** 

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

> ■ USB (MP3 / WMA) protocol. MPEG 1 Layer 3WMA (Non DRM) Support file MP3 (32 ~ 320 kbps) WMA (64 ~ 160 kbps) Othe Maximum total number of folders is 999 INCLUSIVE of

File systen RMS: Total 50 W (25 W per channel into 6 ohms at 1 kHz, 10% channel into 6 ohms from 100 Hz to 20 kHz, 10% T.H.D **■** Tuner

Dynamic range 90 dB (1 kHz)

Frequency range FM: 87.5 - 108 MHz Preset

Listening to a CD or MP3/WMA disc

2 Press the "1" button 3 Press the "3" button

B. For example, to choose 130

2 Press the CD/USB button on the remote control or FUNCTION Do not play discs of special shapes (heart, octagon, etc). It

> resume playback. Repeat play can play one track, all tracks or a programmed Press the PLAY MODE button repeatedly until "Repeat One" appears. Press the ▶/⊪ (CD ▶/⊪) button. Press the PLAY MODE button repeatedly until "Repeat All" Perform steps 1 - 4 in "Programmed play" section on page 8 and then press the PLAY MODE button repeatedly until

Setting the clock (Remote control only) Timer and sleep operation (Remote Timer playback: The unit turns on and plays the desired source (CD, TUNER, USB, iPod, AUDIO IN) at a preset time.

Using the once timer and daily timer in combination: In this example, the clock is set for the 24-hour (0:00) display For example, use the once timer to listen a radio program,

press the ENTER button. Press the I◄ or ▶▶I button once to advance the time by 1 hour. Hold it down to For timer playback: Plug in USB or load discs or dock iPod to be played. 6 To adjust the minutes, press the I◄ or ▶►I button and

4 Within 10 seconds, press the I◀◀ or ▶▶I button to select "Timer Set", and press the ENTER button. When power supply is restored after unit is plugged in again or after a power failure, reset the clock. 5 To select the timer playback source (CD, TUNER, USB, iPod, AUDIO IN), press the I◄◄ or ▶►I button. Press When you select the tuner, select a station by pressing the I◀ or ▶⊨ button, and then press the ENTER button. If a station has not been programmed, "No Preset" will be displayed and timer setting will be

Periodically wipe the cabinet with a soft cloth and a diluted

production units. There may be some deviations from these values in individual units.

E-15

1 Press the POWER ON/STAND-BY button to turn the power on. 3 Within 5 seconds, press the ENTER button. To adjust the day, press the I✓ or ► button and then press the ENTER button. 4 Press the I◀ or ▶▶I button to select 12-hour or 24-hour

Perform "Setting the clock" from step 1. If the "Clock" does not appear in step 2, step 4 (for selecting the 24-hour or 12-hour

9 Set the time to finish as in steps 7 and 8 above. 10 Adjust the volume using the VOLUME control, and then press the ENTER button. Do not turn the volume up too

 Support Bulk only and CBI Maximum total number of MP3/WMA files is 65025.

root directory.The ID3TAG information supported are TITLE, ARTIST and ALBUM only.

Supports ID3TAG version 1 Support USB devices with Microsoft Windows/DOS/FAT 12/FAT 16/ FAT 32.

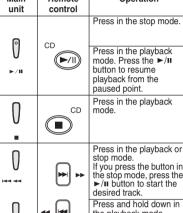
2 kbyte block length for sector.

AM: 530 - 1.710 kHz 40 (FM and AM station)

8 Open web browser as Safari or Explorer on iPod touch / iPhone / iPad or PC/Mac. Type 192.168.1.1 at the The DK-KP95 configuration page is displayed.

9 Select Network Configuration tab. 10 Select your router SSID from the pull-down list of

1 Press the "10+" button twice. A track number higher than the number of tracks on the During random play, direct search is not possible



Release the button to