SHARP

XL-HF202PH(S) XL-HF202PH(BK) XL-HF302PH(T) HI FI COMPONENT 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.





 This audio system supports NFC-enabled device with Android 4.1, Jelly Bean and higher. For device with a lower Android version, refer the operation manual of the device for recommendation app (application).

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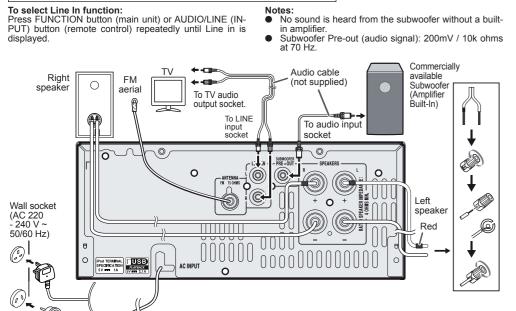
Special Note

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System connections

Make sure to unplug the AC power lead before making any connections.



Component System XL-HI HF302PH(T) is in compliar and other relevant provis declaration of conformity r	cs declares that this SHARP Hi Fi F202PH(S)XL-HF202PH(BK)XL- ice with the essential requirements ions of Directive 1999/5/EC. The nay be consulted at: L-HF202PH XL-HF302PH.pdf	 appliance to dripp with liquids, such apparatus. Do not turn the volu music at moderate 	shock hazard, do not expose th ing or splashing. No objects fille as vases, shall be placed on th ume on to full at switch on. Listen t b levels. Excessive sound pressun in headphones can cause hearin
 position, mains voltage When the ON/STAND-E position, the unit may be timer mode or remote corremote This unit contains no remove covers unless contains dangerous vo 	user serviceable parts. Never qualified to do so. This unit ltages, always remove mains fore any service operation and	 PRODUCT. This product cont ensure continued attempt to gain ac 	classified as a CLASS 1 LASE ains a low power laser device. safety do not remove any cover cess to the inside of the produc to qualified personnel.
 XL-HF202PH(BK) Hi Fi C 	mponent System consisting of XL- component System consisting of XI mponent System consisting of XL-	L-HF202PH(BK) (main unit) and CP-HF202H (speaker system)
Accessories The following accessories a	are included.		

again. Then turn on the unit. In case of an electrical storm, unplug the unit for safety. Hold the AC power plug by the head when removing it from the wall socket, as pulling the lead can damage Speaker wires x 2 FM aerial x 1 Velcro tape Velcro tape (for XL-HF302PH(T)) (hook type) x 2 (loop type) x 3

The illustration printed in this operation manual are for model XL-HF202PH(S)

Speaker wires x 2

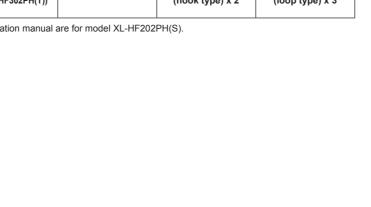
(for XL-HF202PH(S) /

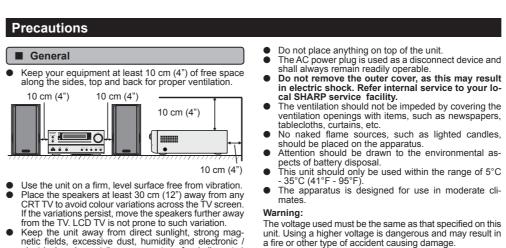
XL-HF202PH(BK)

To turn the power on

Listening on Android[™] devices

Introduction : Open Accessory





• The apparatus is designed for use in moderate cli-The voltage used must be the same as that specified on this unit. Using a higher voltage is dangerous and may result in a fire or other type of accident causing damage electrical equipment (home computers facsimiles etc.)

SHARP will not be held responsible for any damage resulting from such usage. Volume control

 If the unit does not work properly, unplug and plug it in 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 vol-umes. Excessive sound pressure from earphones and headphones can cause hearing loss.

Controls and indicators

Front panel

1. Remote sensor

4. Docking Station for iPod or iPhone

2. Timer indicato

5. Pairing Button

USB Terminal

Caution

Important

Made for:

iPhone 5

iPhone 4S iPhone 4 iPhone 3GS

iPhone 3G

iPad (4th generation)

iPad mini iPad (3rd generation) iPad 2

Condition

iPhone

iPad

Caution

interference during tagging.

by rewriting the tags.

be accidentally swallowed.

provides 2 identical tags for your convenience.

Keep all small parts away from children as they may

Listening to the iPod, iPhone or iPad

Update your iPod, iPhone and iPad unit to the latest soft-

ware version before using them. Visit Apple's homepage to download the latest version.

• Charging terminal for iPod, iPhone and iPad:

iPod touch (5th generation)

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

iPod touch (1st generation)

iPod nano (7th generation)

iPod nano (6th generation iPod nano (6th generation iPod nano (5th generation

iPod nano (4th generation

iPod nano (3rd generation

iPod nano (2nd generation)

USB

YES

NO

iPod classic

DOCK

10. Audio In Socket

6. Volume Control

. On/Stand-by Butto

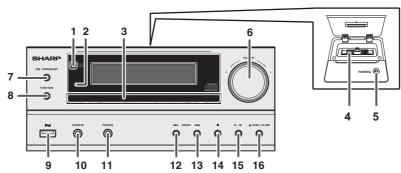
About NFC technology

8. FUNCTION Button

3. Disc Tray

Do not expose the unit to moisture, to temperatures

higher than 60°C (140°F) or to extremely low tempera-



2

11. Headphone Socket 12. Tuner Preset Down, CD/USB iPod/iPhone Skip Down Buttor 13. Tuner Preset Up. CD/USB. iPod/iPhone Skip Up Buttor 14. Disc/USB Stop Button 15. Disc/USB/iPod/iPhone Play or Pause Buttor 16. Disc Tray Open/Close Button

discovery or pairing.

and the audio system.

Unlike other wireless technology, NFC requires no

Simply tap the source device to the NFC tag to instantly

eniov seamless connectivity between your smart device

Y = 0 0 0000

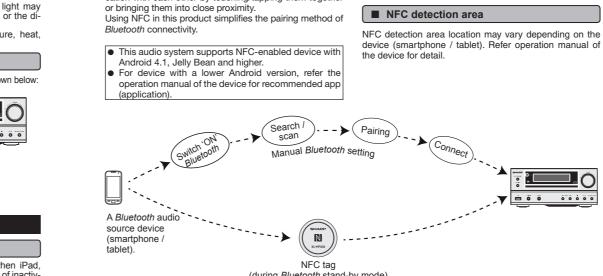
Controls and indicators (continued) Remote control Remote Control Transmitter On/Stand-by Buttor Numeric Buttons Bass/Treble Button X-Bass Button ON/STAND-BY 18 1-2-3 C 19 Tuning Down, Skip Down, Fast Reverse, Time Down Button 4-5-6 CLEAR - 20 Tuner Preset Up Button, iPod Cursor Up Volume Down Button · 21 . Folder Button 22 23 **10. Tuner Preset Down Button** iPod Cursor Down 11. CD Button 12. USB Button 13. iPod Button 14. iPod Display Button 15. Disc/USB Display Button 16. RDS ASPM Button - 28 7. Bluetooth Button 18. Open/Close Button 19. Memory Button 20. Clear Button 21. Clock/Timer Button - 29 22. Sleep Button 23. Repeat Button 24. Mute Button 25. Random Button 15 -26. Tuning Up, Skip Up, Fast Forward, Time Up Button 16 -27. Volume Up Button 28. Enter Button 0 38 17 29. Demo/Dimmer Buttor SHAI:P 0. Audio/Line (INPUT) Button 1. Tuner Button 32. iPod Play/Pause Button 33. iPod Menu Button 4. CD/USB Play/Pause Buttor 35. CD/USB Stop Button 36. RDS Display Button 37. RDS PTY Button 15 123 45 678 38. Bluetooth Play / Pause Button 39. Bluetooth Pairing Button MUTING X-BASS Display - 18 19 20 21 22 23 24 25 26 27 28 29 USB Indicator iPod Indicators CD Indicator MP3 WMA RDM MEM ⊊1 ■▶●◀ FM ST ● RDS PTYITP TITLE ARTIST 1FOLD ALBUM FILE TRACK DAILYⓒ DISC TOTAL SLE MP3 Indicator WMA Indicator RDM (Random) Indicator MEM (Memory) Indicator POWER ON MUTING X-BASS Repeat Indicator Speaker system . FM Stereo Mode Indicate Dome-Tweete 2. Stereo Station Indicator 13. RDS Indicator 14. PTY Indicator 15. TP Indicator 16. TA Indicator Woofer Bass Reflex Duct

Speaker grilles are removable Make sure nothing comes into contact with the speaker diaphragms when you remove the speaker grilles.

0. Tuning FM/Bluetooth status Indicator 17. Muting Indicator 18. X-bass Indicator 19. Title Indicator 20. Artist Indicator 21. Folder Indicator 22. Album Indicator 23. File Indicator 24. Track Indicator 25. Daily Timer Indicator 25. Daily Timer Indicator 26. Once Timer Indicator 27. Disc Indicator 28. Total Indicator 29. Sleep Indicator

1

Remote control Notes concerning use: Battery installation Replace the battery if the operating distance is reduced or if the operation becomes erratic. Purchase an "AA" size battery (UM/SUM-3, R6, HP-7 or similar). Open the battery cover 2 Insert the supplied battery according to the terminal Periodically clean the transmitter on the remote control and the sensor on the unit with a soft cloth. indicated in the battery compartment. When inserting or removing the battery, push it towards the (-) battery Exposing the sensor on the unit to strong light may terminals. neteriere with operation. Change the lighting or the di-rection of the unit if this occurs. 3 Close the cover • Keep the remote control away from moisture, heat, shock and vibrations. Test of the remote control The remote control can be used within the range shown below Remote sensor 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. 0.2 m - 6 m Do not use rechargeable battery (nickel-cadmium bat-(8" - 20') tery, etc.). Installing the battery incorrectly may cause the unit to Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like. General control



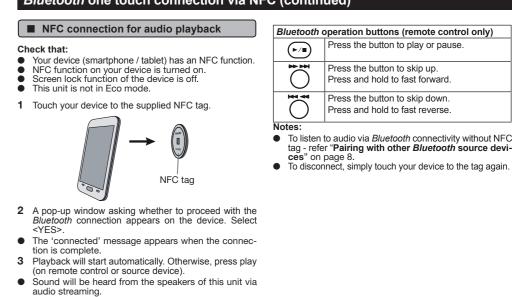
Bluetooth one touch connection via NFC

Near Field Communication (NFC) is a set of standards for

devices (smartphones/tablets) to establish radio communi-

cation with each other by touching/tapping them together

Bluetooth one touch connection via NFC (continued)



3

audio streaming.
Your device and NFC tag must be within 10 meters from the unit

Listening to Bluetooth enabled devices

1 2 2 7)

	connectio	11	Demons
eception is b External FM Use an exter before use. Note:	ne FM 75 OH best. aerial: mal FM aeri ion. Disconn	MS socket and position it when al (75 ohms coaxial cable) f ect the supplied FM aerial win	Stby" will be To cancel or re ing power si power consu To return to mode press
void noise p		m the unit or AC power lead	 During Bluet tivated once
Speak	ker connec	tion	 If iPod or iP ing. "Charge Mod
Speaker terminal	XL-HF202	XL-HF302	is invalid dur
+ terminal	red wire	wire with red insulation tube	AC powe
- terminal	black wire	wire with black insulation tube	After all connec

as lower impedance speakers can damage the unit • Do not mistake the right and the left channels. The Unplug the AC right speaker is the one on the right side when you face the unit. will not be in us

8

12

• If this unit or the source device is turned off before Blue-

tooth connection is completed, pairing will not be com-

4

Do not let the bare speaker wires touch each other.
Do not allow any objects to fall 6 DE into or to be placed in the bass reflex ducts. Do not stand or sit on the

Incorrect speakers. You may be injured.

Listening to Bluetooth enabled devices (continued)

Indicators:			
Indicator Condition BI		Bluetooth status	
	Blinks	In waiting or pairing mode	
	Lights up	Connected	
No indication Unconnected			
However, the indication status is not displayed during <i>Bluetooth</i> stand-by mode.			
Pairing with other <i>Bluetooth</i> source devices			

1 Press the ON/STAND-BY button to turn the power on 2 Press the FUNCTION button (main unit) repeatedly or BLUETOOTH button (remote control) to select Blue-

tooth function. "Bluetooth" appears on the display. **3** Press and hold the PAIRING button for 3 seconds or more. "Start Pairing" appears on the display. The unit is now in pairing mode and is ready to be paired with other Bluetooth source device.

4 Perform pairing procedure on the source device to detect this unit. "SHARP XL-HF202" will appear in the detected devices list (if available) in the source device. (Refer the source device operating manual for details) Notes:

• Place the devices to be paired within 1 meter (3 feet) of each other when pairing. • Some source devices are unable to display lists of

detected devices. To pair this unit with the source device, refer to the source device operating manual for details. Select "SHARP XL-HF202" from the source list. If Notes:

Passcode* is required, enter "0000" Passcode may be called PIN Code, Passkey, PIN number or Password. 6 "Pair Complete" and then "Connected" appears on the display once the unit is successfully paired with the

source device. (Pairing information is now memorised in the unit.) Some audio source devices may connect with the unit automatically after pairing is completed otherwise follow the instructions in the source device operating manual to start connection.

7 Press the play button on main unit, remote control or source device to start Bluetooth connection Notes

 If a device such as microwave oven, wireless LAN card. Bluetooth device or any other device that uses the same 2.4 GHz frequency near the system some sound interruption may be heard

• The transmission distance of the wireless signal between the device and the main unit is about $10 \text{ m} (32^{\circ})$ but may vary depending on your operating environment. If a steel concrete or metallic wall is between the device and the main unit, the system may not operate at all, because the wireless signal cannot penetrate metal.

	Display brightness co
Demonstration mode	Press the DEMO/DIMMER butto Dimmer 1 (Display is dim). Dimmer 2 (Display gets dim
e first time the unit is plugged in, it will enter the etooth stand-by (demonstration) mode. "Bluetooth y" will be displayed.	Dimmer off (Display is bright
cancel the Bluetooth stand-by (demonstration)	Volume auto fade-in
de, press the DEMO button (remote control) dur- power stand-by mode. The unit will enter the low ver consumption mode. return to the <i>Bluetooth</i> stand-by (demonstration)	If you turn off and on the main ι 27 or higher, the volume starts last set level.
de, press the DEMO button again. ring Bluetooth stand-by condition, NFC function is ac-	Volume control
ted once your device touch the supplied NFC tag. Pod or iPhone is docked, the unit will begin charg- arage Mode" will be displayed. Demonstration mode	Turn the volume knob towards or press VOL +/- (remote contro the volume.
nvalid during charge modé.	Muting
AC power connection	To mute the volume, press the ∞ Press again to restore the volum
Il connections have been made correctly, plug the wer lead into the wall socket.	Direct key power on f
the AC power lead from the wall socket if the unit be in use for a prolonged period of time.	 When you press any of the follow on. CD, USB, iPod, BLUETOOT TUNER, iPod ►/II, CD/USB ►/I remote control: Selected funct ►/II button on the main unit playback of the last function BLUETOOTH, AUDIO IN, LIN

13H R MW (1)

Press the ON/STAND-BY button to turn the power on or off.	The main unit will enter the stand-by mode (when iPad, iPod or iPhone is not connected) after 15 minutes of inactiv-	
■ Display brightness control Press the DEMO/DIMMER button (remote control). →Dimmer 1 (Display is dim). Dimmer 2 (Display gets dimmer). Dimmer off (Display is bright).	ity during: iPod: Not docked. Audio/Line In: No detection of input signal. CD: In the stop mode or no disc. USB: In the stop mode or no media. Bluetooth: In the pause mode on not connected condition. Note:	
Volume auto fade-in	However, if iPod or iPhone is docked, the unit will begin charging. "Charge Mode" will be displayed.	
If you turn off and on the main unit with the volume set to	X-Bass control	
27 or higher, the volume starts at 16 and fades in to the last set level.	When the power is first turned on, the unit is in the extra bass mode. "X-BASS" indicator appears. To cancel this	
Volume control	mode, press the X-BASS button (remote control).	
Turn the volume knob towards VOLUME +/- (main unit) or press VOL +/- (remote control) to increase or decrease the volume.	Bass or Treble control Press the BASS/TREBLE button to select "Bass" or "Treble".	
Muting	2 Within 5 seconds, press the VOLUME (+ or –) button to adjust the bass or treble.	
To mute the volume, press the & button (remote control). Press again to restore the volume.	$\frac{Bass}{-5\leftrightarrow -4\cdots \leftrightarrow +4\leftrightarrow +5} \qquad \frac{Treble}{-5\leftrightarrow -4\cdots \leftrightarrow +4\leftrightarrow +5}$	
Direct key power on function	■ Function	
 When you press any of the following buttons, the unit turns on. CD, USB, iPod, <i>BLUETOOTH</i>, AUDIO/LINE (INPUT), TUNER, iPod ►/N, CD/USB ►/N, <i>BLUETOOTH</i> ►/N on the remote control: Selected function is activated. ►/N button on the main unit: The unit turns on and playback of the last function will start (CD, USB, iPod, <i>BLUETOOTH</i>, AUDIO IN, LINE IN, TUNER) 	Press the FUNCTION button repeatedly to select desired function. $CD \longrightarrow FM \text{ STEREO} \longrightarrow FM \text{ MONO} \longrightarrow$ f Bluetooth USB f Line In \leftarrow Audio In \leftarrow iPod \leftarrow Note: The backup function will protect the memorised function mode for a few hours should there be a power failure or	

Auto power off function

(during Bluetooth stand-by mode)

NFC tag set up The NFC tags can be placed anywhere convenient to you. 1 Peel the separator off the velcro tape (loop type) and The velcro tapes supplied will help to secure the tags onto the desired location.

Separator • Make sure that the NFC tag is placed on a flat and level Velcro tape (loop If you choose not to use the velcro tape, do not place type) the NFC tag near metal surface to avoid connection

6

FUNCT

will appear.

Note for iPhone playback:

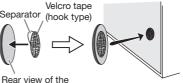
mately 10 seconds

start conversation

inserting it into the dock.

2 Peel the separator off the velcro tape (hook type) and NFC tag has unique ID for each individual set. SHARP stick it to the rear of the NFC tag. Then place the tag onto the desired location SHARP will not be held liable for the damages caused

NFC tag



È O O O O O ⊂ →

SHARP

iPod, iPhone or iPad playback (USB terminal)

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

2 Press the USB button (remote control) or FUNCTION

button repeatedly (main unit) to select USB function.

Track number

3 Connect iPod, iPhone or iPad to the unit. "USB/iPod"

USB∕iPod 🖙 <u>T</u>RACK

Incoming calls will pause the playback.

(Q)

PREBET

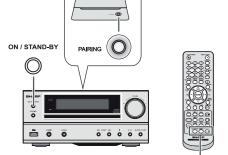
PREDET

■ Bluetooth Bluetooth wireless technology is a short-range radio technology that enables wireless communication between various types of digital devices, such as mobile phone or computer. It operates within a range of about 10 meters (30 feet) without the hassle of having to use cables to connect these devices.

This unit supports the following: Communication System: Bluetooth Specification version 2.1 Bluetooth + Enhanced Data Rate (EDR). Support Profile : A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile) Notes when using unit with a mobile phone

• This unit cannot be used to talk over the telephone even when there is a Bluetooth connection made to a mobile Please refer to the operating manual supplied with the

mobile phone for details on operation of your mobile phone while transmitting the sound using a *Bluetooth* connection.





■ Pairing *Bluetooth* devices Bluetooth devices need to be initially paired first before they can exchange data. Once paired, it is not necessary to pair them again unless

• pairing is made with more than 8 devices. Pairing can only be made one device at a time. This unit can be paired to a maximum of 8 devices. If subsequent device is paired, the oldest device paired, will be deleted and replaced with the new one

• this unit is reset. All pairing information is deleted when unit is reset. • pairing information is deleted while re-pairing, etc.

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Listening to the iPod, iPhone or iPad (continued)

ck your iPod or iPhone into the unit.	🔳 Vari	ious iPod,	iPhon	e and i	Pad functions
iPhone (bottom)	Function	Main unit		control	Operation
Lightning connector	Play	Dock/USB	Dock iPod	USB CD/USB	Press in the pause
	Pause	\bigcirc	►/II	►/II	mode. Press in the playback mode.
Lightning connector Dock for iPhone	Track up/ down		Ö	0	Press in the playback or pause mode. If you press the button in the pause mode, press the ▶/II button to start the desired track.
Pod or iPhone playback (Dock)	Fast forward/				Press and hold down in the
ess the ON/STAND-BY button to turn the power on. ss the iPod button on the remote control or FUNCTION ton repeatedly on the main unit to select iPod function.	reverse				playback mode. Release the button to resume playback.
ert iPod or iPhone unit into the dock of main unit. vck Ok" will appear. ss the ►/n (iPod ►/n) button to start playback.	Display				Press to display iPod information.
o disconnect iPod, iPhone or iPad remove the iPod or iPhone from the docking station	Repeat				Press to toggle repeat mode.
I connector from USB terminal. It is safe to do so uring playback.	Shuffle		RAN		Press to toggle shuffle mode.
lavigating the iPod, iPhone or iPad menus ss the MENU button to view the menu on iPod, iPhone Pad unit. Press it again to go back to previous menu.	Menu				Press to view the iPod menu during iPod function.
e the PRESET (✓ or ∧) button to select an item on menu and then press ENTER button.	Enter		EN	TER	Press to confirm the selection.
navigating the iPod, iPhone or iPad menu with re- ontrol, do not operate any of the buttons on the iPod one unit. The volume level is adjusted by pressing oL (+ or –) button on the main unit or the remote . Adjusting the volume on the iPod, iPhone or iPad we no effect.	Cursor Up/ Down			~	Press to select the iPod menu.
Phone and iPad operations: erations described below depend on the generation					

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System on operation:

When the main unit is powered on, the iPod, iPhone or iPad units will automatically power on when docked or connected to the unit. System off (stand-by operation):

Docking station is for iPod touch (5th generation), iPod nano (7th generation) and iPhone 5 connection only. Other

Apple products (iPod, iPhone and iPad) can be connected Open the docking station for iPod and iPhone by

Unplug all accessories from the iPod or iPhone before

played back when connected to the USB terminal

the USB cable will affect the performance of this au-

dio system. iPod, iPhone and iPad is not prone to this

External HDD-storage cannot be played back via USB

able file is played on this product, "Not Support" is in-

dicated 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 off the

and MP3 players. It may however face some irregu-

larities due to various unforeseen reasons from some

devices. Should this happen, turn off the unit and then

This product relates to USB mass storage devices

vices will work on this audio system.

longer time for the data to be read.

condition.

connection.

terminal



4 Press the ►/II (CD/USB ►/II) button to start playback. 🔳 N 1 Pre Stop button () is invalid during iPod, iPhone or iPad playor i 2 Use the Sound will only switch from iPhone to the main unit. Note: after authentication process is completed in approxi-When mote co or iPho Once the calls are answered, the conversation can only be heard through the built-in iPhone speaker. the VO control. Turn on the iPhone speaker or undock the iPhone to units ai iPod, iF ■ iPod and iPhone connection (Dock only) The operations described below depe iPod, iPhone and iPad you are using.

When the main unit is turned to stand-by mode, the docked iPod, iPhone or connected iPad unit will automatically turn to stand-by mode.

During Bluetooth Stand-by mode, when music is played from vour device, the unit will automatically power on when the Bluetooth connection has been set up between the main unit and your device and they remain connected

This function is not applicable during Demonstration mode off.

pleted and the pairing information will not be memo- rised. Repeat step 1 onwards to start pairing again.	Open Accessory support allows external USB hardware (an Android USB accessory) to interact with an Android-
 To pair with other devices, repeat steps 1 - 5 for each device. This unit can be paired to a maximum of 8 de- vices. If subsequent device is paired, the oldest device paired, will be deleted and replaced with the new one. 	powered device in a special accessory mode. When an Android-powered device is in accessory mode, the con- nected accessory acts as the USB host (powers the bus and enumerates devices) and the Android-powered device acts in the USB accessory role. Android USB accessories
 Once a device is ousted or deleted from the pairing list, the pairing information for the device is also deleted. To listen to the sound from the device again, it needs to be re-paired. Perform steps 1 - 5 to pair the device again. 	are specifically designed to attach to Android-powered devices and adhere to the Open Accessory Protocol, that allows them to detect Android-powered devices that support accessory mode.
■ Listening to the sound	1 Insert the connector to the device.
 Check that: The source device <i>Bluetooth</i> functionality is ON. Pairing of this unit and the source device is completed. Unit is in connected mode. 	Device (Smartphone/Tablet)
1 Press the ON/STAND-BY button to turn the power on.	Connector

2 Press the FUNCTION button to select Bluetooth func-3 Start the Bluetooth connection from the Bluetooth stereo audio source device.

4 Press the BLUETOOTH ►/II button. For various Bluetooth operations, refer "NFC connection for audio playback" on page 7. If the source device has an extra bass function or

equalizer function, set them to off to avoid sound distortion.

• Make the Bluetooth connection again if the source device is not turned on, or its Bluetooth functionality is off or is in sleep mode.

To disconnect the *Bluetooth* device

Perform any of the followings. - Disconnect the Bluetooth connection on the audio source device. Refer the operating manual supplied with the device

- Turn off this unit.

Auto power on

he connector to the device. Device phone/Tablet) Connector — 2 Connect the device to the main unit via USB connector. O O

USB connector

(not supplied)

- Turn off the Bluetooth stereo audio source device

The volume of this unit may not be controlled as intended depending on the device.

n : Open Accessory	Android device playback
pport allows external USB hardware ccessory) to interact with an Android- a special accessory mode. When an evice is in accessory mode, the con- cts as the USB host (powers the bus vices) and the Android-powered device essory role. Android USB accessories	 2 Press the USB button (remote control) or FUNCTION button repeatedly (main unit) to select USB function. 3 Connect the device (Smartphone/Tablet) to the unit. "USB Media" will be displayed.

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usb Media 4 Press the play button (on main unit, remote control or

the AC power lead becomes disconnected

If the source device has an extra bass or equalizer function, set them to off. If these functions are on, sound may be distorted. Incoming calls will pause the playback/application.

 Once the calls are answered, the conversation can only be heard through the built-in speaker of the cellular device. Turn on the device speaker or disconnect the device to start conversation.

To disconnect the Android device 1 Quit the application (apps).

2 Disconnect the device from the USB terminal.

Various functions

Function Remote control Operation Press in the playback or Track stop mode. If you press the button \bigcirc in the stop mode, press the ►/II button to start the sired track. Press and hold down in Fast forward/ the playback mode. Release the button to resume playback Notes:

• If non-compatible device is detected, "Dev No Support" will be displayed. • Controls (play/pause/skip up/skip down) will function

based on actual Applications (Apps) controls used on Android devices.

Android is a trademark of Google Inc.

To cancel the programmed play mode

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

JSB function NO Other function YES (Bluetooth/CD/Tuner/ USB/iPod/Audio/Line in) Bluetooth Stand-by YES NO • The message "This accessory is not made to work with iPhone" or similar, may appear on the iPhone screen when: - battery is low. - the iPhone is not properly docked (eg. slanting). If this occurs, remove and re-dock the iPhone. The headphone output is switched off during inserting iPod. iPhone and iPad unit. This is an Apple product specification ■ iPod, iPhone and iPad connection (USB only) 1 Insert the connector to the iPod, iPhone or iPad. iPad Connector 12 2 Place the iPad to the stand for iPad.

iPad

Stand for iPad

3 Connect the iPod, iPhone or iPad to the unit via USB

USB terminal does not support VIDEO out.

USB



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Caution

Note:

2 Dock your iPod or iPhone into the unit. iPhone (bottom) Lightning connector Lightning connector Dock for iPhone
 iPod or iPhone playback (Dock) Press the ON/STAND-BY button to turn the power on. Press the iPod button on the remote control or FUNCTION button repeatedly on the main unit to select iPod function. Insert iPod or iPhone unit into the dock of main unit. "Dock Ok" will appear. Press the ►/II (iPod ►/II) button to start playback.
To disconnect iPod, iPhone or iPad Simply remove the iPod or iPhone from the docking station or iPad connector from USB terminal. It is safe to do so even during playback.

Listening to a CD or MP3/WMA disc

123

4 5 6

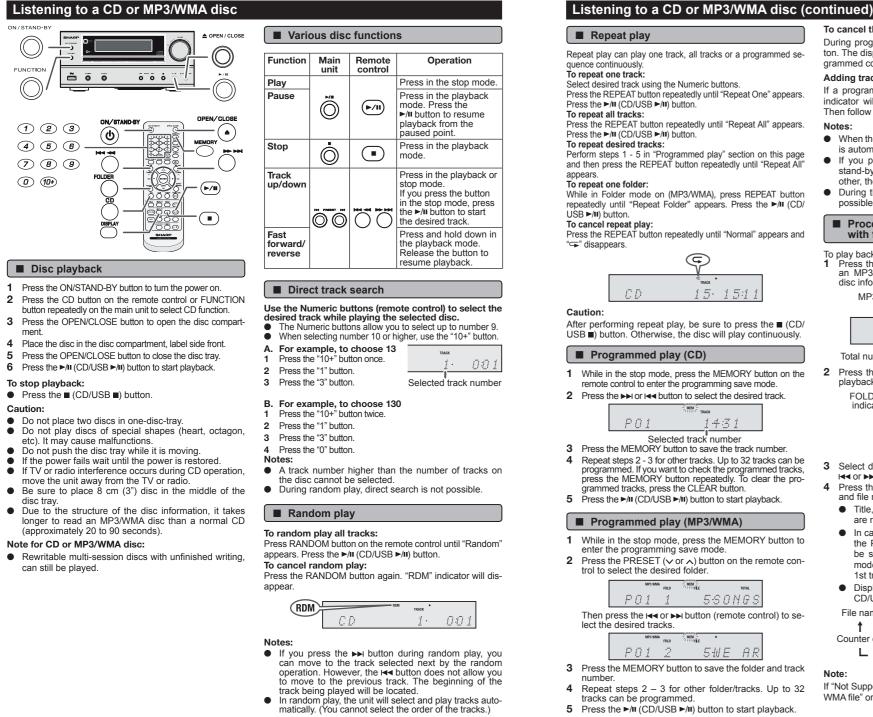
789

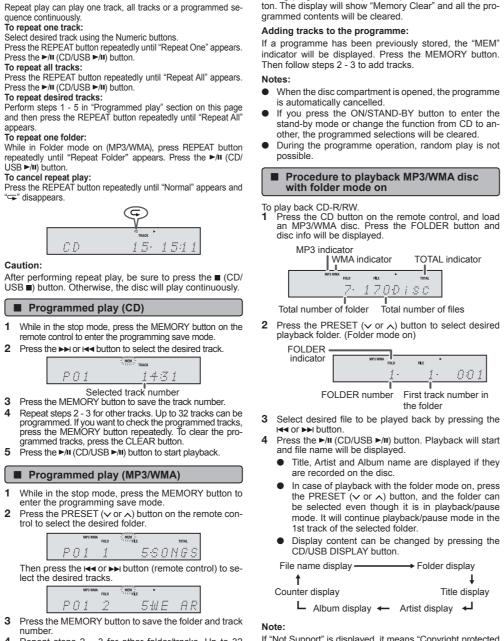
0 10+

ment

Caution:

To stop playback



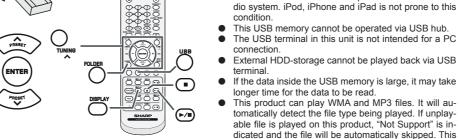


9

If "Not Support" is displayed, it means "Copyright protected 4 Repeat steps 2 – 3 for other folder/tracks. Up to 32 WMA file" or "Not supported playback file" is selected. tracks can be programmed. 5 Press the ►/II (CD/USB ►/II) button to start playback.

13

Listening to USB mass storage device/MP3 player • SHARP will not be held liable for the loss of data while the USB memory device is connected to the audio system. Files compressed in MP3 and/or WMA format can be 00000 0 0 This USB memory's format supports FAT 16 or FAT 32. SHARP cannot guarantee that all USB memory de-USB cable is not recommended for use in this audio system to connect to USB memory device. Use of



This product is not compatible with MTP and AAC file systems from USB mass storage device or MP3 player.

```
To play back USB/MP3 player with folder
  mode on / off
```

```
1 Press the USB button (remote control) or FUNCTION
                                                                    turn it on again.
    button (main unit) repeatedly to select USB function
                                                                • During CD function, MP3 player will not be charging.
    Connect the USB memory device that has MP3/WMA format files on the unit. When the USB memory is con-
                                                                The following functions are the same as CD operations:
    nected to the main unit, the device information will be
     displayed.
                                                                Direct track search
    To playback with folder mode on follow step 2 below
     To playback with folder mode off, skip to step 3 below.
                                                                Repeat play
2 Press the FOLDER button, and press the PRESET (v or
                                                                Random play
                                                                Programmed play (MP3/WMA)

    button to select desired playback folder. To start play

    back, go to step 4. To change the playback folder, press
the PRESET (\checkmark or \land) button to select another folder.
3 Select desired file to be played back by pressing the
                                                               If USB memory device is not connected, "USB No Media"
   Idd or ►►I button.
                                                                will be shown on the display.
4 Press the ►/II (CD/USB ►/II) button. Playback will start
    and the file name will be displayed
                                                                • This unit only supports "MPEG-1 Audio Layer-3" for-

    Title. Artist and Album name are displayed if they

                                                                    mat. (Sampling Frequency is 32, 44.1, 48kHz)
       are recorded in the USB memory device.

    Playback order for MP3 files may differ depending on

    • Display content can be changed by pressing the
                                                                    the writing software used during file download
       CD/USB DISPLAY button.

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

 Note:
                                                                    WMA is 64~160 kbps.

    Files without MP3/WMA format cannot be played back.

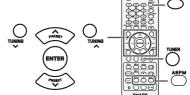
 To pause playback:
 Press the ►/II (CD/USB ►/II) button
                                                                  Plavlists are not supported on this unit.
 To remove USB memory device
```

This unit can display Folder Name or File Name up to 32 characters. • Total number of folders read is 999 including folder with non-playable file. However, the display shows only folder with MP3/WMA files. 1 Press the ■ (CD/USB ■) button to stop playback 2 Disconnect USB memory device from the USB terminal. The display playback time may not be displayed corectly when playing back a variable bitrate file WMA meta tag also supports title, artist and album name which are recorded in WMA files. Copyright protected WMA files cannot be played back.

14

Listening to the radio





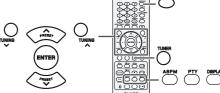
4 Within 30 seconds, press the MEMORY button to store that station in memory. If the "MEM" and preset number indicators disappear before the station is memorised, epeat the operation from step 2.

5 Repeat steps 1 - 4 to set other stations, or to change a preset station. When a new station is stored in the memory, the station previously memorised for that preset channel number will be erased.

The backup function protects the memorised stations for a

few hours should there be a power failure or the AC power

Press and hold the PRESET (\checkmark or \checkmark) button to select the



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

2 Press the TUNER button (remote control) of

FUNCTION button (main unit) repeatedly to select FM Stereo or FM Mono.

Press the TUNING (v or v) button repeatedly to tune

To scan the preset stations Press and hold the PRESET (v or A). button until the preset number flashes. The programmed stations will be tuned in sequentially, for 5 seconds each. Press the PRESET (or) bbutton again when the desired station is located.

To recall a memorised station

lead become disconnected.

desired station.

■ To erase entire preset memory

Press the ON/STAND-BY button to turn the power on 2 Press the FUNCTION button (main unit) repeatedly or TUNER button (remote control) to select Tune function 3 In Tuner function press and hold the CLEAR button

information about the type of programme such as

When tuned to an RDS station, "RDS" and the station

"TP" (Traffic Programme) will appear on the display when

the received broadcast carries traffic information, and "TA"

(Traffic Announcement) will appear whilst a traffic informa-

"PTYI" (Dynamic PTY Indicator) will appear whilst the Dy-

8880MHz

Tuner Clear

● Auto tuning: Press and hold the TUNING (∨ or ∧) button. Scanning will (remote control) until "Tuner Clear" appears. start automatically and the tuner will stop at the first receiv-CLEAR able broadcast station.

Notes:

Page

.. 12

.. 13

.. 12

. 13

Tuning

3 • Manual tuning:

in to the desired station

- 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 TUNING (∨ or ∧)
- Using the Radio Data System (RDS) When an RDS (Radio Data System) station is tuned in, the frequency will be displayed first, and then the RDS in-dicator will light up. Finally, the station name will appear. RDS is a broadcasting service which a growing number of FM stations provide. These FM stations • Full auto tuning can be achieved for RDS stations send additional signals along with their regular programme signals. They send their station names, and "ASPM", see page 16.

To receive an FM stereo transmission

Press the TUNER button to select stereo mode. "ST" indicator will be displayed. "•••" and "•" will appear If the FM reception is weak, press the TUNER button to extinguish the "ST" indicator. The reception changes to monaural, and the sound becomes clearer.

Memorising a station

You can store 40 FM stations in memory and recall them at the push of a button. (Preset tuning)

1 Perform steps 2 - 3 in "Tuning". 2 Press the MEMORY button



3 Within 30 seconds, press the PRESET (v or A) button to select the preset channel number. Store the stations in memory, in order, starting with preset channel 1.



namic PTY station is received.

FΜ

sport, music, etc.

tion is on air."

name will be displayed.



00.

Title display

Usin

kept there

Using the Radio Data System (RDS) (c	ontinued)
Information provided by RDS You can control the RDS by using the buttons on the remote control only.	 Notes: If the same station is broadcasting on different frequencies, the strongest frequency will be stored in memory. Any station which has the same frequency as the one stored in memory will not be stored. If 40 stations have already been stored in memory, the
Each time the RDS DISPLAY button is pressed, the display will switch as follows:	 scan will be aborted. If you want to redo the ASPM operation, erase the preset memory. If no station have been stored in memory, "END" will appear for about 4 seconds. If the RDS signals are very weak, station names may not be stored in memory. The same station name can be stored in different channels. In a certain area or during certain time periods, the station names may be different.
Frequency Radio text (RT)	Notes for RDS operation
When tuning in to a station other than an RDS station or to an RDS station which sends weak signal, the display will change in the following order: $\qquad \qquad $	 If any of the following events occur, it does not mean that the unit is faulty: "PS", "No PS" and a station name appear alternately, and the unit does not operate properly. If a particular station is not broadcasting properly or a station is conducting tests, the RDS reception function may not work properly. When you receive an RDS station whose signal is too weak, information like the station name may not be displayed. "No PS", "No PTY" or "No RT" will flash for about 5
Using the Auto Station Programme	seconds, and then the frequency will be displayed. Notes for radio text:
Memory (ASPM) While in the ASPM operation mode, the tuner will auto- matically search for new RDS stations. Up to 40 stations can be stored. 1 Press the TUNER button (remote control) or FUNC- TION button (main unit) repeatedly to select TUNER function.	 The first 14 characters of the radio text will appear for 4 seconds and then they will scroll across the display. If you tune in to an RDS station which is not broadcasting any radio text, "No RT" will be displayed when you switch to the radio text position. While radio text data is received or when the text contents change, "RT" will be displayed.
 Press and hold the RDS ASPM button. After "ASPM" has flashed for about 4 seconds, 	To recall stations in memory
scanning will start (87.50 - 108.00 MHz).	To specify programmed types (news, sports, traffic
<u>`ÁŚĖ́́́́́́;</u> ➡ FM 87.50MHz	 programme, etc) and select stations (PTY search): Press the TUNER button (remote control) or FUNCTION button (main unit) repeatedly to select TUNER function.
2 When an RDS station is found, "RDS" will appear for a short time and the station will be stored in memory.	2 Press the RDS PTY button. SELECT ⇔ PTY TI
FM 8800MHz	"SELECT" and "PTY TI" will appear alternately for about 6 seconds.
3 After scanning, the number of stations stored in memory will be displayed for 4 seconds, and then "END" will appear for 4 seconds.	3 Within 6 seconds, press the TUNING (∨ or ∧) button to select the programme type.

Each ti To stop the ASPM operation before it is complete: appear. onds, th Press the RDS ASPM button while it is scanning for stations. The stations which are already stored in memory will be

16

FΝΠ

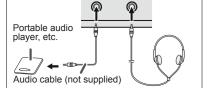
Enhancing your system

08 MEMORY ⊨>

The connection lead is not included. Purchase a commer-If some before cially available lead as shown

iy available	e lead	as shown below.	
	SHARP OK EINOPY O NACES	o	





Listening to the playback sounds of portable audio player, etc.

1 Use a connection lead to connect the portable audio player, etc. to the AUDIO IN socket. **2** Press the ON/STAND-BY button to turn the power on.

3 Press the AUDIO/LINE (INPUT) button (remote control) or FUNCTION button repeatedly (main unit) to select AUDIO IN function.

	JELEV I			
		vill appear alternately for about	t	
	 6 seconds. Within 6 seconds, press select the programme ty 	s the TUNING (v or v) button to	1	
	10,			
	_/v	EUŚ-		
á		essed, the programme type wil ld down for more than 0.5 sec- will appear continuously.		
6				
	Troubleshooting	chart	Troubleshooting	1 (
		this product, check the following		-
t	before calling your author centre.	ised SHARP dealer or service		
ſ	General		Symptom No sound is	
			produced.	•
	Symptom	Possible cause		
	• The clock is not set to the correct time.	 A power failure occurred. Reset the clock. (Refer page 18) 	 Device will not charge. 	
- F	• When a button is		onargo.	
	When a button is	• Set the unit to the power		
	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. 	■ iPod, iPhone or i	
	pressed, the unit does	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. 		
-	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) 	Symptom	iPi
	pressed, the unit does	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". 		iPi
-	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. 	Symptom ● No sound is	iPi
-	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not 	Symptom ● No sound is	iPi
-	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the 	Symptom ● No sound is	iPa
-	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio 	 Symptom No sound is produced. ● iPod, iPhone or iPad 	iPa •
-	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. The unit is not paired with 	Symptom No sound is produced.	iP;
	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. 	 Symptom No sound is produced. ● iPod, iPhone or iPad 	iP;
	Pressed, the unit does not respond. • No sound is heard.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. The unit is not paired with the <i>Bluetooth</i> stereo audio 	 Symptom No sound is produced. ● iPod, iPhone or iPad 	iP;
	pressed, the unit does not respond.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. The unit is not paired with the <i>Bluetooth</i> stereo audio 	 Symptom No sound is produced. ● iPod, iPhone or iPad 	iP;
	Pressed, the unit does not respond. • No sound is heard.	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. The unit is not paired with the <i>Bluetooth</i> stereo audio 	 Symptom No sound is produced. ● iPod, iPhone or iPad 	iP;
	 No sound is heard. No sound is heard. Remote control Symptom The remote control 	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. The unit is not paired with the <i>Bluetooth</i> stereo audio source device. 	 Symptom No sound is produced. iPod, iPhone or iPad will not charge. "This accessory is not made to work 	P;
	 No sound is heard. No sound is heard. Remote control Symptom 	 Set the unit to the power stand-by mode and then turn it back on. If the unit still malfunctions, reset it. (Refer page 22) The volume level set to "Min". The headphones are not connected. The speaker wires are not connected. The unit is too for from the <i>Bluetooth</i> stereo audio source device. The unit is not paired with the <i>Bluetooth</i> stereo audio source device. 	 Symptom No sound is produced. iPod, iPhone or iPad will not charge. "This accessory is 	iP:

leshooting	y chart (continued)		
n Accessory		USB	
mptom	Possible cause	Symptom	Possible cause
nd is ed.	 The device is not playing. The device is not properly connected to the unit. The AC power lead of the unit is not plugged in. 	 Device cannot be detected. 	 Is there any MP3/WMA file available? Is the device properly connected? Is it an MTP device?
will not	 The device is not making full contact with the USB terminal 		• Does the device contain AAC file only?
l, iPhone or i		 Playback does not start. 	 Is it a copyright protected WMA file? Is it a false MP3 file?
mptom	Possible cause		Is Variable Bitrate file being played back?
nd is ed.	 The iPod, iPhone or iPad is not playing. The iPod, iPhone or iPad is 		 Is the File Name written in Chinese or Japanese characters?
	not properly connected to the unit.	Tuner	
	Is the AC power lead of the unit alwared in 2		
hone or iPad	unit plugged in? • The iPod, iPhone or iPad is	Symptom	Possible cause
charge.	 The IPOG, IFIDITE of IPad is not making full contact with the connector. Using iPod (3rd generation). The iPod or iPhone is not supported. Refer to page 10 for compatible models. 	The radio makes unusual noises continuously.	 The unit placed near a TV or computer. The FM aerial is not placed properly. Move the aerial away from the AC power lead if it is located nearby.

17

Using the Radio Data System (RDS) (continued

⇒ search

4 While the selected programme type is flashing (within 6 seconds), press the RDS PTY button

After the selected programme type has been lit for 2 sec-

onds, "SEARCH" will appear, and the search operation will

• If the display has stopped flashing, start again from

If you want to listen to the same programme type of another station, press the RDS PTY button while the

If no station can be found, "NOT FOUND" will appear for 4 seconds.

If you select the traffic programme (TP) in step 3, "TP"

(This does not mean that you can listen to the traffic infor-

When the traffic information is broadcast, "TA" will appear.

step 2. If the unit finds a desired programme type, the corresponding channel number will lit for about 8 seconds, and then the station name will remain lit.

channel number or station name is flashing. The unit

again.

start.

Notes:

NEUS

will look for the next station.

If you select the traffic programme:

mation at that time.)

ontinued)	Setting the clock (Remote control	Timer and sleep operation (Remote	Timer and sleep operation (Remote co
Descriptions of the PTY (Pro (Traffic Programme) and TA (NEWS POP M S AFFAIRS ROCK M R INFO EASY M P SPORT LIGHT M T EDUCATE CLASSICS L DRAMA OTHER M J CULTURE WEATHER C SCIENCE FINANCE N	<text><image/><text><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></text></text>	<section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header>	 12 When the preset time is reached, playback will start. The volume will increase gradually until it reaches the preset volume. The timer indicator will blink during timer playback. 13 When the timer end time is reached, the system will enter the power stand-by mode automatically. Once timer: The timer will be cancelled. 2aily timer: The timer operates at the same time every selected day. Cancel the daily timer when it is not in use. Notes: When performing timer playback using another unit connected to the USB terminal or AUDIO IN jack, select "USB" or "AUDIO IN" or "LINE IN" in step 5. This unit will turn on or enter the power stand-by mode 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. Checking the timer playback, follow step "Cancelling the timer setting" of this page. Within 10 seconds, press the I+4 or ▶▶ button to select "Once" or "Daily", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Call", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Call", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Call", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Call", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Off", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Off", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Off", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Timer Off", and press the ENTER button. Within 10 seconds, press the I+4 or ▶▶ button to select "Once" or "Daily", and press the ENTER button.



Troubleshooting chart (continued) Specifications ■ Factory reset, clearing all memory As part of our policy of continuous improvement, SHARP reserves the right to make design and specification chang-**1** Press the ON/STAND-BY button to turn the power on. es for product improvement without prior notice. The per 2 Press FUNCTION button (main unit) repeatedly or formance specification figures indicated are nominal val-AUDIO/LINE (INPUT) button (remote control) to enter ues of production units. There may be some deviations

from these values in individual units 3 Press I de button (main unit) once. 4 Press and hold ■ button (main unit) until "RESET" appears. General Power source AC 220 - 240 V ~ 50/60 Hz RESET Power Power on: 52 W Power stand-by: 0.4 W (*)

consumptio Dimensions This operation will erase all data stored in memory including clock, timer settings and tuner preset. Weight Before transporting the unit Frequency band 2.400GHz - 2.480GHz Compatible Bluetooth Profile | Profile), AVRCP (Audio/Video

Remove all devices connected to the unit. Then, set the unit to the power stand-by mode. Carrying the unit with other devices left connected or discs left inside might dam age the unit.

Care of discs

Audio In mode.

O

Caution:

⇔

O

Discs are fairly resistant to damage. However mistracking can occur due to accumulation of dirt on the surface. • Do not mark on the non-label side of the disc from which

CD player



Width: 215 mm (8 - 1/2")

Height: 96 mm (3 - 4/5")

Remote Control Profile)

Bluetooth 2.1 +EDR

(*) This power consumption value is obtained when the demon-

fer to page 4 to cancel the demonstration mode.

Amplifier

stration mode is cancelled in the power stand-by mode. Re

2.6 kg (5.7 lbs.)

Depth: 335 mm (13 - 1/5")

A2DP (Advanced Audio Distributio

19

27

Specifications (continued) Tuner

Frequency range FM: 87.5 - 108 MHz Type Single disc multi-play compact disc Preset Non-contact, 3-beam Signal readout emiconductor laser pickup Speaker (XL-HF202PH) D/A converter Multi bit D/A converter 20 - 20,000 Hz Frequency Type esponse Dynamic range 90 dB (1 kHz) Maximum input 100 W USB (MP3 / WMA) power Rated input power 50 W USB host Complies with USB 1.1 (Full Impedance Speed)/2.0 Mass Storage terface Support Bulk only and CBI protocol. MPEG 1 Layer 3 Weight Support file WMA (Non DRM) Bitrate support MP3 (32 ~ 320 kbps) Speaker (XL-HF302PH) WMA (64 ~ 160 kbps) Other Maximum total number of MP3/ Тур WMA files is 65025. Maximum total number of folders is 999 INCLUSIVE of Maximum input 100 W root directory. power The ID3TAG information

Timer and sleep operation (Remote control only) (continued 12 When the preset time is reached, playback will start. The Sleep operation volume will increase gradually until it reaches the preset volume. The timer indicator will blink during timer play-The radio, disc, iPod, USB, Audio In and Line In can all be turned off automatically. **13** When the timer end time is reached, the system will 1 Play back the desired sound source. enter the power stand-by mode automatically. Press the SLEEP button. Within 5 seconds, press the Numeric button to set the The timer will be cancelled. time. (1 minute ~ 99 minutes) 4 "SLEEP" will appear. The timer operates at the same time every selected 5 The unit will enter the power stand-by mode day. Cancel the daily timer when it is not in use. automatically after the preset time has elapsed. The volume will be turned down 1 minute before the sleep operation finishes. When performing timer playback using another unit To confirm the remaining sleep time: connected to the USB terminal or AUDIO IN jack, se-While "SLEEP" is indicated, press the SLEEP button. lect "USB" or "AUDIO IN" or "LINE IN" in step 5. This To cancel the sleep operation: Press the ON/STAND-BY button while "SLEEP" is unit will turn on or enter the power stand-by mode au tomatically. However, the connected unit will not turn 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 stop the timer playback, follow step "Cancelling the timer setting" of this page. 2 Within 5 seconds, press the "0" button twice until checking the timer setting: "SLEEP 00" appears. Turn the power on. Press and hold the CLOCK/TIMER To use timer and sleep operation together Within 10 seconds, press the Idd or DDI button to select "Once" or "Daily", and press the ENTER button. Sleep and timer playback: Within 10 seconds, press the I are or I button to select "Timer Call", and press the ENTER button. For example, you can fall asleep listening to the radio and wake up to CD the next morning. Set the sleep time (see above, steps 1 - 5). ancelling the timer setting: Turn the power on. Press and hold the CLOCK/TIMER 2 While the sleep timer is set, set the timer playback (steps 2 - 9, page 17). Within 10 seconds, press the Idd or IDD button to select "Once" or "Daily", and press the ENTER button Sleep timer Timer playback End time Within 10 seconds, press the Idd or ►►I button to select setting setting "Timer Off", and press the ENTER button. Timer will be cancelled (the setting will not be cancelled). 1-99 minutes Desired time

Sleep operation will Timer playback start automatically stop time

40 (FM station)

4 ohms

2-way type speaker system

2.5 cm (1") Dome-Tweeter

Width: 148 mm (5-13/16")

Depth: 203.5 mm (8")

2.5 kg (5.4 lbs.)/each

Height: 262 mm (10-5/16")

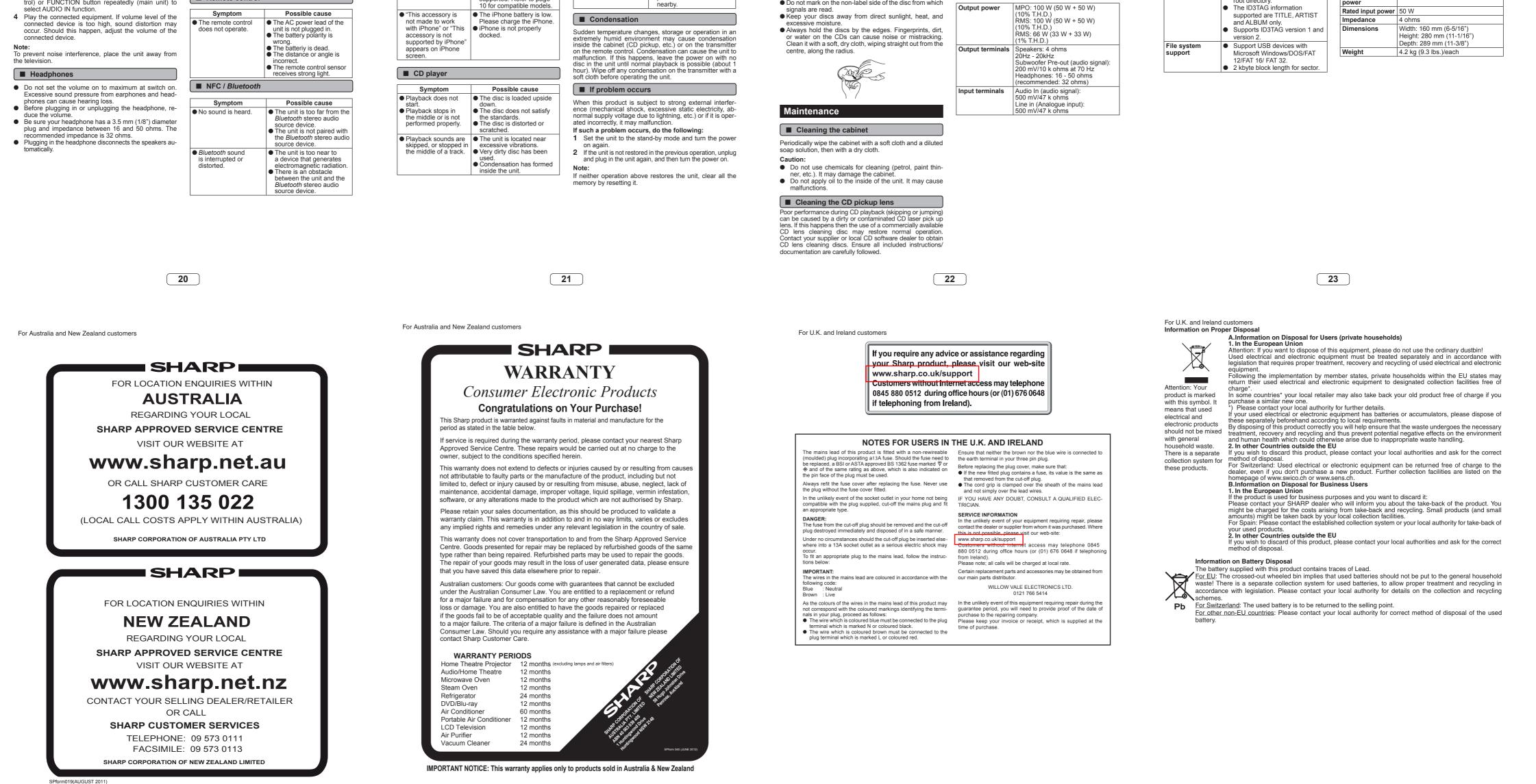
2-way type speaker system

2.5 cm (1") Dome-Tweeter

13 cm (5-1/8") woofer

12 cm (4-3/4") woofer

euse the same setting, perform the following operations. Turn the power on. Press and hold the CLOCK/TIMER button.



24

26

TERMS OF GUARANTEE

Sharp Electronics (UK) Ltd. ("Sharp") guarantees to provide for the repair, or at its option the replacement, of this product subject to the conditions listed below:

1. This guarantee shall only apply to faults which are due to inferior workmanship or materials. It does not cover faults or damage caused by accident, misuse, fair wear and tear, neglect, tampering with the product, or repair other than by a Service Facility appointed by Sharp.

2. As this product is intended for private domestic use only, the guarantee will not apply if the product is used in the course of a business, trade or profession.

3. To benefit from this guarantee, any fault which occurs must be no tified to Sharp, or its appointed Service Facility within one year from the date this product was purchased. Proof of purchase must be provided.

4. The guarantee does not cover carriage costs, audio tapes, compact discs, iPod, iPhone, iPad, USB devices or batteries

5. In the unlikely event of this product requiring repair, please contact the supplier from whom it was purchased. Where this is not possible, please contact the Sharp Customer Information Centre on the telephone number given below.

6. No person has any authority to vary the terms or conditions of this guarantee.

7. This guarantee is offered as an additional benefit to your statutory rights, and does not affect these rights in any way.

f you have any difficulty operating this product, or would like information on other Sharp products, lease telephone the Sharp Customer Information Centre on the number given below

Sharp Customer Information Centre - Telephone 0845 880 0512 (or (01) 676 0648 if telephoning from Ireland) Customer support website address - www.sharp.co.uk/support



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