

SANYO

INSTRUCTION MANUAL

RP-DAB100

Portable DAB/FM Radio



Problems with set-up?

Call 0870 240 7475

Calls cost a maximum of 8p per minute during peak periods, based on BT rates of April 2004

DAB
Digital Audio Broadcasting

**DAB digital
Radio™**

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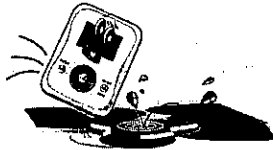


Safety Precautions

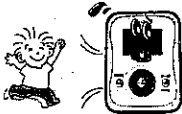
● Storage precautions



Do not store the product at the high-temperature place (above 40°C). Especially, do not store the product in the window-closed vehicle in summer.

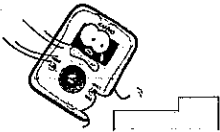


Do not store the product at high humidity, wet or dusty area.



Keep out of the children's reach.

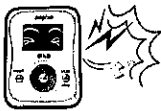
● Usage precautions



Do not drop the product or apply strong shock.



Do not scrub the product surface using alcohol, thinner or benzene.



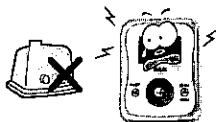
Do not apply strong shock to the LCD.



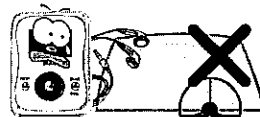
Remove batteries immediately if the product gives off smoke or deformed due to heat.



Safety Precautions



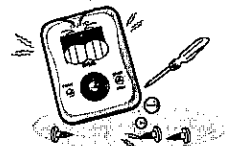
Do not use the product in the prohibited area where the electronic device usage is forbidden such as the aircraft.



There is a risk of the car accident if you use this product while you're driving or walking on the street.
Do not use the earphone or handle the product while driving, cycling, or walking.



If you set the volume too high, your hearing ability may be impaired.
Set the proper volume.



Do not disassemble the product at your discretion.



This product complies with European low voltage(73/23/EEC) and electromagnetic compatibility(89/336/EEC)directives.

● Battery precautions

- Do not mix battery types or sizes.
- Do not mix old and new batteries.
- Dispose of all used batteries safely in accordance with all applicable laws.

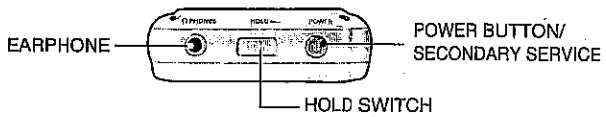


Product Feature

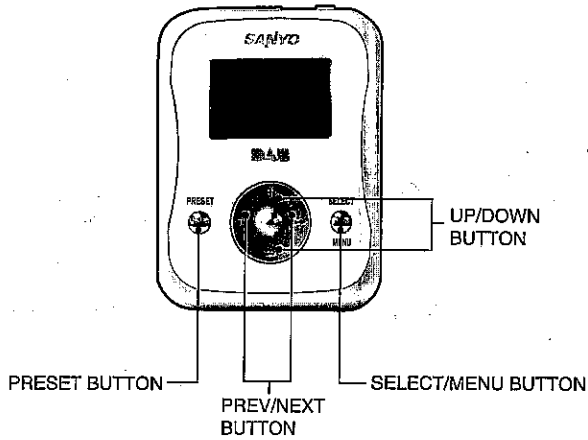
- Portable DAB & FM Radio
- Auto scan/search & manual tuning
- 4 line graphic LCD with blue color LED Backlight
- Support LCD Contrast control
- Support backlight time control
- DAB/FM
 - Fully Compliant with ETS 300 401 (EUREKA 147)
 - Dynamic Label Segment Display
 - Auto scan(full / local) the Station(60)
 - Manual Tune the Station
 - Preset Tune the Station DAB/FM(8/10)
 - Stereo earphone with integrated antenna

Name of the Unit

Top



Front



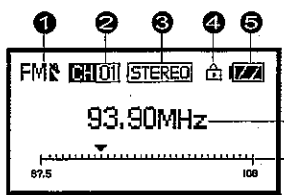
Description on LCD

● DAB MODE



- ① MODE : DAB
- ② Audio Type : STEREO, MONO
- ③ Antenna Status : Level 0~Level 5
- ④ Hold
- ⑤ Battery Status : Level 0~Level 3
- ⑥ Station Name
- ⑦ Ensemble(or Multiplex) Name
- ⑧ DLS Information

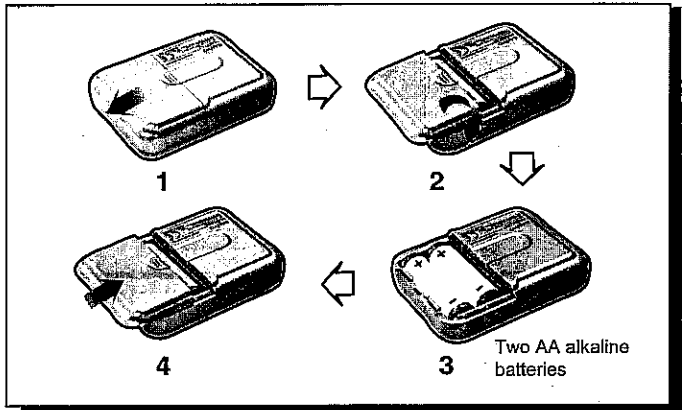
● FM MODE



- ① MODE : FM
- ② Preset No. : Preset 1~Preset 10
- ③ Audio Type : STEREO, MONO
- ④ Hold
- ⑤ Battery Status : Level 0~Level 3
- ⑥ FM Frequency
- ⑦ Position Bar of FM Frequency

Battery

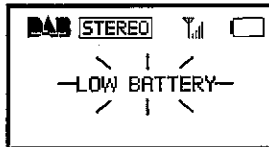
● Installing Batteries



1. Press the battery cover softly and push towards the arrow direction.
2. Open the battery cover.
3. Insert batteries(not supplied) with correct polarity.
4. Close the battery cover.

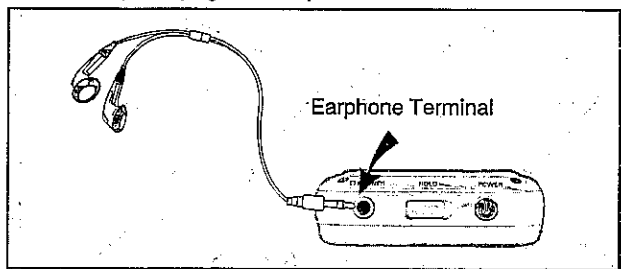
*Always power off before the battery exchanged.

- The LOW BATTERY message is displayed when the battery is not enough to operate.
- After the LOW BATTERY message blinks six times, the unit automatically power off.



2 Connecting an Earphone


Connect the earphone plug to the earphone terminal in the set.

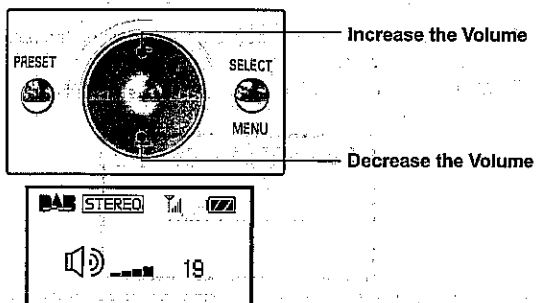


Notes

Earphones are used for the antenna in the unit.
Please insert earphone to set up the antenna.

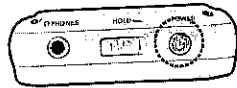
2 Volume Control

Press the UP/DOWN[] button shortly to increase the volume by 1 step, or hold the button to increase the volume continuously.



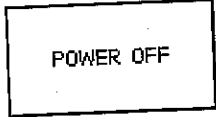
Power On / Off

Power on : Press and hold the POWER [⏻] button briefly to switch the unit on. SANYO logo appears on the LCD display.



Notes
 If any station is saved and searched when the power is on, the station is tuned. If not, the Autoscan Local function starts automatically.

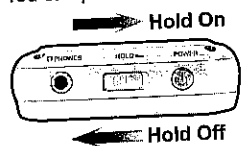
Power off : Press and hold the POWER [⏻] button longer than 2 seconds to switch the unit off.



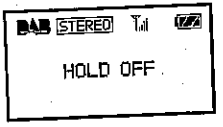
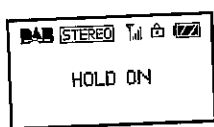
Notes
 This product saves current information when the power is turned off. Backed up information is used when the power is on, and initial operation follows the information.

Hold On / Off

You can prevent unintended button manipulation by setting the Hold mode on.




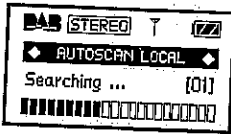
- Hold on : Slide the HOLD [HOLD] Switch to the arrow direction.
- Hold off : Slide the HOLD [HOLD] Switch to the arrow direction in reverse.



DAB Mode

● Getting the DAB Started


Switch on the unit pressing the Power[] button longer once. After appeared SANYO logo, the unit starts to search for all available stations in your area.

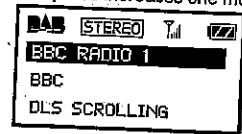


Notes

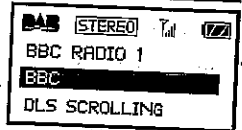
Once a station list has been compiled it will be stored in the systems memory, unless you decide to reset it. If you move location then some stations may not be available in the area although the station still exists in the radio's memory. In this case you should reset the unit and allow it to "AUTOSCAN" the new area for available stations.

● How to change the DAB mode

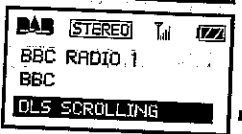
Press the SELECT/MENU[] button to move other modes. Each press increases one mode.



➔ Station mode



➔ Ensemble mode



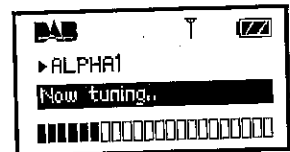
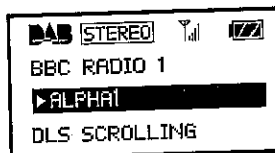
➔ DLS Information Mode

DAB Mode

● How to change the station or other information in the main display

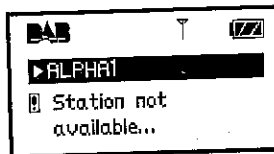
< How to change the station in the ensemble mode >

You can change the saved station in the ensemble mode with the PREV/NEXT [◀▶] button. Select a station among the saved station using the PREV/NEXT [◀▶] button. Press the SELECT/MENU [O] button shortly once to tune the station.



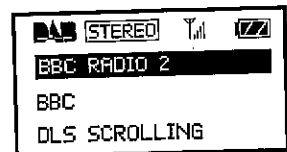
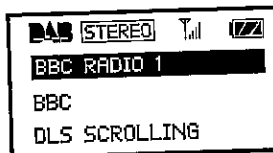
Notes

If the station is not searched, the unit becomes standby mode.



< How to move the station in the same ensemble >

You can move to another station that is in the same ensemble with the PREV/NEXT [◀▶] button in the station mode. You can directly receive the station without tuning.



DAB-Mode

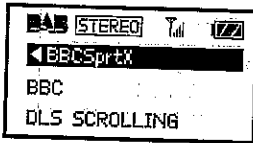
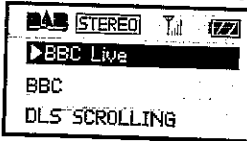
< Moving to the secondary stations within the same station >

One station can contain one or more secondary stations.

If the secondary service station is available, the ► icon will be displayed in front of the primary station name. If the ◀ icon be displayed in front of the secondary station name, it implies that the current station is the secondary one.

The secondary service station accompanies with the primary service and informs the additional information at the specific time.

If the primary service contains the associated secondary service, press the POWER [Ⓜ] button shortly to move to the secondary service.

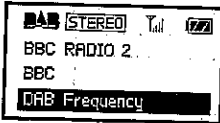
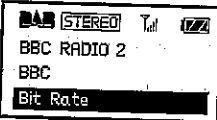
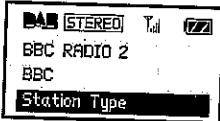
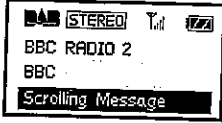


Notes

If the primary service contains the secondary service, press the POWER [Ⓜ] button shortly to move to the secondary service by one step. On the contrary, press the POWER [Ⓜ] button shortly in the secondary service to move back to the primary service by one step.

< How to change the DLS information >

In the information mode press the PREV/NEXT [Ⓜ] button to change the display information that is displaying on the LCD while listening to the service.



DAB-Mode

● How to preset the station

< Preset saving >

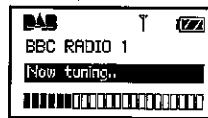
Press and hold the PRESET[○] button for at least 2 seconds to enter the Preset saving mode while listening to the station. Select a preset number 1 to 8 by using the PREV/NEXT[⊖/⊕] buttons and press the PRESET[○] button shortly once to save the station. The preset station is saved in the internal memory. Therefore, it is maintained when the set is turned off and on again.



- ⊖ : Preset was already saved.
- ⊕ : Preset was not saved.


< Preset tuning >




Press the PRESET[○] button shortly once to enter the Preset tuning mode. Select a station that you wish to tune by using the PREV/NEXT[⊖/⊕] buttons, and press the PRESET[○] button shortly to start tuning.

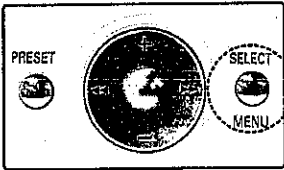


DAB Mode

● DAB Menu

Press and hold the SELECT/MENU[] button longer once in the normal operation status to enter the DAB Menu mode.

Using UP/DOWN[] button, select the Menu you want and then press the SELECT/MENU[] button. Press and hold the SELECT/MENU[] button in the MENU mode to move back to the DAB mode.

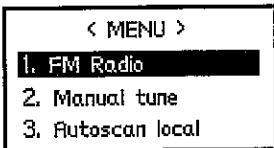




- 1.FM Radio ➡ 2.Manual tune ➡ 3.Autoscan local ➡ 4.Autoscan full
➡ 5.Contrast ➡ 6.Backlight ➡ 7.Exit

Notes

Exits from the MENU when no pressing buttons approx. 14 seconds or more.

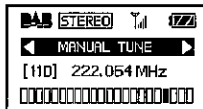
① FM Radio



- Using UP/DOWN[] button, select the FM Radio and press the SELECT/MENU[] button to enter the FM mode.

DAB Mode

② Manual tune



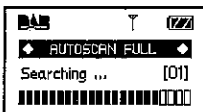
- Using UP/DOWN[] button, select the Manual tune and press the SELECT/MENU[] button shortly once to enter the manual tune mode. You can select an ensemble using the PREV/NEXT[] button in the manual tune mode. Select an ensemble and press the SELECT/MENU[] button to tune the ensemble. If any station are preset in the ensemble, they will be stored in alphanumerical order.

③ Autoscan local



- Using UP/DOWN[] button, select the Autoscan local and press the SELECT/MENU[] button shortly once to scan automatically ensemble 11B to 12D. The new service that is received at this time will be sorted alphabetically and saved in the backup area automatically. (Maximum number of services that can be saved : 60 services)

④ Autoscan full



- Using UP/DOWN[] button, select the Autoscan full and press the SELECT/MENU[] button shortly once to scan automatically ensemble 5A to 13F. The new station that is received at this time will be sorted alphabetically and saved in the backup area automatically. (Maximum number of services that can be saved : 60 services)

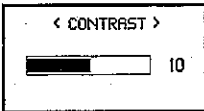


If no station is found during service searching

If no station is found using various methods such as manual tune, auto scan local or auto scan full, "No Station" will be displayed on the LCD.

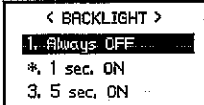
DAB Mode

⑤ Contrast



- Using UP/DOWN [] button, select the Contrast and press the SELECT/MENU [] button shortly once.
- Using UP/DOWN [] button, you can change the Contrast 00 to 20. Choose a step you want and press the SELECT/MENU [] button to complete setting.

⑥ Backlight



- Using UP/DOWN [] button, select the Backlight and press the SELECT/MENU [] button shortly once.
- Using UP/DOWN [] button, you can change the backlight time period.

Choose one item you want and press the SELECT/MENU [] button to complete setting.

Always OFF: LCD backlight is always off.

1 sec. ON: LCD backlight is turned on for 1 second only.

5 sec. ON: LCD backlight is turned on for 5 seconds only.

Always ON: LCD backlight is always on.

Press and hold the SELECT/MENU [] button to exit from the DAB Menu mode.

Notes

Select Go up to move up to the upper menu.


Constant use of the backlight will shorten the battery life.

- ⑦ **Exit** : Exits from the DAB Menu mode and returns to the DAB mode.

FM Mode

● FM Tuning


< Auto Preset Mode >

While listening to the FM, press and hold PRESET[] button to move to Auto Preset Mode. In the Auto Preset Mode, you can automatically store stations which can be searched in all FM band (87.5~108MHz).


The station are stored as preset 1 to 10 automatically.




< Manual Preset Mode >

Manual Preset Mode is used for changing the frequency of the currently saved preset. Press and hold the PREV/NEXT[] button to exit from Auto Preset Mode and adjust the frequency manually.

The Preset icon blinks to indicate the frequency is being adjusted.

Once the desired frequency has adjusted to preset, press the PRESET[] button to store the new frequency in the current preset. The Preset icon stops blinking when the setting is completed.




● Station Selecting

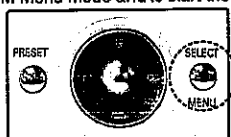
Use the PREV/NEXT[] button to listen to the saved station in the Preset after setting the Preset in the FM Tuning Mode. The Preset Number in the first line of the LCD shows you the location of the current service.

FM Mode

● FM Menu

Press and hold the SELECT/MENU[] button in the normal operation status to enter the FM Menu mode.

Using UP/DOWN[] button, select the Menu you want and then press the SELECT/MENU[] button. Press and hold the SELECT/MENU[] button in the menu mode to escape from the FM Menu mode and to start the FM reception mode.

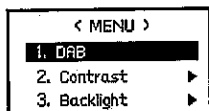




1.DAB ➡ 2.Contrast ➡ 3.Backlight ➡ 4.System
➡ 5.Option ➡ 6.Exit menu

Notes

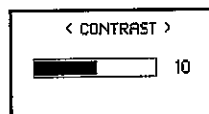
Exits from the FM Menu mode when no pressing buttons approx. 14 seconds or more.





① DAB



- Using UP/DOWN[] button, select the DAB and press the SELECT/MENU[] button to enter the DAB mode.

② Contrast



- Using UP/DOWN[] button, select the Contrast and press the SELECT/MENU[] button shortly once. Using UP/DOWN[] button, you can change the Contrast 00 to 20. Choose a step you want and press the SELECT/MENU[] button to complete setting.

FM Mode

③ Backlight



- Using UP/DOWN[] button, select the Backlight and press the SELECT/MENU[] button shortly once. Using UP/DOWN[] button, you can change the backlight time period. Choose one item you want and press the SELECT/MENU[] button to complete setting.

Always OFF: LCD backlight is always off.

1 sec. ON: LCD backlight is turned on for 1 second only.

5 sec. ON: LCD backlight is turned on for 5 seconds only.

Always ON: LCD backlight is always on.

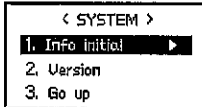
Press and hold the SELECT/MENU[] button to exit from the Menu.

Notes

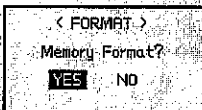
Select Go up to move up to the upper menu.

Constant use of the backlight will shorten the battery life.

④ System



- Using UP/DOWN[] button, select the System and press the SELECT/MENU[] button shortly once to view the version information and initialize FM preset information.



< Info Initial >

Using the UP/DOWN[] button, select the YES and then Press the SELECT/MENU[] button.

All FM Preset information become initialized and the power turns off.



< Version >

Current version number is displayed.

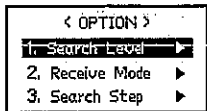
Press the SELECT/MENU[] button to return to the FM Menu mode.



Notes

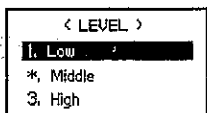
Select Go up to move up to the upper menu.

FM Mode


⑤ Option

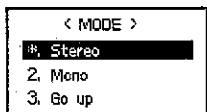


Using UP/DOWN[] button, select the Option and press the MENU[] button shortly once.




< Search level >

Using UP/DOWN[] button, adjust the level searching the FM station during an automatic search.
Set to "High" if you wish to search for strong signal station only.




< Receive mode >

Using UP/DOWN[] button, change the FM station you are listening into the stereo or mono.
Mono station can not be changed to stereo.



< Step >

Using the UP/DOWN[] button, you can adjust the step of frequency moving up/down at the time of frequency tuning.

Notes

Select Go up to move up to the upper menu.

⑥ Exit menu : Exits from the FM Menu mode and returns to the FM mode.

Frequently asked Questions

- Please check the following points if the player fails to run

Unable to turn on.	Check the polarity of batteries.
No sound heard from the earphone.	Check the volume setting and the power turned on.
Some frequencies have a lot of noise.	Check an earphone plugged properly and you are in an audible area. Using PREV/NEXT button, set the others frequency.
DAB service is unable to tuning in the DAB mode	In case the signal from a broadcasting radio station is weak or there is not an audible area of the broadcasting, the quality of the sound may be not good.
DLS information is wrong.	This product show you the information received from a broadcasting radio station.
Turn off the backlight.	Check the backlight setting in the DAB Menu mode.
I want to know an audible area of the DAB.	Enter to www.worlddab.org > DAB worldwide > Country Status and select an appropriate nation. Then you can see the audible area and the information of the DAB.
Can I use the other earphone?	The supplied earphone acts as both earphones and as a DAB/FM antenna. Connecting earphones other than those supplied may cause a lot of static or no signal.
The buttons are not worked.	Check the "HOLD" switch is not in the position. Release the hold mode.
Because of the dim LCD, cannot see.	Check the LCD contrast setting in the Menu mode.
Display has gone blank or says "Station not available".	This may occur if a broadcaster changes the label of a station or remove a service station whilst you are listening to it.

Specifications

Item	Specification
Model Name	RP-DAB100
Battery Lifetime(alkaline)	DAB mode: 8 hours, FM mode: 23 hours
Earphone	Stereo earphone with integrated antenna.
FM Frequency Range	Band III (174~240MHz) FM (87.5~108MHz)
LCD	Blue backlight graphic LCD display (FM mode - 2 line by 16 character LCD) (DAB mode - 3 line by 16 character LCD)
Earphone Output	3.5mm stereo mini type
Power Supply	2x AA
Dimensions	62 x 81x 20 mm (W x H x D)
Weight	62g (excluding battery)
Accessories	Instruction Manual, Earphone





Memo

GUARANTEE TO CUSTOMER

Sanyo Europe Ltd. (the Company) guarantees to the initial retail purchaser that if this equipment is or becomes defective and that, in the opinion of the Company, the defect is due to faulty material or workmanship the Company will, for a period of 12 calendar months from the date of sale to the original purchaser repair or replace, at its sole option, free of charge, any such defective component part of the equipment, always provided that: -

1. The equipment has at all times been used in accordance with the operating instructions issued by the Company, and has not been connected to an electrical mains supply for which it has not been adjusted.
2. Accidental damage, or damage caused by negligence or misuse by the user, including leakage from exhausted batteries, is specifically excluded.
3. Unauthorised repairs, or any modification to the equipment which has not been expressly approved by the Company, shall render this guarantee null and void.
4. Failure due to fair wear and tear of any item, such as batteries, record playing styli, and tape recording, playback and erase heads is specifically excluded.

This guarantee is not transferable and is only applicable within the United Kingdom (and the Republic of Ireland). Nothing in this express guarantee affects the statutory rights available to the purchaser of this equipment. Note: This guarantee supersedes any other form of guarantee that may inadvertently have been enclosed with or attached to the product. (August 1978).

Dear Customer

Thank you for buying Sanyo. This equipment should give you many years of pleasure and faithful service but in the event that a fault occurs, the following notes for your guidance may be helpful:-

1. PLEASE RETAIN YOUR PURCHASE RECEIPT WHICH WILL BE REQUIRED FOR SERVICE DURING GUARANTEE.
2. If your Sanyo equipment proves faulty during the period of guarantee, take it or send it back to the dealer who originally supplied it together with this guarantee and the proof of purchase. We have made arrangements with our approved dealers under which they will carry out in-guarantee service repairs on our behalf. In this way, we hope to reduce to a minimum the amount of time you will be without your equipment.
3. If for some reason it is impossible to return the equipment to the original supplier, please contact our Consumer Relations Department at the address below for further advice.
4. Should the equipment require servicing after the expiry of the guarantee period, take or send it to the original supplier or any other Sanyo dealer. He will be pleased to give you a quotation for the repair. If you are in any doubt about what to do, write to us at the address below or telephone:

**Consumer Relations Department,
Sanyo Europe Ltd.,
Sanyo House
Otterspool Way, Watford,
Hertfordshire WD2 8JX
Tel: Watford 246363**

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