SANYO

INSTRUCTION MANUAL

40-MINUTE
DIGITAL ANSWERING SYSTEM
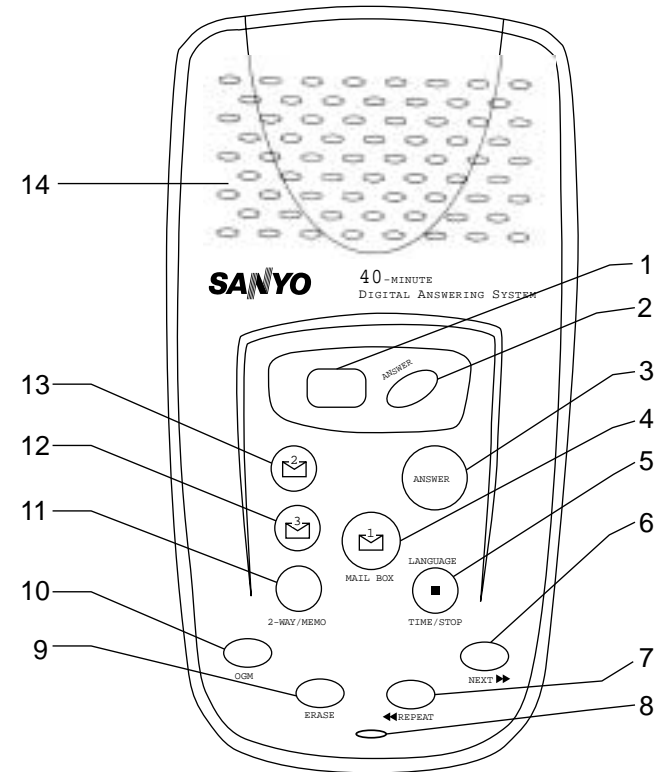
Model DAS-204
Digital Answering System with 3 Mailboxes

Please read this operation manual before using your new digital answering system and keep it for further reference

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LOCATION AND FUNCTION OF CONTROLS

1. **LED Display:** Shows the answering systems current status.

    ■ **A1** or **A2** flashes four times in the display to indicate that there is no **OGM** (outgoing message) recorded.

    ■ **CL** flashes once on the display to indicate that the clock is not set.

    ■ A number displayed before playing your messages indicates the total number of messages currently in the DAS-204 memory.

    ■ A number displayed while playing your messages indicates the sequential number of the message currently being played.

2. **ANSWER LED Indicator:** Lights up when the DAS-204 is ready to answer calls.

3. **ANSWER Key:** Used to set the Answer Mode On or Off.

1

4. ✉1 **(Mailbox 1)/PAUSE Key**: Used to play messages recorded in mailbox 1. Press **2WAY/MEMO** and this key for memo recording and playing messages. Press to pause message playback.

5. **TIME/STOP/LANGUAGE⊙ Key:** Stops current operation. Also allows you to set the time and day. Press for 6 seconds to change the language from English (En) to French(Fr). The factory pre-set is English.

6. **NEXT ✳ Key:** Press to change time and date indication forward or to select a higher digit when setting security code. You can also proceed to the next message.

7. **REPT ✳ Key:** Press to change time and date backward or to select a lower digit when setting security code. You can also go back to the previous message.

8. **Microphone:** Used to record outgoing messages and memos.

9. **ERASE Key:** Can be used to erase a single message or all messages in memory.

10. **OGM Key:** The DAS-204 allows you to record two outgoing messages.**OGM1** is a conventional message, and **OGM2** is an "answer only" message. The unti will automatically switch to the **OGM2** message if your memory is full, and the system is unable to take a message.

11. **2WAY/MEMO Key:** Allows you to leave messages for other family members when you leave the house. Also allows you to record both sides of a conversation you are having on the telephone.

12. ✉**3 (Mailbox 3) Key:** Used to play messages recorded in mailbox 3. Press **2WAY/MEMO** and this key for memo recording.

13. ✉**2 (Mailbox 2) Key:** Used to play messages recorded in mailbox 2. Press **2WAY/MEMO** and this key for memo recording.

14. **Speaker**

15. **Modular Line Jack (LINE):** Used to connect the machine to your household phone jack.

16. **Modular Phone Jack (TEL):** Used to connect the machine to your telephone.
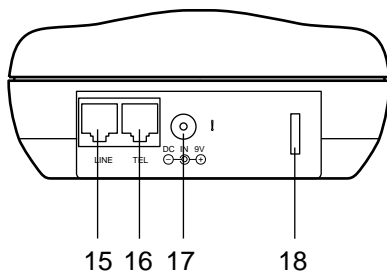
17. **Adapter receptacle (DC IN 9-V):** Used to connect the DAS-204 to the supplied AC power adapter.

18. **Adapter Cord Holder:** Prevents the AC adapter cord from falling out.

19. **Volume Control:** Slide to adjust the speaker volume.

20. **Battery Cover:** Houses one 9-V battery (not included) for Memory Backup in case of power failure.

15 16 17   18

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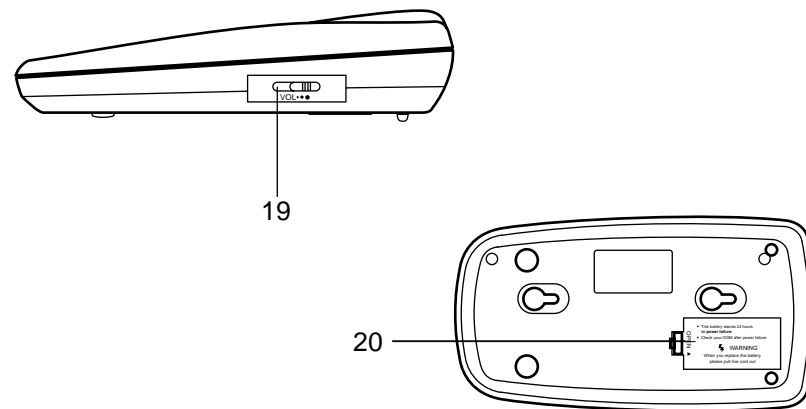
IMPORTANT SAFETY INSTRUCTIONS

When using your answering system, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bathtub, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

2. Use only the batteries indicated in the manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

Save these instructions

INSTALLATION

1. The DAS-204 includes a modular telephone line cord with a modular plug at each end. Insert one plug into the **LINE** input jack on the unit, and the other end into your household telephone jack (Figure 1). You may have to unplug your telephone to do this.

2. To use a phone in the same area of the DAS-204, simply plug the telephone into the **TEL** input jack on the machine (Figure 2).

3. Connect the AC Adapter (included-DC 9-V 300mA) to a standard electrical outlet (120V AC) and plug the other end into the DC power input jack on the unit (Figure 3).

Figure 3

Figure 1

Figure 2
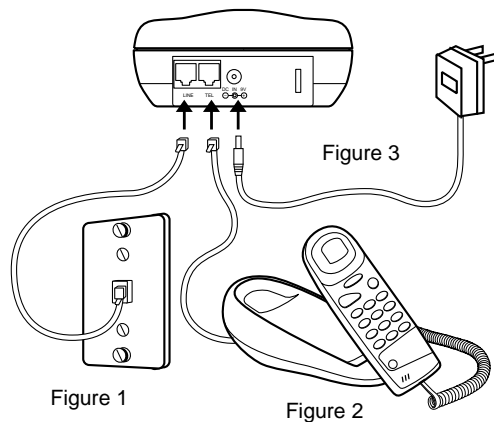
BATTERY INSTALLATION

Your answering machine is equipped with a Battery Backup system. In the event of a power failure, the battery backup will prevent the loss of new saved messages as well as **OGM 1** and **OGM 2**.

Please follow these simple instructions to install a 9-volt battery (not included).

Remove the battery cover screw

Remove the battery cover

Connect a 9-V battery

Replace the battery cover and replace the screw

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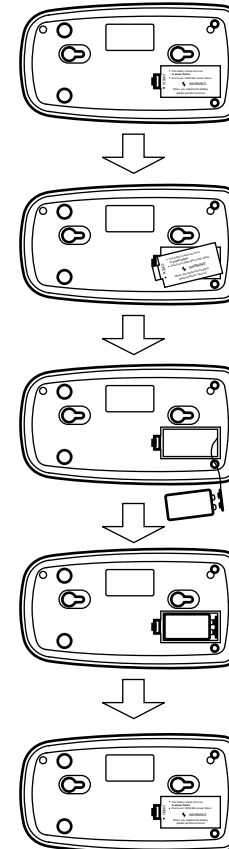
BEFORE OPERATION

After plugging in the AC adapter, the unit will automatically turn on, and the LED display will show the numbers 0–8. A long beep will sound after about 8 seconds. The LED display will then indicate the following:

(1) **A1** or **A2** flashes four times indicating that there is no outgoing message (greeting) recorded.

(2) **CL** flashes once indicating that the time and date have not been set.

(3) **0** flashes indicating there are no incoming messages in the memory.

(4) **Lo** flashes indicating the battery low or not installed.

(5) If **ER** flashes once, the DAS-204 needs to be reset.
Disconnect the unit from power, and then re-connect it.

OPERATING INSTRUCTIONS

A. Setting the language:
Press **TIME/STOP/LANGUAGE**⦿ key for 6 seconds to change the language from English (En) to French (Fr) or vice versa. The factory pre-set is English.

B. Setting the clock
When **CL** flashes in the LED display, the clock needs to be set:

1. Press **TIME/STOP/LANGUAGE**⦿ key for 2 seconds and release when the weekday is announced.
2. Press **NEXT** ✲ or **REPT**✲ key to select the correct weekday.
3. Press **TIME/STOP/LANGUAGE**⦿ key again to set.
4. Repeat procedure 2 – 3 to set hours.
5. Repeat procedure 2 – 3 to set minutes.
6. After the minutes are set, the time will be announced.

NOTE: If no key is pressed within 8 seconds, the DAS-204 will return to normal mode.
For example: if you wish to set to Friday 10:30 pm

a. Press **TIME/STOP/LANGUAGE**⦿ key 2 sec.⟶ Press **NEXT** ✲ or **REPT**✲ key to select Friday⟶ Press **TIME/STOP/LANGUAGE**⦿ key to confirm and save the Day
b. Press **NEXT** ✲ or **REPT** ✲ key to select 10 pm⟶ Press **TIME/STOP/LANGUAGE**⦿ key to confirm and save the Hour
c. Press **NEXT** ✲ or **REPT** ✲ key to select the 30⟶ Press **TIME/STOP/LANGUAGE**⦿ key to confirm and save the Minute

C. Playing the current time
Press the **TIME/STOP/LANGUAGE**⦿ key for 1 second. The current time will be announced.

D. Recording an outgoing message (OGM)
The DAS-204 can program two outgoing messages.
A1: Conventional message requesting the caller to leave a message.
A2: Answer only message for not accepting messages.

This unit also provides 3 different mailboxes, each of which you can assign for a different member of the family.

Tips for recording outgoing messages:
A1: Be sure to identify the owner of each mailbox.
     Example: Press   Zero for "Edward"
                        One for "Jean"
                        Two for "Children"
A2: Remember the caller cannot leave a message. Use for extended absence or informational greetings.This message will automatically be played to callers if the memory is full.

1. The Outgoing messages (OGM A1/A2) can be a maximum of 120 seconds (2 minutes) in length.
2. The maximum time available for recording incoming messages (ICM) is 40 minutes total. Each incoming message has a maximum record time of 120 seconds (2 Minutes per message). During an incoming call the caller will receive a "beep" tone after 115 seconds to indicate that they have 5 seconds left to complete their message. After 120 seconds the answering machine will disconnect the line and hang-up even if the caller is still talking. Therefore, it is recommended that in your outgoing (OGM A1/A2) greeting message that you tell the caller that they have 120 seconds (2 minutes) in which to complete their message.

Complete the following steps to record your messages:
1. Press the **ANSWER** key and hold for approximately 2 seconds and release. The display will indicate **A1** or **A2.** If the other **OGM** is preferred, press **TIME/STOP/LANGUAGE**◉, then **ANSWER** for approximatey 2 seconds.
2. Once the desired outgoing message is selected, press **OGM** for approximately 2 seconds. **A1** or **A2** is displayed followed by a long beep.
3. Speak in a clear voice directly into the microphone located at the bottom center area of the DAS-204. The LED display shows time count down in seconds.
4. When you have completed your recording, press **TIME/STOP/ LANGUAGE**◉, and your message will playback.
5. If you are satisfied with your recording, press **TIME/STOP/LANGUAGE**◉ If you are not, press **OGM** for 2 seconds and repeat this process.

E. Playing outgoing messages (OGM)
Press the **OGM** key. The answering system will play the recorded message (**OGM1** or **OGM2**) according to the existing mode of the DAS-204 and return to normal mode after the message is played.

F. Recording a memo
The Memo function allows you to leave a message for another member of your business or household. Complete the following steps to record your Memo message:
1. Press the **2WAY/MEMO** key and hold it for 2 seconds. All mailbox keys will flash.
2. Press the desired mailbox key. Memo will start recording after a long beep. The corresponding mailbox key lights.
3. Stop recording by pressing **TIME/STOP/LANGUAGE**◉ key. The unit stops automatically after 1 minute.

G. Recording a 2-way conversation
The 2-Way Record function allows you to record conversations you have on the telephone. Complete the following steps to use the 2-way record function. The maximum 2-way recording time is 15 minutes per call.
1. Press the **2WAY/MEMO** key for 4 seconds. until oo flashes in the LED Release the key, all mailbox LEDs will flash.
2. Press the desired mailbox key. 2-way recording will begin. The corresponding mailbox LED will light.
3. A beep will be heard after 15 seconds to remind users they are using 2-way recording.
4. Recording is ended by pressing the **TIME/STOP/LANGUAGE**◉ key.

H. Playing memos and 2-Way conversations
To play memos, press the flashing **MAILBOX** key. Memos (and messages) will be played sequentially from the mailbox.

I. Selecting outgoing message to be played to callers
A1: Conventional message requesting the caller to leave a message.
A2: Answer-only message for not accepting messages.
Press the **ANSWER** button and hold for 2 seconds until **A1** or **A2** appears in the display. If the other **OGM** is preferred, press **TIME/STOP/ LANGUAGE**◉, then **ANSWER** for 2 seconds. Once the desired **OGM** is selected, the DAS-204 will play your message to callers.

J. Ring and toll saver (settings cannot be changed by user)
The DAS-204 will normally answer an incoming call after the second ring. However, if there are no new messages on the system, the unit will not answer until after the fourth ring. This feature allows you to call your answering system and determine, without a toll, if there are any new messages. (ie. If the phone rings three times, you have not received any new messages.). Press the **ANSWER** key for 6 seconds to set the toll saver on or off. With the Saver on, the LED will display "tS", and with Saver off the LED will display "r4".

K. Recording incoming calls (ICM)
When a call is received in **Answer-Record** (**A1**) mode, the unit will play **OGM1**, then start recording. The procedure for recording and **MAILBOX** selection is as follows:
1. The DAS-204 answers the call and then plays **OGM1**. For a caller to leave a message in a particular mailbox, the caller is requested to press "**0**" for **mailbox 1**, "**1**" for **mailbox 2**, "**2**" for **mailbox 3**. If one of the keys (**0, 1** or **2**) is pressed during the **OGM** play, or within 5 seconds from the start of the **ICM** recording, the unit selects the corresponding mailbox. The default mailbox is **mailbox 1**.
2. A long beep will sound, then **ICM** recording starts.

3. The **ICM** recording stops if any of the following events occurs: 8 seconds of silence, continuous busy tone, CPC detected, record time exceeds 2 minutes, extension phone is picked up, or **TIME/STOP/LANGUAGE**◉ key is pressed.

4. A long beep will sound indicating that **ICM** recording is finished.

L. Playing callers' messages

The LED display will indicate total number of messages and memos, new and saved on the DAS-204.

1. To play only new, unheard messages:

   Press flashing ✉**1**, ✉**2**, or ✉**3** key for 2 seconds and release. The new messages will be played in order of receipt.

2. To play all messages:

   Press the desired mailbox key. A message count will be played, then messages will be played back in order of receipt, followed by time/day voice stamp.
   If the mailbox doesn't have any messages, the unit will play "no message"

3. To pause playback:

   Press ✉**1** key to pause message playback. If a pause exceeds 8 seconds, message play will be aborted.

4. To continue message from pause status:

   Press ✉**1** key. Message play resumes.

5. To skip message:

   Press **NEXT** ✳ key once to skip a message. Next message is played.

6. To repeat message:

   Press **REPT** ✳ key once to replay the current message.
   Press the key twice to play the previous message.

7. To erase single message:

   Press **ERASE** key to delete current message.

8. To stop message play:

   Press **TIME/STOP/LANGUAGE**◉ key to stop playing all messages.

M. Erasing messages

1. To erase a single message from a mailbox
   During a message play, press the **ERASE** key to delete this message and move to the next message.

2. To erase all messages from a mailbox

   a. Press **ERASE** key for 2 seconds. then release. The mailbox buttons that have messages in them will flash.

   b. Press the desired mailbox key. All existing messages will be erased from that mailbox after a long beep. If no messages exist, two beeps will sound.

N. Call breakthrough (CBT)

The DAS-204 is equipped to alert you to an urgent call. With **CBT**, incoming callers who know your **CBT** code will have the ability to bypass the Outgoing message and cause the DAS-204 to sound a short alarm. This is designed to alert you of an urgent call. The **CBT** code has a factory default of **269**. This code can be changed to any number between 000 and 999. To change your **CBT** code:

1. Press and hold the **REPT** ✳ key for 2 seconds until **Cc** appears in the display followed by the current **CBT** code. The display will show the first digit of the **CBT** code. Use the **NEXT** ✳ or **REPT** ✳ key to change the number. Once you have arrived at the desired number, press the **ANSWER** key to confirm your selection.

2. Repeat the process for the second and third digits.

3. If no key is pressed within 8 seconds, the setup procedure will be aborted.

4. When complete, press the **TIME/STOP/LANGUAGE**◉ key.

O. Call breakthrough operation

To alert someone in the area that the DAS-204 is being used, follow these steps.

1. Call the DAS-204.

2. When the unit answers, press ***** to skip the **OGM**.

3. When the **OGM** stops, enter the **CBT Code** (factory default **269**)

4. A two-beep alarm tone sounds on the DAS-204 indicating an urgent call. The user can then simply pick up the phone to end the tone and take the call.

5. The **CBT** tone ends after 45 seconds. At this time the unit switches to **ANSWER/RECORD** mode, and the caller can leave a message.

6. In **ANSWER ONLY** mode, the call is terminated after 45 seconds.

7. If, during your call, you wish to terminate the **CBT** function, press the **#** key. If you wish to reactivate **CBT**, press the **6** key.

P. Call screen

The DAS-204 can be used to screen the caller. Simply set the unit to Answer mode. When an incoming call comes, adjust the volume control so that you can hear the incoming caller leaving their message. If you wish to speak to the caller, simply pick up the receiver. The unit will automatically stop recording.

Q. Remote control operation

The DAS-204 allows you to perform many of its functions from a remote telephone. Follow these simple steps:

1. Call the answering system.

2. When the DAS-204 answers, press * to skip the **OGM**. A long beep will sound.

3. Enter the security code (factory default **159**) to enter the Remote Control Mode.

4. Enter the key combination for the desired function as per the following table:

Key (s)		Function	Key (s)	Function
1		Play OGM1	* 1	Record OGM1
2		Play OGM2	* 2	Record OGM2
3	0	Record a Memo in ✉ 1	* 3	Room monitoring
	1	Record a Memo in ✉ 2	* 4	Change CBT code
	2	Record a Memo in ✉ 3	* 6	Change security code
	4	Repeat	* 8	Set to Answer-Only mode
	5	Play/Pause	* 9	Set to Answer-Record mode
5	0	Play all messages in ✉ 1		
	1	Play all messages in ✉ 2		
	2	Play all messages in ✉ 3		
6		Forward		
	0	Play new messages in ✉ 1		
	1	Play new messages in ✉ 2		
	2	Play new messages in ✉ 3		
7		Erase individual message		
	0	Erase all messages in ✉ 1		
	1	Erase all messages in ✉ 2		
	2	Erase all messages in ✉ 3		
8		Stop		
9		Set to Answering Machine OFF mode		
#		End remote control operation		

R. Remote control security code

The security code is set to a factory default of **159**. This code can be changed to any number between 000 to 999. To change your security code, perform the following steps:

1. Press and hold the **NEXT** ❋ key for approximately 2 seconds until **Sc** appears in the display followed by the current security code. The DAS-204 will then display the first digit of the security code. Use **NEXT** ❋ or **REPT** ❋ to change the number. Once you have arrived at the desired number, press the **ANSWER** key to confirm your selection.

2. Repeat the process for the second and third digits.

3. If no key is pressed within 8 seconds, the setup procedure will be aborted.

4. When complete, press the **TIME/STOP/LANGUAGE**◉ key to conclude the procedure.

LED DISPLAY DESCRIPTION

LED Display	LED Status	Description
0-59	ON	Number of messages recorded
A1/A2	Flashing	OGM1/OGM2 not recorded
A1/A2	ON	OGM1/OGM2 recorded or played
An	ON	ANSWER-RECORD mode
Ao	ON	ANSWER-ONLY mode
On	ON	Answering Machine On
CL	ON/Flashing	Time played/Time setup is needed
—	ON/Flashing	Answering incoming call/CBT mode
Cc	ON	CBT code setup/display
Sc	ON	Remote security code setup/display
Lo	ON	Battery low or absent
Blank	OFF	Enter POWER-DOWN/DOWN mode
Fu	ON	Memory full
PS	ON	Pause
ES	ON	All messages erased
00	ON	Memo message record/play
ER	ON	Memory failure
2R	ON	Two-way recording
≡	ON/Flashing	Display/setup 1st digit of code
=	ON/Flashing	Display/setup 2nd digit of code
–	ON/Flashing	Display/setup 3rd digit of code
En	ON	English version
Fr	ON	French version
tS	ON	toll saver on
r4	ON	toll saver off

TROUBLESHOOTING GUIDE

1	Will not operate	Are the power supply and telephone line cords plugged into the DAS-204 and the appropriate power/telephone jacks of your residence/business?
2	LED indicator lights are off	Is the phone line cord or power supply properly plugged in?
3	Cannot turn on **ANSWER** key	Have you recorded an outgoing message (A1/A2)?
4	Will not record the incoming message	Is Answer Only (A2) on? Is your memory full? The DAS-204 will record up to 40 minutes of messages.
5	Cannot operate remote control	Is your security code correct?
6	Cannot play the current time	Does clock need to be set or reset?
7	Message playback too loud or difficult to hear	Adjust volume control at side of unit to desired level.
8	LED indicates "88" or number of keys will not operate	Unplug unit, remove battery, and plug it back in. This resets the DAS-204.
9	OGM1 and OGM2 are erased	Back-up battery power low or absent. Replace with a fresh battery.

CARE

- Keep the unit dry.
- Handle the unit carefully. Do not drop it.
- Do not use or store the unit in extreme temperature.
- Keep the unit away from dust and dirt.
- Do not modify or tamper with the unit's internal components. Doing so might invalidate the warranty and void your Industry Canada authorization to operate it. If the trouble is effecting telephone service, the phone company might ask you to disconnect the unit until you fix the problem.

THE CANADIAN INDUSTRY STATEMENT

"Notice: To ensure Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. Industry Canada does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connections. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment."

CAUTION: "Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate."

"Notice: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5."

The REN assigned to this device is 0.4.

SANYO COMFORT WARRANTY

WARRANTY APPLICATION
New, unused Sanyo Communications products purchased in Canada through a Sanyo Authorized
Dealer are warranted against manufacturing defects in materials and workmanship for **ONE YEAR**
covering parts and labour, from the date of purchase by the original retail purchaser. This warranty
only applies in favour of the original retail purchaser of the warranted product.

SANYO CANADA INC.'S RESPONSIBILITY
During the warranty period, SANYO Canada Inc. will repair, or at our option, replace a
Communications product which shows evidence of a manufacturing defect in materials or
workmanship. Replacement PARTS are warranted for the remaining portion of the
warranty period.

WHAT IS NOT COVERED
(a)   Communications products purchased outside Canada.
(b)   Communications products purchased in a used condition
(c)   Problems due to product set-up and installation.
(d)   Adjustments that are outlined in the Operating Manual
(e)   Accessory items including antenna, and batteries.
(f)   Damage in or due to transportation.
(g)   Damage due to improper maintenance, accident, abuse, misuse or negligence.
(h)   Damage caused by lightning and power surges.

ORIGINAL RETAIL PURCHASER'S RESPONSIBILITY
You, the original retail purchaser, must present your original, dated bill-of-sale together with this
warranty to SANYO Canada Inc. or to an authorized Sanyo Service Depot when you make a claim
under this warranty

You, the original retail purchaser, are responsible for any costs of TRANSPORTING the product to
and from SANYO Canada Inc. or an authorized Sanyo Service Depot. You also are
responsible for the cost of any MAINTENANCE necessary in respect of the product.

WARRANTY BECOMES VOID
This warranty becomes void if the product's serial numbers are altered or removed or if any repair
to the product is made other than by SANYO Canada Inc. or by an authorized Sanyo Service
Depot.

LIMITATIONS
(a).   SANYO Canada Inc. reserves the right to change or improve the design of the model of the
         product warranted hereunder without incurring any obligation to make any
         modifications to or to install any improvement in or on the product.
(b).   In no event shall SANYO Canada Inc. or any of its Authorized Dealers be liable for special
         or consequential damage arising from the use of this product.

STATUTORY WARRANTIES
The above provisions do not preclude the operation of any applicable provincial statute which in
certain circumstances may not allow some of the limitations and exclusions described in this
Warranty. Where any terms of this Warranty are prohibited by such a statute, they shall be deemed
null and void but the remainder of this warranty shall remain in effect.

HOW TO OBTAIN WARRANTY SERVICE
Please contact the Sanyo Authorized Dealer from whom the product was purchased, or contact us
directly at:

SANYO Canada Inc.
1-300 Applewood Cres., Concord, Ont. L4K 5C7
(905) 760-9944, 1-800-263-2244

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