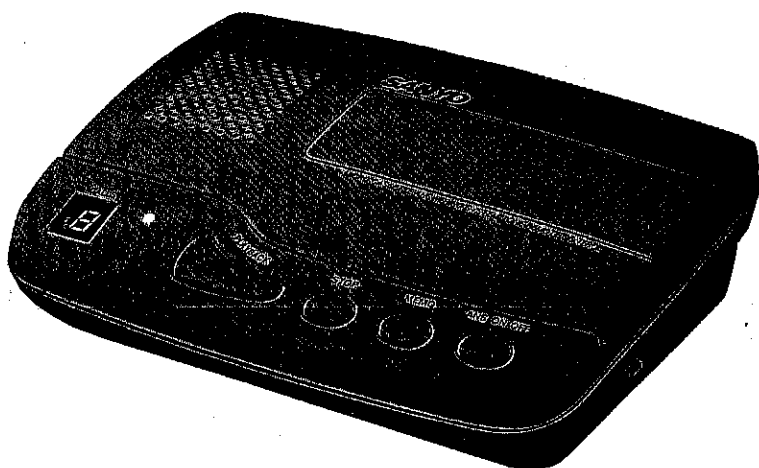


USER
MANUAL

SANYO

TAS-230

Answering Machine

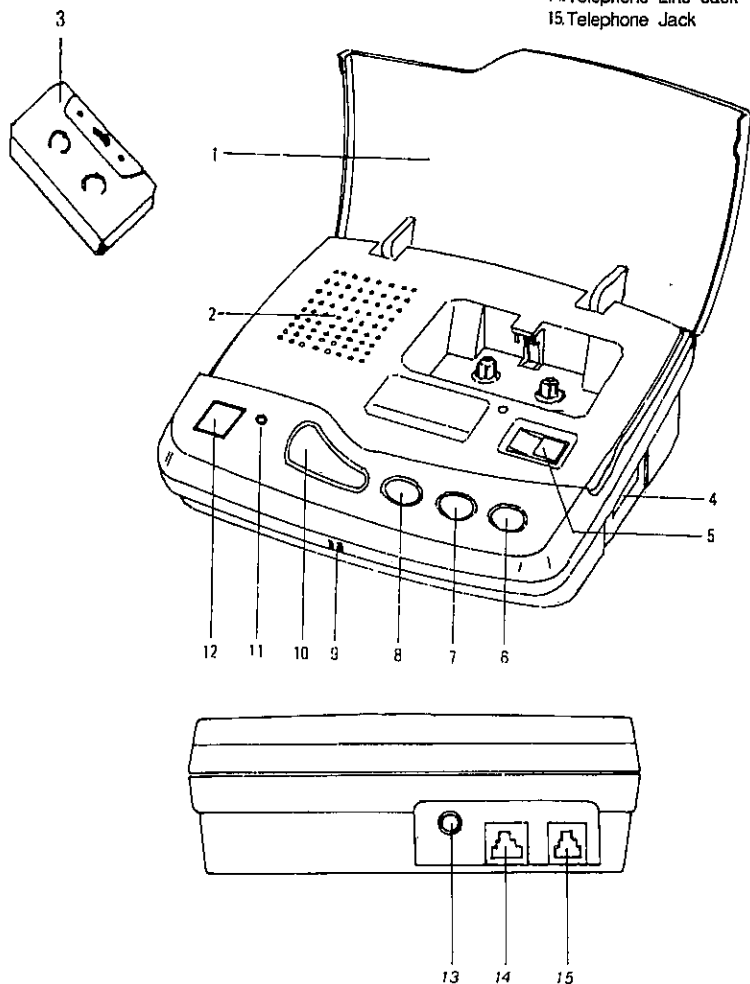


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Controls

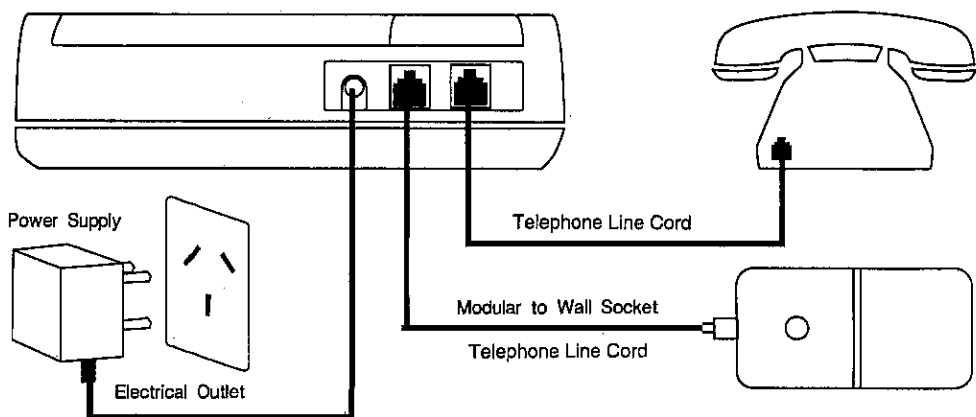
1. Cassette Lid
2. Speaker
3. Microcassette
4. Volume Control
5. OUTGOING MESSAGE (OGM) Button
6. Answer On/Off, Button
7. Memo/Fast Forward Button
8. Stop Button
9. Microphone
10. Playback/Rewind Button
11. LED Indicator
12. Message Counter
13. Power Jack
14. Telephone Line Jack
15. Telephone Jack



Installation

1. Place the unit on a hard surface near your phone socket and a 240 volt power outlet.
2. Connect the telephone.
3. Connect telephone line to the wall socket.

4. Place the microcassette tape into the cassette compartment, with the empty reel of the cassette tape on the left.
5. Connect AC Adaptor to the AC power.



Caution: This unit is to be used only with the SANYO AC Adaptor approval No. V95252.

NOTE

Be sure to put the microcassette tape inside the cassette compartment before connecting the AC adaptor otherwise the unit will operate.

Answering Machine Operation

Recording and Checking Outgoing Message (OGM)

1. Press and hold the OGM button until you hear a BEEP. LED indicator will light (See Fig. 1)
2. Begin speaking as Microcassette starts to wind forward. The OGM can be up to 1 minute long.
3. Press STOP button once to end recording. Your unit will automatically playback your OGM once.
4. To check your OGM, press and release the OGM button.

To Set To Auto Answer

1. Press ANSWER ON/OFF Button once, LED indicator will light (see Fig. 1)

Note: If no outgoing message (OGM) has been recorded, LED indicator will blink and the machine will emit 2 BEEPS when any key is pressed.

2. Your unit is now ready to answer phone calls.

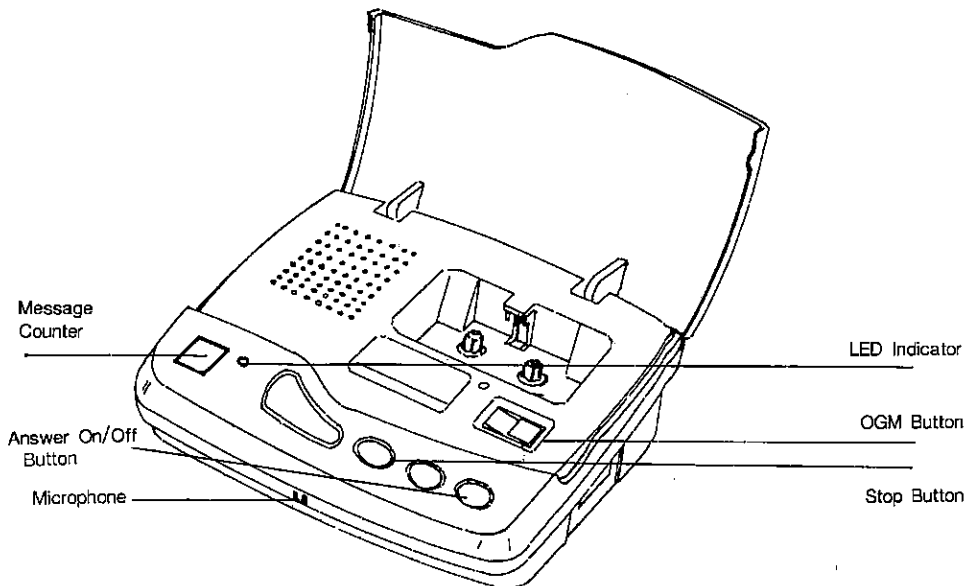
Note: Each incoming message (ICM) can be up to 1 minute. The Message Counter will display the number of ICM recorded up to a maximum of 9 though there may be more than nine(9) messages recorded.

3. To set to ANSWER OFF mode, press ANSWER ON /OFF button again. LED indicator will turn off to confirm that your unit is now at ANSWER OFF mode.

Playing The Incoming Message

1. Press and release the PLAYBACK button (see Fig. 2).
2. Adjust VOLUME CONTROL for comfortable listening level.
3. At the end of each message, a BEEP will sound.
4. After the last message has been played, your unit will sound two BEEPS and will automatically rewind the microcassette tape to the beginning. All old messages will be automatically erased when new

Fig. 1



messages are recorded unless they have been SAVED (see 'SAVING INCOMING MESSAGES AFTER PLAYBACK').

Fast Forward, Rewind And Stop During Playback

1. Press and hold PLAYBACK button to rewind. Release the button to resume playback (see Fig. 2).
2. Press and hold MEMO button to fast forward. Release the button to resume playback.
3. Press STOP button to pause. Press PLAYBACK button again within 8 seconds after pause to continue playback message.

Note: If the pause exceeds 8 seconds, the unit will automatically save all the messages and reset to receive new messages.

Saving Incoming Messages After Playback

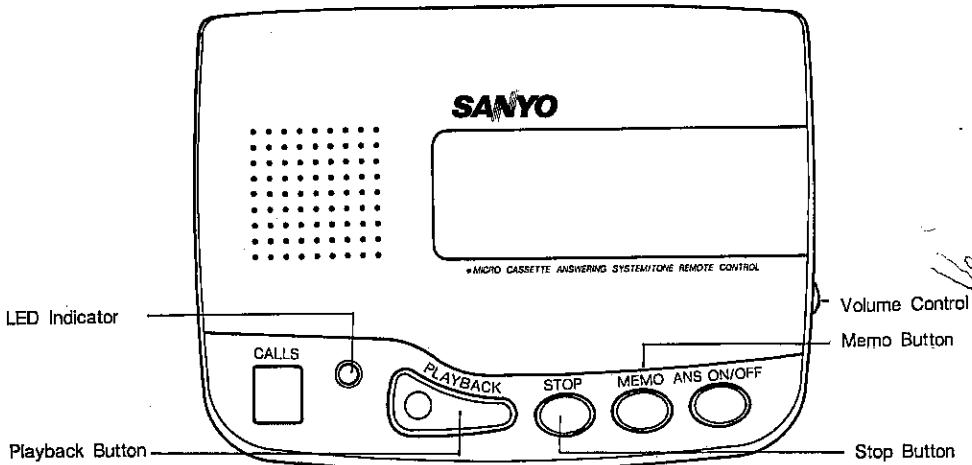
1. On hearing 2 BEEPS after the last message has been played, press and hold STOP button until 2 BEEPS are heard (see Fig. 2)
2. All messages will now be saved and LED indicator will blink.

If you fail to save the messages within 8 seconds after the last message, the unit will automatically rewind to the beginning and the old messages will be erased by new incoming messages. However, if there has been no incoming call during that period, you still can save the old messages.

Memo Recording

1. Press and release the MEMO button. You will hear a BEEP. The LED indicator will light (see Fig.3)
2. Begin dictating your memo.

Fig. 2



3. Press the STOP button to end recording. LED indicator will blink.
4. To check memo, press and release PLAYBACK button.
5. Adjust VOLUME CONTROL for comfortable listening level.
6. After your memo has played, your unit will sound 2 BEEPS and will automatically rewind the micro-cassette tape. BE SURE TO SAVE YOUR MEMO. On hearing 2 BEEPS again press and hold STOP button until 2 more BEEPS are heard.

- A Memo is counted as a message by the Message Counter and will be played along with all incoming Messages recorded.
- Memo Recording has no time limit but you should consider recording time left for incoming Messages.

Power Failure Protection Of Recorded Messages

Even if there is a power disruption, all ICM, MEMO & OGM messages will not be erased until the messages have been retrieved/played back.

Note: The CBT & security code will revert to factory preset code, under power, and failure condition.

Call Monitoring

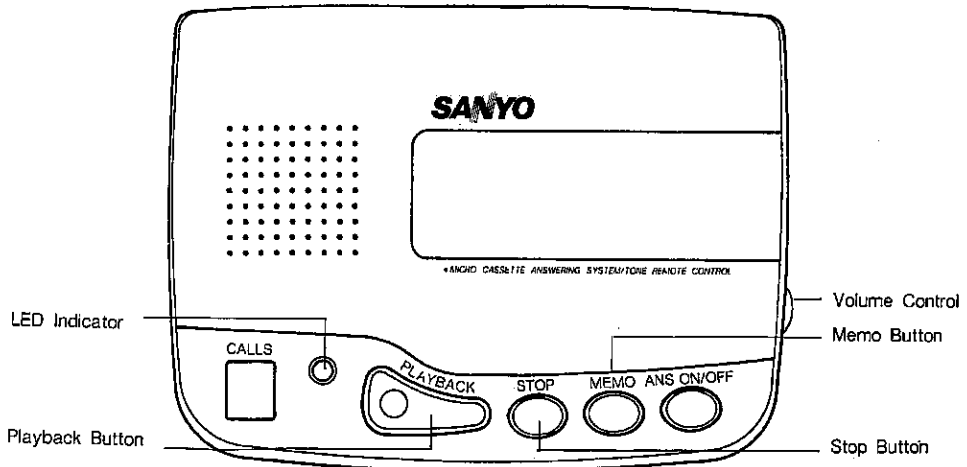
When you are at home, you can use your unit to monitor incoming calls.

1. Set your unit to AUTO-ANSWER mode.
 2. Set VOLUME CONTROL to desired level.
 3. You will here any caller through the speaker.
- If you wish to speak with the caller, press the STOP button and pick up your handset.

Auto Disconnect

If your unit is switched on and you receive a call, you can take the call on an extensive telephone by picking up the handset and pushing the STAR (*) KEY. This will disconnect the unit and allow you to continue your telephone conversation.

Fig. 3



Remote Control

IMPORTANT: Always call from a true touch tone telephone for remote operation of your unit.

To operate your unit by remote control you have to first gain access to your unit by using a Security Code. This unit is factory preset with code 689. However, this security code is changeable to a maximum of 5 digits and a minimum of 1 digit.

To Change Security Code By Remote Control

1. Dial the telephone number of your unit.
2. Enter Security Code on hearing 'OGM'.
3. On hearing a BEEP, press '#' and '1'.
4. On hearing a BEEP again, enter new Security Code which can be of one to five digits.
5. Press '#'. Your unit will emit a BEEP to confirm the new Security Code.

■ In the event you have forgotten your new Security Code, switch off the supply and switch on again after 10 seconds. The machine will automatically revert to Security Code 689.

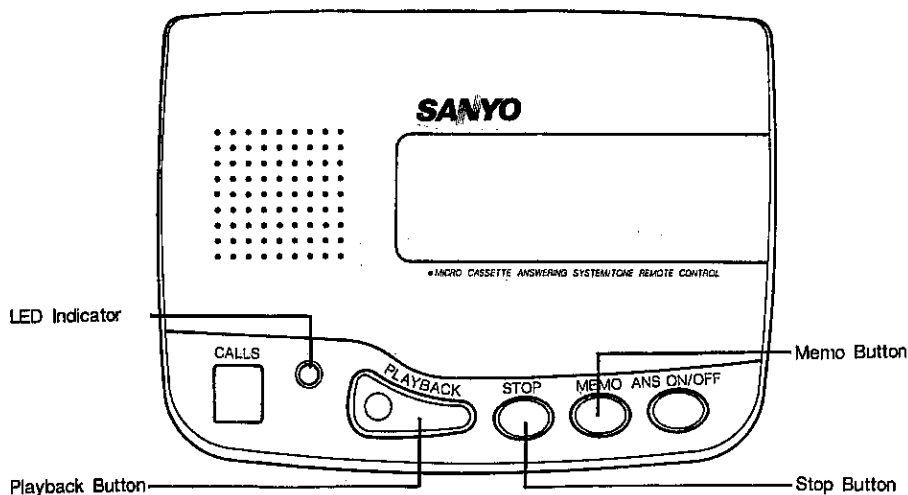
■ Do not use the same number for both Security and CBT Code.

To Switch On Machine To Auto-Answer Mode By Remote Control

1. Dial the telephone number of your unit.
2. After 12-14 rings, you will hear 4 BEEPS followed by a single BEEP.
3. Press telephone number of your Security Code.
4. Outgoing Message will play to confirm AUTO-ANSWER is on.

To Switch Off Answer Mode By Remote Control

Fig. 4



1. After listening to all Incoming Messages and on hearing 2 BEEPS, press '5'.
2. Hang up.

Toll Saver

Your unit will answer after 2 rings if you have messages and 4 rings if there is no message.

HINT: Hang up after the third ring to save time and phone charges.

Remote Message and Memo Playback

1. Dial the telephone number of your unit.
2. Enter Security Code on Hearing 'OGM'.
3. On hearing a BEEP, press '1'. The microcassette will rewind and play any messages.
4. During Playback:
 - a: Press '7' to fast forward the tape Press '8' to resume normal play.
 - b: Press '9' to rewind the tape. Press '8' to resume normal play.
 - c: Press '8' once to stop. Press '1' within 8 seconds after pause to replay from the beginning.
5. Hang up your telephone on hearing 2 BEEPS at the end of the last message. Your machine will then automatically reset to receive new messages. Old messages will be erased by new ones unless they are saved.

To Save Messages After Playback

1. Press '4' within 9 seconds after hearing 2 BEEPS at the end of the last messages.
2. Hang up the phone.

To Erase Message

If after saving old messages, you change your mind and want to ERASE them, before you hang up press the '6' key. The tape will rewind to start, and your old messages will be erased as new messages are recorded.

To Change OGM (Outgoing Message) By Remote Control

Because your machine features variable length (VOX) on both incoming (ICM) and outgoing (OGM) messages you must be certain there are no ICM before you can change your OGM.

1. Dial the telephone number of your unit.
2. If your machine answers in 2 rings follow steps in 'REMOTE MESSAGE AND MEMO PLAYBACK' to

listen to your ICM.

3. Call your machine again and it will answer in 4 rings (no ICM).
4. On hearing OGM, enter Security Code.
5. On hearing a BEEP, press '3'.
6. Dictate new 'OGM' after hearing a single BEEP tone.
7. Press '3' when new 'OGM' completed.
8. New OGM will be played automatically for your checking.
9. Hang up handset if new 'OGM' is acceptable.

Call Break Through (CBT)

Imagine that it is night time, all occupants are asleep and your telephone at home has its Ringer at OFF position, and the volume control of the answering machine is at minimum. Or, you know someone is at home, but they do not answer when you call; instead it's your machine answers. With "CALL BREAK THROUGH" you can command this machine to emit loud BEEPS for 1 minute to alert them to pick up your call.

To Operate CBT

1. Dial the phone number of your machine.
2. On hearing the OGM, enter the CBT Code. This unit is factory preset with Code 168. However, this CBT code is changeable to a maximum of 5 digits and a minimum of 1 digit.
3. CBT beeper will sound.
4. Press '*' button to stop CBT beeper when someone answers your call.
5. The called party can also stop CBT beeper after pick-up by pressing the STOP button.

To Change CBT Code By Remote Control

1. Dial the telephone number of your unit.
2. Enter your Security Code on hearing 'OGM'.
3. On hearing a BEEP, press '#' and '2'.
4. On hearing BEEP again enter your new CBT Code which can be one to five digits.
5. Press '#' and your unit will emit a BEEP to confirm new CBT Code.
6. Hang up your phone.

■ In the event you have forgotten your new CBT Code, switch off supply and switch on again after 10 seconds. The machine will automatically revert to CBT Code 168.

■ Do not use the same number for both Security and CBT Code.

When the Tape is Full

1. LED Indicator will blink rapidly non-stop.
2. Your unit will answer with 4 BEEPS and a long BEEP after 12 to 14 rings but will not play the "OGM" nor record any message.
3. After playback of all messages. Your unit will automatically re-set and stand by for Incoming Message.
4. If you want to keep old messages, turn the tape to the next side or replace with a new tape.

Then:

- Switch off the supply and then switch on again
- Record new OGM on the tape

5. The machine can also be reset by the remote control in the following steps.
 - On hearing 4 BEEPS and a long BEEP after 12 to 14 rings, enter Security Code.
 - On hearing a BEEP, press '1'.
 - The machine will start playback of all messages on hearing 2 BEEPS.
 - After playback the machine will reset automatically to receive new message(s).

Room Monitor

1. Dial the telephone number of your unit.
2. On hearing OGM, enter your Security Code.
3. On hearing a BEEP, press '0'.
4. Room monitor will stay on for 60 seconds.
5. You will hear 2 BEEPS after 45 seconds to notify you that time is about to end.
6. To continue room monitor, press '0' again.

Note: Room monitor can be extended for a 60-second duration only once.

Care And Maintenance

1. Unplug the unit before cleaning it.
2. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
3. All tape recording equipment requires periodic cleaning. A typical cleaning schedule is once every 3 months. Use tape head cleaner or denatured alcohol on cotton swab to wipe the 2 tape heads, tape guides, capstan and pressure roller.

Caution: This unit is to be used only with the SANYO AC Adaptor approval No. V95252.

Troubleshooting Guide

Before requesting services, please refer to the following chart and check for the symptom you are experiencing.

SYMPTOM	POSSIBLE	POSSIBLE SOLUTION
No power	AC adaptor not connected to answering machine	Connect the AC adaptor to the answering machine
	AC adaptor not connect to the wall outlet	Connect the AC adaptor to the wall outlet
	No power at AC outlet	Move to another outlet
No outgoing message	Tape is blank	Record an outgoing message
	Incorrect OGM recorded	Repeat procedure
	Message recorded too low	Record message again closer to microphone
Unit not answer call	"Answer" mode is not set	Set to the "Answer" mode
	Modular Line cord(s) connected incorrectly	Re-check that line cord(s) are firmly and properly connected
	Phone line problems	Call local phone company for service
	Tape is full	See "WHEN THE TAPE IS FULL" to reset the machine
Incoming message	Tape is defective	Use a new tape
	Unit not set in "Answer" mode	Check procedure and set to "Answer" mode
Unit will not go into any function	No outgoing message (OGM) is recorded	Record an outgoing message (OGM)
	No power	See "no power" symptom
	The AC adaptor was connected to wall outlet before a microcassette was inserted into the unit	Unplug the AC adaptor and plug it in again
Incoming message distorted	Tape head is dirty	Clean tape head
	Microcassette is worn out	Replace microcassette
	Volume is set too high	Reduce volume
No sound	Volume control is set to low position	Increase volume
Low sound level in ICM or OGM playback even with volume control set at maximum	Tape head is dirty	Clean tape head
Cannot hear the caller when screening a call or cannot hear the OGM when the unit answers a call	Volume control is set too low	Increase Volume
	No OGM recorded	Record as OGM

Machine takes more rings to answer or more than 14 rings to turn on remotely	Extension phones on your phone line weaken the signal to the machine	Reduce the extension phones on your phone line
Machine does not respond correctly to Remote Control Code	Wrong Remote Control Code is used	Use correct code
	Remote telephone does not emit a continuous tone	Try another remote telephone

Warranty

SANYO Warranty

You will keep your Sanyo warranty if you provide proof of original buying date when requesting service for your product bought in Australia.

Other Rights

Your express and implied rights and remedies under the Trade Practices Act and other laws are different to your Sanyo warranty benefits.

SANYO Warranty

Except for the clauses below, Sanyo will repair (or at its option replace) any part of your Sanyo product which in its or its repairer's opinion needs repair or replacement because of manufacture or parts during the 12 months commencing from your products original buying date.

How to Claim Your SANYO Warranty

- Please provide proof of original buying date when requesting Sanyo warranty service.
- Please install and use your product in accordance with instructions on your product or in your operating manual.

Place and Time of Service

Please take or send your product (at your cost and risk) to and from Sanyo or its repairer. If you send your product and/or leave it with or it is taken by Sanyo or its repairer you are wise to insure it for both the sending and return journey.

Sanyo service hours are only Monday to Friday

(excluding public holidays) 8.30 am to 4.30 pm. Services for which you may be asked to pay the then current rates.

Repairs needed because of:

- cockroach or other insect or mice damage
- leaking batteries
- accident, misuse, negligence or tampering with
- use other than in accordance with instructions on your product or in your operating manual
- lightning strikes
- salt built up or rust or corrosion if you live near the ocean or in a high humidity area
- repairs or attempted repairs by anyone other than Sanyo or its repairer or office automation dealer
- use of the product on voltage other than that specified for your product
- repairs to your product if bought at auction.

SANYO

Sanyo Australia Pty Ltd Inc in Victoria A.C.N. 004 981 873

Personal Records

Model No _____ Serial No _____

Retailers Name _____

Original Buying Date _____ Suburb/Town/City _____

Sydney
7 Figtree Drive
Australia Square
Homebush 2140
Ph (02) 763 3900

Brisbane
Cnr Kerry &
Beaudesert Roads
Archerfield 4108
Ph (07) 875 8022

Adelaide
219 Gouger Street
Adelaide SA 5000
Ph (08) 410 3277

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Marchesi Street
Kewdale WA 6105
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370 Whitehorse Road
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