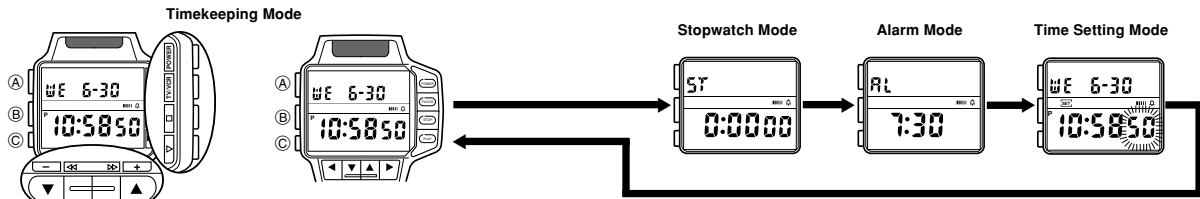


Operation Guide 1138 1173

General Guide

- You can use the Remote Control functions while in the Timekeeping Mode.

- Press **(C)** to change from mode to mode. Each mode is explained in detail in the following sections.
- After you perform an operation in any mode, pressing **(C)** returns to the Timekeeping Mode.



[Module No. 1173]

[Module No. 1138]

The operational procedures for Modules 1138 and 1173 are identical. All of the illustrations in this manual show Module 1138.

Timekeeping Mode



In addition to normal timekeeping, the Timekeeping Mode also provides you with remote control capabilities for your TV* or video tape deck.

* The terms "TV" and "television" as used in this manual refer to both standard televisions and the cable box of cable TV systems.

- This watch will control only televisions and video tape decks that are equipped with remote control sensors.
- For details on how to set the time and date, see "Time Setting Mode".

Note

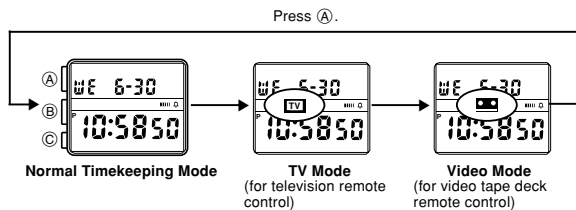
The remote control buttons of the watch are marked according to their functions. In this manual, the buttons are referred to by using their marking in bold characters.

Example: Press **POWER** to switch on the television.

Other (unmarked) buttons are indicated using the letters **(A)**, **(B)**, and **(C)**, as shown in the illustration.

About the Timekeeping sub-modes

The Timekeeping Mode is actually made up of three sub-modes. Use the **(A)** button while in the Timekeeping Mode to switch between the sub-modes.



About the remote control function

In order to be able to use this watch for remote control of a television or video tape deck, you must first set the appropriate manufacturer code. The manufacturer code tells the watch what signals to use for remote control. The Manufacturer Code Table shows the names of the manufacturers that correspond to each code. For full details on how to actually set the manufacturer code, see "To set the manufacturer code".

Some TV or tape deck models may not work properly with this watch, even though they are made by one of the manufacturers in the Manufacturer Code Table. Also, you may find that you can control a TV or tape deck using a code for a manufacturer that is different from the ones in the table. For details on finding the code you should use, see "How to find the right code".

Note

- Replacing the battery will cause the remote control data setting (TV/video manufacturer codes) to be altered. Be sure that you make a note of your codes before you have the battery replaced.
- There are some manufacturers with more than one code. Try the various codes available for your equipment to find the one that works best.
- You have to set separate codes for your TV and tape deck, even if they are made by the same manufacturer.
- You might not be able to use this watch to control models that combine a TV and tape deck into a single unit, multi-functional TVs that can be used as computer monitors, or other televisions or tape decks equipped with special functions.

Manufacturer code (TV/Cable Box)

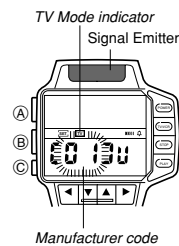
Manufacturer	Code	Manufacturer	Code	Manufacturer	Code
GE	18	MITSUBISHI	14	SAMSUNG	20
GE	21	MITSUBISHI	15	SCIENTIFIC ATLANTIC (C)*	10
GOLDSTAR	29	MITSUBISHI	37	SCIENTIFIC ATLANTIC (C)*	11
HITACHI	28	PANASONIC	12	SHARP	19
JERROLD (C)*	8	PANASONIC	33	SONY	3
JERROLD (C)*	9	PANASONIC (C)*	13	TOSHIBA	26
JVC	30	PHILIPS	39	TOSHIBA	27
JVC	31	PIONEER (C)*	25	ZENITH	6
JVC	32	RCA	1	ZENITH (C)*	7
MAGNAVOX	22	RCA	2		4
MAGNAVOX	23	RCA	36		5
MAGNAVOX	24	SAMSUNG	16		35
MAGNAVOX	34	SAMSUNG	17		38

* "(C)" indicates cable box.

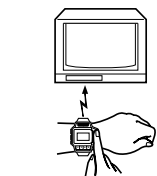
Manufacturer code (video tape deck)

Manufacturer	Code	Manufacturer	Code	Manufacturer	Code
GE	21	PHILIPS	38	TOSHIBA	27
GOLDSTAR	28	PHILIPS	39	ZENITH	6
GOLDSTAR	29	RCA	1		7
HITACHI	22	RCA	2		8
HITACHI	23	RCA	36		9
JVC	30	SAMSUNG	16		10
JVC	31	SAMSUNG	17		11
JVC	32	SHARP	19		13
JVC	35	SHARP	20		14
MITSUBISHI	15	SONY	3		18
MITSUBISHI	37	SONY	4		24
PANASONIC	12	SONY	5		25
PANASONIC	33	TOSHIBA	26		34

To set the manufacturer code



Manufacturer code



- Switch on the TV or video tape deck whose manufacturer code you want to set.
- In the Timekeeping Mode, hold down **(B)** until a manufacturer code appears flashing on the display.
- Press **(A)** to select either the TV Mode (**(TV)** indicator shown on the display) or Video Mode (**(V)** indicator shown on the display).
- Press **(▶)** to increase the code number.

- Holding down **(▶)** increases the code number at high speed.
- See the Manufacturer Code Table for details on manufacturer codes.

- To test whether or not the displayed manufacturer code is correct for your equipment, point the Signal Emitter (red window) at your TV or tape deck and press **POWER**. Note that the TV/tape deck should be switched on.
 - If the above operation switches the power of your TV or tape deck off, it means that the correct code has been selected.
 - Certain TVs and tape decks may be slow to respond after receiving a remote control signal. With such units, try holding down **POWER** for one or two seconds.
 - If nothing happens when you press **POWER**, use steps 4 and 5 to try another code.

- When you have the correct manufacturer code, press **(B)** to return to the Timekeeping Mode.

- See "To use the remote control functions" for information on using the remote control functions.
- If you can't find a code that works with your equipment, see "How to find the right code".
- If you do not press any buttons for a few minutes while the manufacturer code is flashing, the flashing will stop and the watch automatically returns to the Timekeeping Mode.

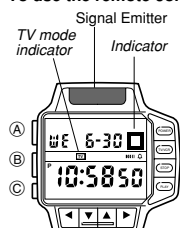
How to find the right code

Use the following operation if you have difficulty finding a manufacturer code that works with your equipment.

- Switch on the TV or video tape deck whose manufacturer code you want to set.
- In the Timekeeping Mode, hold down **(B)** until a manufacturer code appears flashing on the display.
- Press **(A)** to select either the TV Mode (**(TV)** indicator shown on the display) or Video Mode (**(V)** indicator shown on the display).
- Press **(▶)** until manufacturer code 01 appears.
- Code 01 comes sequentially after code 39.
- Holding down **(▶)** increases the code number at high speed.
- To test whether or not the displayed manufacturer code is correct for your equipment, point the Signal Emitter (red window) at your TV or tape deck and press **POWER**. Note that the TV/tape deck should be switched on.
 - If the above operation switches the power of your TV or tape deck off, it means that the correct code has been selected. Skip to step 6.
 - Certain TVs and tape decks may be slow to respond after receiving a remote control signal. With such units, try holding down **POWER** for one or two seconds.
 - If nothing happens when you press **POWER**, press **(▶)** to advance to the next code and repeat step 5 to test the code.
 - Note that some codes in the Manufacturer Code Table do not have manufacturer names. The watch does not emit remote control signals while these codes are set, and so you should not use them.

- After you have found the correct manufacturer code, press **(B)** to return to the Timekeeping Mode.

To use the remote control functions



- In the Timekeeping Mode, press (A) to select either the TV Mode (TV indicator shown on the display) or Video Mode (V indicator shown on the display).
 - Point the Signal Emitter (red window) at your TV or tape deck and use the buttons on the right side and the bottom of the watch to perform the operation that you want (see the table below).
- Each time you perform an operation, an indicator appears on the display to show which operation is being performed.

Button	TV Mode		Video Mode	
	Operation	Indicator	Operation	Indicator
POWER	Switches power on and off	□	Switches power on and off	□
TV/VCR	Switches between TV and video function	TV	Switches between TV and video function	V
STOP/□	No function		Stops tape transport	■
PLAY/▷	No function		Starts tape playback	▶
▶/+	Changes to the next higher channel	+	Changes to the next higher channel	+
▲/▷	Increases volume	▲	Starts fast forward operation	▶▶
▼/◀	Decreases volume	▼	Start rewind operation	◀◀
◀/−	Changes to the next lower channel	−	Changes to the next lower channel	−

Note

- This watch is equipped with buttons that cover as wide a range of remote control functions as possible. Note, however, that if your TV or tape deck is not equipped with some of these functions, nothing will happen when you press the corresponding button on this watch.
- For televisions that do not have a TV/video switching function, pressing the TV/VCR button may switch teletext, etc. on and off.

Troubleshooting Guide

Problem: Remote control functions do not work at all.

- Possible Cause:** Use of the wrong mode (TV/Video)
 - Action:** Make sure the watch is in the TV Mode when you are trying to control a TV, or in the Video Mode when you are trying to control a video tape deck. See "About the Timekeeping sub-modes" for details on changing modes. You cannot control any other remote control device (besides a TV or video tape deck) using this watch.
- Possible Cause:** Wrong manufacturer code
 - Action:** You must set the correct manufacturer code for the type of TV or video tape deck you are trying to control. See "To set the manufacturer code".
- Possible Cause:** The path between the signal emitter and TV/video tape deck is blocked or too long (more than 16 feet/5 meters).
 - Action:** Make sure that the path between the watch's signal emitter and the signal receiver on your TV or tape deck is not blocked by clothing, your hand, furniture, etc. Reduce the distance between the signal emitter and TV/video tape deck if necessary.

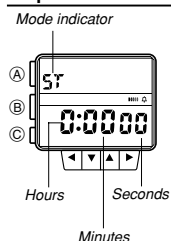
Problem: Some remote control functions do not work.

- Possible Cause:** Too much distance between the watch and TV/video tape deck, or improper pointing of the watch's signal emitter.
 - Action:** The distance between the watch and TV/video tape deck should be less than 16 feet/5 meters. Also, make sure that the signal emitter is pointing directly at the TV/video tape deck when you are performing a remote control function.
- Possible Cause:** Use of button on the watch for which the TV/video tape deck does not have a corresponding function.
 - Action:** Some TV or tape deck models may not have functions that correspond to the functions provided on the watch.

Problem: Video deck functions do not work at all.

- Possible Cause:** Your video tape deck might have a dual code (A Code/B Code or Video 1/Video 2) remote control receiver.
 - Action:** Try switching the setting (between A Code/B Code or Video 1/Video 2) on your video tape deck until you find the correct setting for use with the watch.

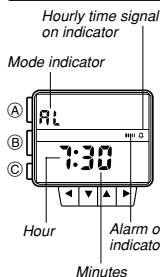
Stopwatch Mode



The Stopwatch Mode lets you measure elapsed time, split times, and two finishes. The range of the stopwatch is 23 hours, 59 minutes, 59 seconds.

- Elapsed time measurement**
 (A) Start → (A) Stop → (A) Re-start → (A) Stop → (B) Clear
- Split time measurement**
 (A) Start → (B) Split → (B) Split release → (A) Stop → (B) Clear
- Split time and 1st-2nd place times**
 (A) Start → (B) Split → (A) Stop → (B) Split release → (B) Clear
 First runner finishes. Second runner finishes. Record time of first runner. Record time of second runner.

Alarm Mode



When the Daily Alarm is switched on, the alarm sounds for 20 seconds at the preset time each day. Press any button to stop the alarm after it starts to sound. When the Hourly Time Signal is switched on, the watch beeps every hour on the hour.

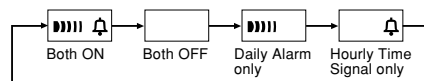
To set the alarm time

- Hold down (B) while in the Alarm Mode until the hour digits start to flash on the display. The hour digits flash because they are selected.
 - This operation will switch the Daily Alarm on automatically.
- Press (A) to change the selection in the following sequence.
- Press (▶) to increase the selected digits. Holding down (▶) increases the selection at high speed.
 - The format (12-hour and 24-hour) of the alarm time matches the format you select for normal timekeeping.
 - When setting the alarm time using the 12-hour format, take care to set the time correctly as morning or afternoon (P).
- After you set the alarm time, press (C) to return to the Alarm Mode.

To switch the Daily Alarm and Hourly Time Signal on and off

Press (A) while in the Alarm Mode to change the status of the Daily Alarm and Hourly Time Signal in the following sequence.

[Alarm on indicator/Hourly Time Signal on indicator]

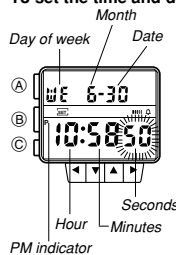


To test the alarm

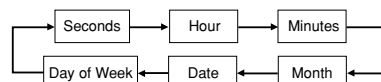
Hold down (A) while in the Alarm Mode to sound the alarm.

Time Setting Mode

To set the time and date



- Use (C) to enter the Time Setting Mode.
 - The seconds digits flash, because they are selected.
- Press (▶) to change the selection in the following sequence.



- While the selection is flashing, press (A) to switch between 12-hour and 24-hour formats.

- While the seconds digits are selected (flashing), press (▶) to reset the seconds to "00". If you press (▶) while the seconds count is in the range of 30 to 59, the seconds are reset to "00" and 1 is added to the minutes. If the seconds count is in the range of 00 to 29, the minutes count is unchanged.
- While any other digits (besides seconds) are selected (flashing), press (▶) to increase the number. While the day of the week is selected, pressing (▶) advances to the next day. Holding down (▶) changes the current selection at high speed.
- After you set the time and date, press (C) to return to the Timekeeping Mode.

- The watch does not make any allowance for leap years. Be sure to manually set February 29 (when one occurs) for the appropriate date.
- If you do not press any buttons for a few minutes while a selection is flashing, the flashing stops and the watch goes back to the Timekeeping Mode automatically.