## About This Manual



## Features

Your watch provides you with the features and functions described below.
-Stopwatch. $\qquad$ . Pag
elapsed times and lap times. Elapsed time measurement can be started with a single button press from the Timekeeping Mode. Memory for up to 120 lap time records.

- Timer... $\qquad$ Page E-40
The timer counts down from a preset start time. An alarm sounds when the start time. An alarm sounds when
end of the countdown is reached.
- Alarm. $\qquad$ Page E-43 When the alarm time is reached, the watch sounds an alert.
- Dual time. $\qquad$ .. Page E-48 You can view the current time in your current location and in one more time zone.

Contents
About This Manual. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-2
Features . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Mode Reference Guide . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-8
Timekeeping. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E -16
Adjusting the Digital Time and Date Settings . . . . . . . . . . . . . . . . . . . . . . . . . . E-17
To configure the digital time and date settings . . . . . . . . . . . . . . . . . . . . . . . E-17
To change the Daylight Saving Time (summer time) setting . . . . . . . . . . . . . . E-21
Using the Stopwatch . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-22
To enter the Stopwatch Mode . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-24
E-4

Using the Alarm . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-43
To enter the Alarm Mode . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-43
To set an alarm time . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-44
To test the alarm . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-45
To turn an alarm and the Hourly Time Signal on and off . . . . . . . . . . . . . . . . . E-46
To stop the alarm . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-47
Dual Time Mode . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-48
To enter the Dual Time Mode. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-48
To set the Dual Time . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 48
To swap Timekeeping Mode and Dual Time Mode times . . . . . . . . . . . . . . . . E-50
Illumination. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-51
To turn on illumination manually . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-51
To change the illumination duration . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-52
E-6

To turn the auto light switch on and off . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-55
Adjusting Hand Positions . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-58
To adjust hand alignment. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5 -59
Button Operation Tone . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-61
To turn the button operation tone on and off . . . . . . . . . . . . . . . . . . . . . . . . E-61
Troubleshooting. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-62
Main Indicators . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-63
Specifications. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E-64

Mode Reference Guide

| The mode you should select depends on what you want to do. |  |  |
| :--- | :--- | :--- |
| To do this: | Enter this mode: | See: |
| - View the current time and date <br> - Configure daylight saving time (DST) settings <br> - Configure time and date settings <br> -Start elapsed time measurement with a single <br> button press | Timekeeping Mode | E-16 |
| - Measure elapsed time <br> - Record lap times (up to 120) | E-25 |  |
| - View data recorded in the Stopwatch Mode | Stopwatch Mode | E-22 |
| - Use the countdown timer | Data Recall Mode | E-32 |
| - Set an alarm time <br> - To turn an alarm or the hourly time signal on or off | Alarm Mode | E-40 |


| To do this: | Enter this mode: | See: |
| :--- | :--- | :--- |
| - Display a second time | Dual Time Mode | $\mathrm{E}-48$ |

# Operation Guide 5535 

Selecting a Mode

- Press (C) to cycle between the modes as shown below.
- To return to the Timekeeping Mode from any other mode, hold down © for about two seconds.
- In any mode, press (L) to illuminate the display.

- In the Timekeeping Mode, press (D) to enter the Stopwatch Mode.
- For more information about using the Stopwatch Mode, see "To enter the Stopwatch Mode" (page E-24).


## - Scrolling

The (B) and (D) buttons are used on the setting mode to scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls through the data at high speed.

## General Functions (All Modes)

The functions and operations described in this section can be used in all of the modes.

- Auto Return Features

If you do not perform any operation for two or three minutes while configuring time or other settings (with a setting flashing), or while adjusting hand positions (page E-58),
the watch will automatically exit the setting or adjustment mode.
The watch will automatically return to the Timekeeping Mode if you do not perform any operation for a certain amount of time, as described below.

| Mode | Approximate Elapsed Time |
| :--- | :---: |
| Alarm | 3 minutes |
| Data Recall | 3 minutes |

Moving the Hands Out of the Way for Better Viewing
You can use the procedure below to temporarily move the hour and minute hands
out of the way to better view what is on the display.

1. While holding down (L), press (C).

- The watch will beep twice and the hour and minute hands will move to a position where they do not block the digital display.
Example: When the current time is $8: 25$


E-14
2. Holding down (1) again as you press (C) will cause the hands to return to their normal positions (normal timekeeping).

## Note

- This operation can be performed in any mode. In the case of a setting mode (setting flashing on the screen), the hour and minute hands will move out of the way, and the second hand will move to 12 o'clock automatically even if you do not perform the above operation.
- Watch button functions are the same regardless of whether the hands are move
out of the way or at their normal positions.
- Changing to another mode will cause the hands to move back to their norma positions.
- The hands also will move back to their normal positions automatically if no operation is performed for about one hour.

Timekeeping


E-16
2. Press (c) to move the flashing in the sequence shown below to select the other settings.


Adjusting the Digital Time and Date Settings
Use the procedure below to adjust the digital time and date settings.
To configure the digital time and date settings

1. In the Timekeeping Mode, hold down (A) until the seconds digits start to flash (about two seconds). - This enables setting of the seconds.

2. When the timekeeping setting you want to change is flashing, use (D) and/or (B) to change it as described below.

| Screen | To do this: | Do this: |
| :---: | :---: | :---: |
| 41 | Reset the seconds to 00 | Press (D). |
| 븥ㅍ̇ | Toggle between 12 -hour ( $\mathbf{1 2 H}$ ) and 24 -hour (24H) timekeeping | Press (D). |
|  | Change the hour or minute | Use (D) (+) and (B) ( - ). |
| Cl\| 18 | Change the year | Use (D) $(+)$ and (B) ( - ). |
| [-3] | Change the month or day | Use (D) (+) and © $(-)$. |

4. Press (A) to exit the setting mode.

## Operation Guide 5535

Note

- Resetting the seconds to 00 while the current count is in the range of 30 to

59 causes the minutes to be increased by 1.
-The watch's built-in full automatic calendar makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to
change it except after you have the watch's battery replaced

- The day of the week changes automatically when the date changes
-While the 12 -hour format is selected for timekeeping, a $\mathbf{P}(\mathrm{PM})$ indicator will appear for times from noon to 11:59 p.m. No indicator appears for times from midnight to 11:59 a.m. With 24 -hour format, time is displayed from 0:00 to 23:59, without any $\mathbf{P}(P M)$ indicator.

To change the Daylight Saving Time (summer time) setting
 - This enables setting of the seconds.
2. Press © to display the DST setting mode. 3. Press (D) to toggle between Daylight Saving Time (ON) and Standard Time (OFF).
4. After the setting is the way you want, press (A) to return to the Timekeeping Mode. -The DST indicator appears to indicate that Daylight Saving Time is turned on.
Note

- Daylight Saving Time (summer time) advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Dayligh Saving Time

Using the Stopwatch


Time Range Display Switching
Whenever the elapsed time exceeds 1 hour, the measurement changes from Whenever the elapsed time exceeds 1
$1 / 100$-second units to 1 -second units.


What is a lap time?
A lap time is the time elapsed over a specific segment of a race.
Example: Car race on an oval track


To enter the Stopwatch Mode
You can enter the Stopwatch Mode using any one of the methods below.

Entering Directly from the Timekeeping Mode
If the stopwatch was reset to all zeros the last time you used it, a new elapsed time operation will start as soon as you enter the Stopwatch Mode.
operation will star as soon as you ente.

1. In the Timekeeping Mode, press (D).

This will result in one of the following, depending on the status of the stopwatch the last time you exited the Stopwatch Mode.

- Stopwatch reset: Timing starts.

One-press timing start from the Timekeeping Mode (direct timing start from the Timekeeping Mode).

- If an ongoing timing operation is paused: Timing remains paused.
- If an ongoing timing operation is in progress*: Timing continues to be performed. An ongoing stopwatch timing operation continues even if you navigate to another mode from the Stopwatch Mode.

2. Now you can perform the same operations as those shown on page E-26.

Entering from Another Mode (including the Timekeeping Mode)
Use (C) to select the Stopwatch Mode as shown on page E-10

- To enter from the Timekeeping Mode using this method, press (C) once
- This will display the stopwatch screen in the same status as it was the last time you exited the Stopwatch Mode.



## Note

- The watch will exit the lap time screen automatically after about eight seconds.
- An ongoing elapsed time measurement operation will continue internally even if you change to another mode. However, if you exit the Stopwatch Mode while a ap time is displayed, the lap time will not be displayed when you return to the Stopwatch Mode.


## Memory

The watch has enough memory to hold up to 121 records for session start information (date and time), and lap time records. You can record up to 120 lap
times. - Session start information (date and time) requires one record for each session. A
session is from the start of measurement up the point the stopwatch is reset

- Each lap time uses one record.

Example 1: Single session (from start to reset)
Start information (date and time) record + 120 lap time records = 121 records in total
Example 2: Multiple sessions
Session 1: Start information (date and time) record +60 lap time records $=61$ records
Session 2: Start information (date and time) record + 59 lap time records = 60 record Total: 121 records

## Operation Guide 5535

Note

- Use the Data Recall Mode to view records. See "Viewing Lap Records" (page E-33),


## Memory Timing

The table below explains how data is stored in memory when (D) or (B) is pressed.

| Operation | Result |
| :--- | :--- |
| While the stopwatch is reset to all zeros, <br> press (D) to start a session. | lhis stores the current date and time in <br> memory as session start information. |
| Press (D) to stop time measurement. | Nothing is recorded when time measurement <br> is stopped. |
| Press (D) to resume time measurement. | Nothing is recorded when time measurement <br> is resumed. |
| Press (B) to measure a lap time. | A lap time record is stored in memory. |
| Press (B) to reset the stopwatch to all zeros. | The final lap time record for the session is <br> stored in memory. |

E-30
Memory Full
Storing data when memory is full automatically deletes the oldest record currently in memory to make room for the new data.
Example 1: When there are 121 records for a single session in memory The oldest lap time record in memory is deleted to make room for the he oldest lap
Example 2: When there is data for multiple sessions (dates and times) in memory All of the data of the session with the oldest date and time is cleared to make room for the new lap time.

Note

- To clear records data manually, see "Deleting Lap Time Records" (page E-37)


## Viewing Lap Time Records

Use the Data Recall Mode to view lap time records.
Entering the Data Recall Mode displays the start date (month, day, day of the week) and time of the most recent session.


To enter the Data Recall Mode
Use © to select the Data Recall Mode as shown on page E-10.

## Viewing Lap Records

To select a desired date and time
In the Data Recall Mode, use (B) and (D) to scroll to the start information (date and time) of the session you want.


Viewing Lap Records

1. While the start information (date and time) of the session you want to view is displayed, press (A)

- This displays the lap time record of the selected session

2. Use (B) and (D) to scroll between laps
3. To return to the session start information (date and time), press (A)


E-36

## Deleting Lap Time Records

To delete a session
You can delete records in session units only. You cannot delete a particular lap time record within a session

1. Use (B) and (D) to display the start information (date and time) of the session you want to delete.


## Deleting All Lap Time Records

1. Hold down (A) for about five seconds.

CLR will flash and then remain displayed to indicate that one record was deleted. Keep (A) depressed until ALL CLR flashes for about 1.5 seconds, indicating that all records were deleted


Note

- All records cannot be deleted while a measurement session is in progress


## Operation Guide 5535

## Countdown Timer

(A)

## To configure the countdown timer

(A) (B) | 1. Hold down (A) for about two seconds until the minute |
| :--- |
| digits of the start time start to flash. |
| - If the countdown start time is not displayed, use the |
| procedure under "To perform a countdown timer |
| operation" (page E-42) to display it. |

(C) (D) | 2. Press (C) to toggle the flashing between the minutes |
| :--- |
| and seconds. |

3. Use (D) and (B) to change the setting of the flashing digits (minutes or seconds).

- You can set a start time in the range of one second to 100 minutes in
one-second increments.
- To set the starting value of the countdown time to 100 minutes, set $00^{\prime} 00$.

4. Press (A) to exit the setting mode.

To perform a countdown timer operation

|  | (D) | (D) | (B) |
| :--- | :--- | :--- | :--- |
| (D) | (D) | (Resume) | (Stop) |

Start Stop (Resume) (Stop)

- Before starting a countdown imer operation, check to make sure that a
countdown operation is not in progress (indicated by the seconds counting down). If it is, press (D) to stop it and then (B) to reset to the countdown start time.


## To stop the alarm

Press any button.

## Using the Alarm



You can set up to five different alarms.
The watch beeps for about 10 seconds when the alarm time is reached. The hourly time signal causes the watch to beep every hour on the hour.
To enter the Alarm Mode
Use © to select the Alarm Mode as shown on page E-11.

To set an alarm time

1. Press (D) or (B) to display the setting ( $\mathbf{- 1}$ through $\mathbf{- 5}$, or SIG) you want to change.

2. Hold down (A) until the hour digits of the current alarm time start to flash (about two seconds). This is the setting mode.

- This also causes the alarm indicator to appear and turns on the alarm setting.


## Alarm time hour


3. Press (C) to move the flashing between the hour and minute settings.
4. While a setting is flashing, use (D) (+) and (B) ( - ) to change it.

- While the 12-hour format is selected for timekeeping,
a $\mathbf{P}(\mathrm{PM})$ indicator will appear for times from noon to 11:59 p.m.

5. Press (A) to exit the setting mode.

To test the alarm
In the Alarm Mode, hold down (D) to sound the alarm.

To turn an alarm and the Hourly Time Signal on or off

1. In the Alarm Mode, use (D) or (B) to select an alarm or the Hourly Time Signal. - Each press of (D) or (B) cycles between the alarm time screen and the hourly time signal setting screen.
2. Press (A) to toggle the displayed setting (alarm or hourly time signal) between on and off.

- This will cause the second hand to move to ON or OFF
- An alarm on indicator will be on the display whenever any one of the five alarms is turned on. Turning on the hourly time signal causes its indicator to appear on the screen.



## To stop the alarm

Press any button.

Dual Time Mode


You can use the Dual Time Mode to set a second time (in 15 minute steps) that is different from the Timekeeping Mode time.

To enter the Dual Time Mode
Use (C) to select the Dual Time Mode as shown on
page E-11.

## To set the Dual Time

1. Hold down (A) while in the Dual Time Mode. The hour and minute digits flash on the display because they are selected.
2. Press (C) to change the selection in the following sequence.

3. Press (D) to increase the selected digits and (B) to decrease them.

- Each press of (D) toggles summer time between on (ON) and off (OFF). When summer time is on, a DST indicator is displayed on the Dual Time Mode screen
-While the 12 -hour format is selected for timekeeping, a $\mathbf{P}(\mathrm{PM})$ indicator will appear for times from noon to 11:59 p.m.

4. After you set the time, press (A) to return to the Dual Time Mode.

- In the Dual Time Mode, the seconds count is synchronized with the seconds count of the Timekeeping Mode.
Note
- Daylight Saving Time (summer time) advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Daylight Saving Time.


## Operation Guide 5535

To swap Timekeeping Mode and Dual Time Mode times

1. In the Dual Time Mode, hold down (D) for about two seconds.

After the HT IIr starts to flash, the Timekeeping Mode time and Dual Time Mode time will be swapped with each other


Illumination


The face of the watch is illuminated for easy reading in The watch's auto light switch turns on illumination automatically when you angle the watch towards your face.

- The auto light switch must be enabled (page E-55) for it to operate.
To turn on illumination manually
Press (L) in any mode to illuminate the face of the watch.
- You can use the procedure below to select either 1.5 seconds or three seconds as the illumination illuminated for about 1.5 seconds or three seconds, depending on the current illumination duration setting.

The above operation turns on illumination regardless of the current auto light switch setting.

To change the illumination duration

1. In the Timekeeping Mode, hold down (A) until the seconds digits start to flash
(about two seconds)

- This enables setting of the seconds.


About the Auto Light Switch
Enabling the auto light switch causes illumination
Enabling the auto light switch causes illuminatio to turn on, whenever you positited below in any mode.
Moving the watch to a position that is parallel to the ground and then tilting it towards you more than 40 degrees causes illumination to turn on.

## Warning!



Always make sure you are in a sate place whenever you are reading the face of the
watch using the auto light switch. Be especially careful when running or watch using the auto light swith. Be especially careful when running or care that sudden illumination by the auto light switch does not startle or distract others around you.

When you are wearing the watch, make sure that its auto light switch is disabled before riding on a bicycle or operating a motorcycle or any othe motor vehicle. Sudden and unintended operation of the auto light switch can create a distraction, which can result in a traffic accident and serious personal injury.

## Note

- This watch features a "LED", so the auto light switch operates only when available
light is below a certain level. It does not illuminate the face under bright light.
- The auto light switch is always disabled, regardless of its on/off setting, when the ollowing condition exists.
While an alarm is sounding


## To turn the auto light switch on and off

In the Timekeeping Mode, hold down (L) for about three

indicato

## llumination Precautions

LED panel that provides illumination loses power after very long use

- Illumination may be hard to see when viewed under direct sunlight.
- Illumination turns off automatically whenever an alarm sounds.
- Frequent use of illumination runs down the battery.

Auto light switch precautions
Wearing the watch on the inside of your wrist, movement of your arm, or vibration of your arm can cause frequent activation of the auto light switch and illumination of the face. To avoid running down the battery, disable the auto light switch whenever engaging in activities that might cause frequent illumination of the face.

- Illumination may not turn on if the face of the watch is more than 15 degrees above or below parallel. Make sure that the back of your hand is pare to the ground
- Illumination turns off after the preset illumination duration (page E-52), even if you keep the watch pointed towards your face. Static electrieity or magnetic force can interfere wh prope pry moving the watch back to the starting position (parat turn on, ground) and then tilt it back towards your face again. If this does not work, drop your arm all the way down so it hangs at your side, and then bring it back up again
- You may notice a very faint clicking sound coming from the watch when it is shaken back and forth. This sound is caused by mechanical operation of the auto light switch, and does not indicate a problem with the watch

Adjusting Hand Positions
The watch hands can go out of alignment with the time on the digital display if it is exposed to strong magnetism or impact. If this happens, you should adjust the hand positions

## Important!

- You do not need to perform the operation below as long as the analog hands indicate the same time as the digital display

To adjust hand alignment


In the Timekeeping Mode, hold down (A) for about five seconds until SEC 00 appears.

- This indicates the second hand adjustment mode. - Though SET and then $\mathbf{H}-\mathbf{S}$ will appear as you hold down (A), do not release the button yet.
- SEC 00 flashes on the display while the second hand is moving to the home position ( 12 o'clock).

2. If the second hand is not at 12 o'clock, use (D) and (B) to move it there.

## Operation Guide 5535


3. Press (C)

- This enters the hour and minute hand adjustment
mode.
- Press (C) again* to return to the second hand adjustment mode.
* Nothing will happen if you press (C) while the hands are moving.
- 0:00 flashes on the display while the hour and minute hands are moving to the home position (12 o'clock).

4. If the hour and minute hands are not at 12 o'clock, use (D) and (B) to adjust them until they are.
5. Press (A) to return to the Timekeeping Mode. Check to make sure that the time indicated by the hands matches the time on the digital display. If the times don't match, perform the correction procedure

Button Operation Tone


You can turn the button operation tone on or off as desired.
the Hourly Time Signal, and other beepers all operate normally
To turn the button operation tone on or off 1. In the Timekeeping Mode, hold down (A) until the seconds digits start to flash (about two seconds). seconds digits start to flash (about two
2. Press (C) eight times to display the button operation tone On/Off screen (page E-18) The screen will show either BEEP ON or BEEP OFF
3. Press (D) to toggle the setting between BEEP ON and BEEP OFF.
4. After all the settings are the way you want, press (A) to exit the setting screen.

## Troubleshooting

Time Setting
The current time setting is off by one hour
You may need to change standard time/daylight saving time (DST) setting. Use the procedure under "Adjusting the Digital Time and Date Settings" (page E-17) to change the standard time/daylight saving time (DST) setting.

Main Indicators


| Number | Name | See |
| :---: | :--- | :---: |
| $\square$ | PM indicator | $\mathrm{E}-16$ |
| 2 | Hands shifted indicator | $\mathrm{E}-14$ |
| 3 | LAP indicator | $\mathrm{E}-36$ |
| 4 | DST indicator | $\mathrm{E}-21$ |
| 5 | Auto light switch on indicator | $\mathrm{E}-55$ |
| 6 | Alarm indicator | $\mathrm{E}-47$ |
| 7 | Hourly time signal indicator | $\mathrm{E}-47$ |

## Specifications

Accuracy at normal temperature: $\pm 15$ seconds a month
Digital Timekeeping: Hour, minutes, seconds, p.m. (P), month, day, day of the week
Time format: 12-hour and 24 -hou
Calendar system: Full Auto-calendar pre-programmed from the year 2000 to 2099 Other: Standard Time/Daylight Saving Time (summer time)
Analog Timekeeping: Hour, minutes (hand moves every 10 seconds), seconds
Stopwatch/Data Recall:
Measuring unit: 1/100 second ( 1 second after 1 hour)
Measuring capacity: 23 hours 59 minutes, 59 seconds ( 24 hours)
Measuring modes: Elapsed time, Lap time, Lap memory (120 records)
One-press timing start from the Timekeeping Mode

Countdown Timer
Measuring unit: 1 second
Countdown start time setting range: 1 second to 100 minutes
Timer alert time: 10 seconds
Alarms: 5 daily alarms; Hourly time signal

## Dual Time: Hour, minutes

Setting Unit: 15 minutes
Other: Daylight Saving Time (summer time)/Standard Time
Illumination: LED (light-emitting diode); Selectable illumination duration (approximately 1.5 seconds or 3 seconds); Auto light
Other: Alarm test; Button operation tone on/off; Moving the Hands to View the Digital Display

Power Supply: One lithium battery (Type: CR2016)
Approximate battery operating time: 3 years under the following conditions:
1 illumination operation ( 1.5 seconds) per day
Alarm: 10 seconds/day
Frequent use of illumination runs down the battery.
Specifications are subject to change without notice.
Free Manuals Download Websitehttp://myh66.comhttp://usermanuals.ushttp://www.somanuals.com
http://www.4manuals.cc
http://www.manual-lib.com
http://www.404manual.com
http://www.luxmanual.com
http://aubethermostatmanual.com
Golf course search by state
http://golfingnear.com
Email search by domain
http://emailbydomain.com
Auto manuals search
http://auto.somanuals.com
TV manuals search
http://tv.somanuals.com

