

SEIKO

DT-40X Digital Timer

Function Operation Guide

Basic Operation

1. Set the power switch (POWER) on the main unit ON.
2. Select the event (F01 to F11) to use by **F** on the infrared remote control.
3. Reset by **R**, and enable by **S**.
4. Set/operate each event.

* Numbers can be fast forwarded by holding down the buttons for at least two seconds during setting/operation.

* The four buzzer sounds and mute can be selected by pressing **▲**.

"Snd 1" → "Snd 2" → "Snd 3" → "Snd 4" → "Snd -"

The buzzer sounds for the duration that **▲** is held down.

* The display can be switched ON/OFF by pressing **▶**.

* Set the channels of the infrared remote control and the main unit. (Total 6 channels)

How to Set the Infrared Remote Control

5. Set the channel of the main unit by **CH**.
Each press of **CH** switches the display panel "CH 0" → "CH 1" → "CH 2" → "CH 3" → "CH 4" → "CH 5" → "CH 6" → "CH 0" → "CH 1" and so forth.

* The default setting is "CH 0". By setting "CH 0", the remote control can receive all channels.

* This operation cannot be performed while the timer is operating or being set.

6. Set the channel of the infrared remote control by **1** to **6**.

* The default setting is "1".

* On the infrared remote control body, which channel is currently set cannot be known.

Check operation together with operation of the main unit.

* Before use, be sure to check that the channels of the main unit and infrared remote control are matching.

Clearing Settings

- To clear the settings of the current event, press **F** and then hold down **R** for at least two seconds.
- To clear the settings of all events, press **F** and then hold down **▶** for at least two seconds.

* This operation cannot be performed while the timer is operating or being set.

F01 Count-Down timer

(max. time setting 99 mins 59 secs, 1 sec or 1/10 sec display, setting of up to 9 warning buzzers)

Operation Procedure	Remote Control Button Operation	Display
1. Switch to the setting mode	S	00:00
2. Enter the time setting (Ex: 10 mins 30 secs) ① Enter minute's digit, then move to second's digit	▲ ▼ ▶	10:00
② Enter second's digit	▲ ▼	10:30
③ Apply the time setting, and move to warning buzzer time 1	Set	b 00:00 1
3. Enter the warning buzzer time (Ex: 1 min 30 secs) ① Enter minute's digit, then move to second's digit	▲ ▼ ▶	b 0 1:00 1
② Enter second's digit	▲ ▼	b 0 1:30 1
③ Apply the warning buzzer time 1, and move to warning buzzer time 2	Set	b 00:00 2
④ If necessary, enter the warning buzzer time 2 and onwards by repeating steps ① to ③ When "00:00" is entered for the warning buzzer time, warning buzzers from then on are canceled, and the screen returns to the time setting entry screen.	Set	10:30
4. End setting, and switch to the timer mode	S	10:30
5. Timer start	Start/Stop	10:30
6. Change the time (Ex: 6 minutes 17 seconds → 7 minutes 32 seconds) ① Timer stop	Start/Stop	6:17
② Change minute's digit	Left score + -	7:17
③ Change second's digit	Right score + -	7:32
7. Timer start (resume)	Start/Stop	7:32
8. Match to warning buzzer time 1		1:30 (buzzer)
9. Timer end		0 (buzzer)
10. Return to before start	R	10:30

* To switch to the setting mode, press **R** to reset the mode, and then press **S**.

* To enable 1/10 sec display, press **D** while in the setting mode. Pressing this again returns the display to 1 sec display.

F02 Count-Up timer

(max. time setting 99 mins 59 secs, 1 sec or 1/10 sec display, setting of up to 9 warning buzzers)

Operation Procedure	Remote Control Button Operation	Display
1. Switch to the setting mode	S	00:00
2. Enter the time (Ex: 10 mins 30 secs) ① Enter minute's digit, then move to second's digit	▲ ▼ ▶	10:00
② Enter second's digit	▲ ▼	10:30
③ Apply the time setting, and move to warning buzzer time 1	Set	b 00:00 1

Operation Procedure	Remote Control Button Operation	Display
3. Enter the warning buzzer time (Ex: 45 secs) ① Enter minute's digit, then move to second's digit	▲ ▼ ▶	b 00:00 1
② Enter second's digit	▲ ▼	b 00:45 1
③ Apply the warning buzzer time 1, and move to warning buzzer time 2	Set	b 00:00 2
④ If necessary, enter the warning buzzer time 2 and onwards by repeating steps ① to ③ When "00:00" is entered for the warning buzzer time, warning buzzers from then on are canceled, and the screen returned to the time setting entry screen.	Set	10:30
4. End setting, and switch to the timer mode	S	0
5. Timer start	Start/Stop	0
6. Change the time (Ex: 25 seconds → 20 seconds) ① Timer stop	Start/Stop	25
② Change seconds	Right score + -	20
7. Timer start (resume)	Start/Stop	20
8. Match to warning buzzer time 1		45 (buzzer)
9. Timer end		10:30 (buzzer)
10. Return to before start	R	0

* To switch to the setting mode, press **R** to reset the mode, and then press **S**.

* To enable 1/10 sec display, press **D** while in the setting mode. Pressing this again returns the display to 1 sec display.

F03 Stopwatch

(max. measurement time 9 hours 59 mins 59 secs 9, lap/split display switching)

Operation Procedure	Remote Control Button Operation	Display
1. Switch the lap/split display	Mode	Bottom right • No: Lap Bottom right • Yes: Split
2. Timer start	Start/Stop	0:00 1
3. Timer stop	Start/Stop	0:18 5
4. Return to before start	R	0:00 0

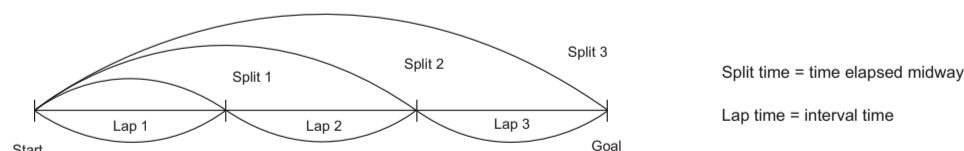
Split time (time elapsed midway)

Operation Procedure	Remote Control Button Operation	Display
1. Timer start	Start/Stop	0:00 1
2. Split measurement (Ex: 26 mins 13 secs 7)	Lap/Split	26:13 7 ◀▶ blinks
3. Cancel split	Lap/Split	28:32 6 ◀▶ goes out
4. Timer stop	Start/Stop	2 20:23 5
5. Return to before start	R	0:00 0

Lap time (interval time)

Operation Procedure	Remote Control Button Operation	Display
1. Timer start	Start/Stop	0:00 1
2. 1st lap measurement (Ex: 26 mins 13 secs 7)	Lap/Split	26:13 7 ◀▶ blinks
3. Cancel 1st lap	Lap/Split	28:32 6 ◀▶ goes out
4. 2nd lap measurement (Ex: 23 mins 9 secs 2)	Lap/Split	23:09 2 ◀▶ blinks
5. Cancel 2nd lap	Lap/Split	1 02:21 5 ◀▶ goes out
6. Timer stop	Start/Stop	2 20:23 5
7. Return to before start	R	0:00 0

[Split Time/Lap Time]



F04 Programmable timer

(max. time setting 99 mins 59 secs, max. 9 program settings, max. setting repeat count 99 times)

Operation Procedure	Remote Control Button Operation	Display
1. Switch to the setting mode	S	P 00:00 1
2. Enter program 1 (P1) (Ex: 5 mins 30 secs) ① Enter minute's digit, then move to second's digit	▲ ▼ ▶	P 05:00 1
② Enter second's digit	▲ ▼	P 05:30 1
③ Apply program 1 (P1), and move to program 2 (P2)	Set	P 00:00 2
3. Enter program 2 (P2) (Ex: 3 mins 20 secs) ① Enter minute's digit, then move to second's digit	▲ ▼ ▶	P 03:00 2
② Enter second's digit	▲ ▼	P 03:20 2
③ Apply program 2 (P2), and move to program 3 (P3)	Set	P 00:00 3

Operation Procedure	Remote Control Button Operation	Display
④ If necessary, enter program 3 (P3) and onwards by repeating steps ① to ③. When "00:00" is entered for the program setting, programs from then on are canceled, and the screen returns to the repeat count entry screen.		0
4. ① Enter the repeat count (Ex: 15 times)		15
② Apply the repeat count		P 05:30 1
5. End setting, and switch to the timer mode		5:30 1
6. Timer start The buzzer sounds and P1 starts		5:30 1 (buzzer)
7. When P1 ends, the buzzer continues to sound and P2 starts		3:20 1 (buzzer)
8. Change the time (Ex: 1 minute 20 seconds → 3 minutes 10 seconds) ① Timer stop		1:20 2
② Change minute's digit	Left score	3:20 2
③ Change second's digit	Right score	3:10 2
9. Timer start (resume)		3:10 2
10. Check the repeat count (Ex: P2 at 13th repeat count) ① Display the repeat count		13 P2 ◀ blinks (This is hidden when the timer has stopped.)
② Return to timer display		3:05 2 ◀ goes out
11. End all programs		0 2 (buzzer)
12. Return to before start		5:30 1

- * To switch to the setting mode, press to reset the mode, and then press .
- * To switch the timer to the countup mode, press while in the setting mode. During countup, ● at the bottom left lights. Press this again to return to the countdown mode.
- * To end program execution without performing the last program, press while in the timer mode, and light ● at the bottom right.

F05 Clock & Alarm

(12-/24-hour clock, max. 5 alarm settings)

Operation Procedure	Remote Control Button Operation	Display
1. Switch to the setting mode		b --:-- 1
2. Enter alarm time 1 (Ex: 14 hours 55 mins) ① Enter hour's digit, then move to minute's digit		b 14:-- 1
② Enter minute's digit		b 14:55 1
③ Apply the alarm time 1, and move to alarm time 2		b --:-- 2
3. Enter alarm time 2 (Ex: 18 hours 30 mins) ① Enter hour's digit, then move to minute's digit		b 18:-- 2
② Enter minute's digit		b 18:30 2
③ Apply the alarm time 2, and move to alarm time 3		b --:-- 3
④ If necessary, enter the alarm time 3 and onwards by repeating steps ① to ③. *When applying a setting without entering the alarm time, the screen moves to the current time entry screen.		--:--
4. Enter the current time (Ex: 13 hours 10 mins) ① Enter hour's digit, then move to minute's digit		13:--
② Enter minute's digit		13:10
③ Apply the current time		b 14:55 1
5. End setting, and switch to the clock mode		13:10 0
6. Clock start The time is displayed as seconds for the first five seconds		13:10 1

- * To switch to the setting mode, press to stop the clock (0 seconds is displayed and time stops), and press .
- * To change the 12/24 clock system and the lit/blinking display of the colon, press while in the clock mode. The display switches in the following order: "24-hour clock/colon lit" → "24-hour clock/colon blinks" → "12-hour clock/colon lit" → "12-hour clock/colon blinks". After one second, the screen automatically returns to the current time (clock display).
- * To set 0 seconds, press .
- When seconds are 0 to 29 seconds (Ex: 11 hours 22 mins 28 secs), the time changes to 11 hours 22 minutes 0 seconds. When seconds are 30 to 59 seconds (Ex: 11 hours 22 mins 49 secs), the time changes to 11 hours 23 minutes 0 seconds.
- * When not entering the alarm time, press and move to the current time entry screen.

F06 Score

(Score: max. display 99 vs 99, scored set/scored game: max. display 9 vs 9)

Operation Procedure	Remote Control Button Operation	Display
1. Enter the score for the left team (Ex: 12 vs 0)	Left score	0 12- 0 0
2. Enter the score for the right team (Ex: 12 vs 5)	Right score	0 12- 5 0
3. Enter the right to serve for the left team		0 12- 5 0 ◀ lights
4. Enter the right to serve for the right team		0 12- 5 0 ▶ lights
5. Enter the time-out for the left team		0 12- 5 0 ● at the bottom left lights
6. Enter the time-out for the right team		0 12- 5 0 ● at the bottom right lights
7. Enter the set for the left team (Ex: 2 vs 0)	Left sets	0 12- 5 0
8. Enter the set for the right team (Ex: 2 vs 3)	Right sets	2 12- 5 3
9. Change court		3 5- 12 2

Operation Procedure	Remote Control Button Operation	Display
10. Move to next set Reset display except number of sets		3 0- 0 2
11. Reset all displays	Hold down for 2 seconds	0 0- 0 0

- * To hide the number of scored sets/scored games, enter the setting mode by and press .
- Pressing again returns the mode to the score mode.

F07 Game mode (Count-Down)

- * You can switch the display between the timer and score.

For details on game time operations, see "F01 Count-Down timer."
For details on score operations, see "F06 Score."

- * To switch between game time setting and score setting, press while in the setting mode.
- * To switch between score display and game time display, press while in the game mode.

F08 Game mode (Count-Up)

- * You can switch the display between the timer and score.

For details on game time operations, see "F02 Count-Up timer."
For details on score operations, see "F06 Score."

- * To switch between game time setting and score setting, press while in the setting mode.
- * To switch between score display and game time display, press while in the game mode.

F09 Tennis

(Score: 0/15/30/45/A, scored game: 0 to 9, score at tie-break: 0 to 99)

Operation Procedure	Remote Control Button Operation	Display
1. Enter the score for the left player (Ex: 15 vs 0)	Left score	0 15- 0 0
2. Enter the score for the right player (Ex: 15 vs 40)	Right score	0 15-40 0
3. Left player scores, score is now deuce	Left score	0 40-40 0
4. Right player scores, score is now advantage	Right score	0 - A 0
5. Enter the right to serve for the left player		0 30-40 0 ◀ lights
6. Enter the right to serve for the right player		0 30-40 0 ▶ lights
7. Enter the game of the left player (Ex: 2 vs 0)	Left sets	2 30-40 0
8. Enter the game of the right player (Ex: 2 vs 3)	Right sets	2 30-40 3
9. Change court		3 40-30 2
10. Move to next game Reset display except number of games		3 0- 0 2
11. Reset all displays	Hold down for 2 seconds	0 0- 0 0

- * To switch to tie-break, press to light ● at the bottom left and right.

F10 4 digits number display

- * You can display 4-digit numbers. (max. display 9999)

Operation Procedure	Remote Control Button Operation	Display
1. Enter the 1's and 10's digit number (Ex: 185)	Right score	85
1. Enter the 100's and 1000's digit number *"0" is not displayed.	Left score	1 85
3. Reset all number values		0

F11 Remaining date display

(Time setting 1 min to 9998 days 23 hours 59 mins)

Operation Procedure	Remote Control Button Operation	Display
1. Switch to the setting mode.		00 00
2. Enter the remaining number of days. (Ex: 123 days 16 hours 45 mins) ① Enter 100 day's digit, then move to 1 day's digit		1 00
② Enter 1 day's digit		1 23
③ Apply the remaining number of days, and move to remaining time		00:00
3. Enter the remaining hours (Ex: 123 days 16 hours 45 mins) ① Enter hour's digit, then move to minute's digit		16:00
② Enter minute's digit		16:45
③ Apply the remaining time		0 1 23
4. End setting, and start countdown		1 24 (Blinks 3 times)
5. Remaining number of days 0 (end of countdown)		0

- * To change the remaining number of days and remaining time, press to switch to the setting mode and enter the desired number of days and remaining time.

SEIKO TIME SYSTEMS INC.

*For more information about the operation, visit the website.
(<https://www.seiko-sts.co.jp>)

