

DDS INFRARED REMOTE KEYBOARD INSTRUCTIONS MANUAL



QUICK TIPS AND TRICKS:

- Infrared Remote sensor is located on the left side of the clock. Direct all commands to the left side.
- First zone on left is the “Master Clock (01)*” and has all the registers available for setting changes.
- All zones after the first zone are “Secondary Clocks” and receives its time (hours and minutes) from the Master Clock. The only individual changes are zone code, daylight savings code, and location name.
- To access settings, type in the clock number on the keyboard.
- Left (←) and Right (→) keys will switch between registers.
- Up (↑) and Down (↓) keys will change value of register.

For clock models with the Message Board add-on, switch between editing the Clock and the Message Board with the F1 and F2 keys.

A. UNLOCK THE CLOCK:

F1 - Unlocks the Clock. The location name will flash the Clock number “CLOCK #01 ↑”, “USE ARROWS”, “OR ESC”, “OR ENTER #” in succession. The Message Board is locked and un-editable.

B. UNLOCK THE MESSAGE BOARD:

F2 - Unlocks the Message Board. The location name will flash “CLK LOCKED,” before displaying the location name. The Clock is locked and un-editable.

CLOCK NUMBERS EXAMPLE:

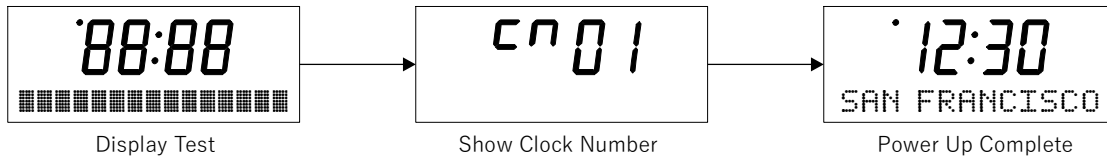
Direct all
keyboard
commands
to left side
of clock.

01*	02	03	04
3:28	4:28	5:28	6:28
PACIFIC	MOUNTAIN	CENTRAL	EASTERN
40 CHARACTER MESSAGE			

* Older clocks before 2020 may start with 00 instead.

AT POWER UP:

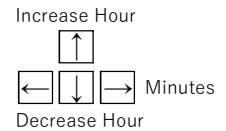
When the clock is powering up, it will first perform a display test of all LEDs. After test, it will display each zone's clock number for one second. Finally, it will display each zone's time and location.



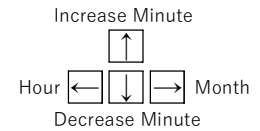
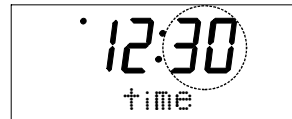
CHANGE CLOCK SETTINGS:

1. Both the Message Board and the Clock will respond on power up. In order to access Clock settings, the Clock will need to be unlocked with F1. To access a zone's settings, type in the corresponding clock number on keyboard. Clock number will display on bottom, and hours will start flashing on the time.

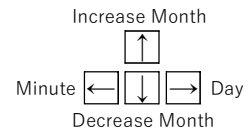
2. **HOURS:** When hours are flashing, use Up ↑ or DOWN ↓ key to change hours.



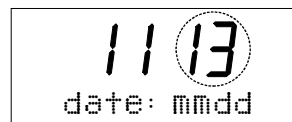
3. **MINUTES:** After Hours are set, press the RIGHT → key. Minutes will flash. Use UP ↑ or DOWN ↓ key to change minutes. (Seconds will reset to 0 when the minute is changed.)



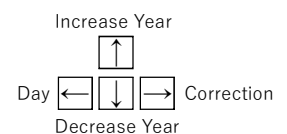
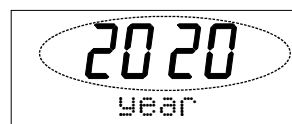
4. **MONTH:** After Minutes are set, press the RIGHT → key. The Month display will flash. Use Up ↑ or DOWN ↓ key to change month.



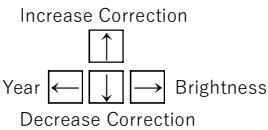
5. **DAY:** After Month is set, press the RIGHT → key. The Day display will flash. Use UP ↑ or DOWN ↓ key to change the day.



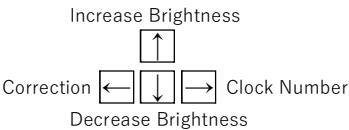
6. **YEAR:** After Day is set, press the RIGHT → key. The Year display will flash. Use UP ↑ or DOWN ↓ key to change the year.



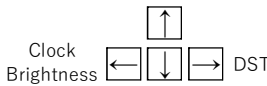
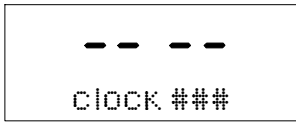
7. **OSC. CORRECTION:** After Year is set, press the RIGHT → key. The Oscillator Correction display will flash. Use UP ↑ or DOWN ↓ key to change the correction. (See Zones & DST Codes Instructions for more details).



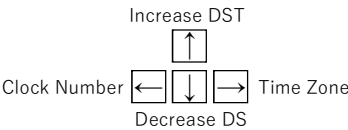
8. **CLOCK BRIGHTNESS:** After Correction is set, press the RIGHT → key. The Clock Brightness display will flash. Use UP ↑ or DOWN ↓ key to change the brightness. (Recommended maximum is 60).



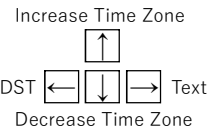
9. **CLOCK NUMBER:** After Brightness is set, press the RIGHT → key. The Clock Number will show on the bottom display. DO NOT CHANGE THIS DISPLAY.



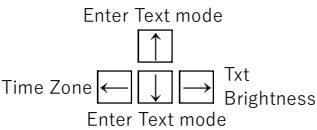
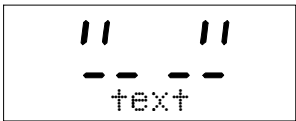
10. **DST:** After Clock Number, press the RIGHT → key. The DST code display will flash. Use UP ↑ or DOWN ↓ key to change the DST.



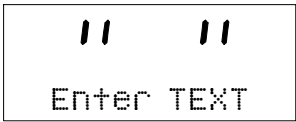
11. **TIME ZONE:** After DST is set, press the RIGHT → key. The Time Zone code display will flash. Use UP ↑ or DOWN ↓ key to change the time zone code.



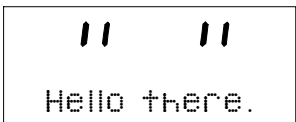
9. **TEXT :** After Time Zone is set, press the RIGHT → key. Top display will show “---” and bottom display will show “message”.



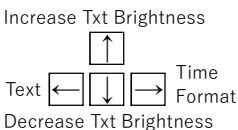
Press UP ↑ or DOWN ↓ key once. “Text” will change to “Enter TEXT”.



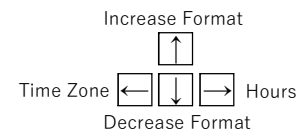
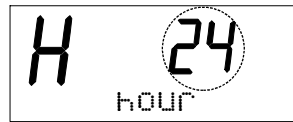
Type in the new message and press RETURN key to accept. (Maximum: 40 characters when static)



10. **TEXT BRIGHTNESS:** After Text is set, press the RIGHT → key. The Txt Brightness display will flash. Use Up ↑ or DOWN ↓ key to change the brightness. (Recommended maximum is 35).



11. **TIME FORMAT:** After Time Zone is set, press the RIGHT → key. The Time Format code display will flash. Use UP ↑ or DOWN ↓ key to change the time format code.



Press ESC key twice to return to Real Time Clock.

ESC x2
Complete Set Up.

MESSAGE BOARD DISPLAY:

For clocks with a Message Board Display, unlock the Message Board with F2 to access settings and adjust the message text, style, or brightness.

A. **MESSAGE TEXT :** Type in new message. Press LEFT ← and RIGHT → arrows to move between characters and edit in the middle of the message. Up to 40 characters for static display. Use Marquee for longer messages. Delete previous message using BACKSPACE.

B. **MESSAGE STYLE:** After Message is set, press TAB to cycle through and select message format:

- (1) Left Justify
- (2) Right Justify
- (3) Center Justify
- (4) Slow Marquee Scroll
- (5) Medium Marquee Scroll
- (6) Fast Marquee Scroll

C. **MESSAGE BRIGHTNESS:** Press ESC to increase message brightness. Press TILDE ~ to decrease message brightness. Display brightness is not permitted to go all the way down to 0.

Clock / Message Board Unlock

- F1 - Unlocks the Clock; Message board is locked.
- F2 - Unlocks the Message Board; Clock is locked.

TAB

Press Tab key once to cycle through text justifications.

- Center (default)
- Slow Scrolling
- Medium Scrolling
- Fast Scrolling
- Left Justify
- Right Justify

BACK SPACE

Hold backspace key to delete current message. Type in new message.



ESC / TILDE

Adjust Message Display Brightness.

- Esc (Increase Brightness)
- Tilde (Decrease Brightness)

ARROW KEYS

Edit message. Navigate between characters with the arrow keys.