

Owner's Manual

FX Series 313



Advanced Electronic LED Signs

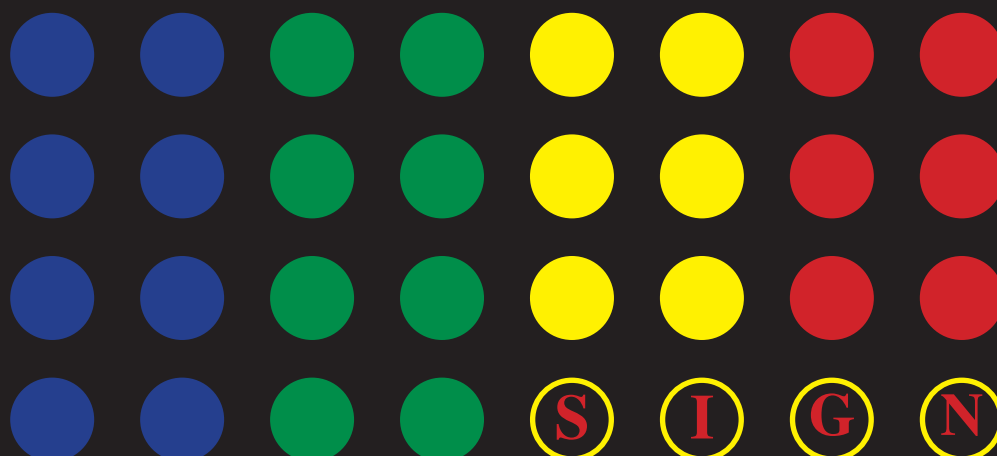


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Note: Due to continuing product innovation, specifications in this document are subject to change without notice.





Warranty

SunRise LED Inc. warrants the original purchaser that the SunRise LED display and remote will be free of defects in workmanship and materials for a period of one year from the date of purchase.

SunRise LED Inc. will without charge, repair or replace, at its option, defective product or component parts upon delivery to our service department accompanied by proof of the date of purchase in the form of a sales receipt.

The warranty does not apply in the event of any misuse or abuse of the product, or as a result of any unauthorized repairs or alterations. This warranty does not apply if the serial number is altered, defaced or removed from the sign.

The purchase price of this product does not include, from SunRise LED Inc., any on-site support, service or maintenance.

Local ordinances prohibiting the use of flashing signs may exist in some locations. Compliance with local ordinances is the sole responsibility of the customer.

To obtain warranty coverage, this product must be registered. Please complete the enclosed warranty registration card and mail it to SunRise LED Inc. 598 Patterson Blvd. Pleasant Hill, CA 94523.

How to obtain warranty service

1. Contact the distributor from whom the sign was purchased. If you do not know where the product was purchased, contact SunRise LED Inc. (800) 660-4414.
2. If the distributor cannot service the product, obtain a Return Merchandise Authorization (RMA) number through that company. An RMA number is required to obtain warranty service.
3. Fill out the Return Merchandise Authorization (RMA) Form on the following page. To obtain warranty service, this form including the RMA number must accompany the product.
4. Follow return instructions on the RMA form to return to SunRise LED Inc.

Return Merchandise Authorization (RMA) Form



RMA Number: _____
 Serial Number: _____
 Date of Purchase: _____
 Company Name: _____
 Contact Person: _____
 Address: _____

 Phone Number: _____

 Description of Problem: _____

Return Instructions

- Step 1: Obtain an RMA number from your distributor
 Step 2: Fill out this form and include proof of purchase receipt if product is under warranty.
 Step 3: Pack this form, the sign, remote control in the original carton (or a suitable replacement). Please write the RMA number on the outside of the package. Any damage to the product during shipment is the responsibility of the freight company or the owner of the sign.
 Step 4. Ship the package, postage prepaid to:
 SunRise LED Inc.
 598 Patterson Blvd.
 Pleasant Hill, CA 94523

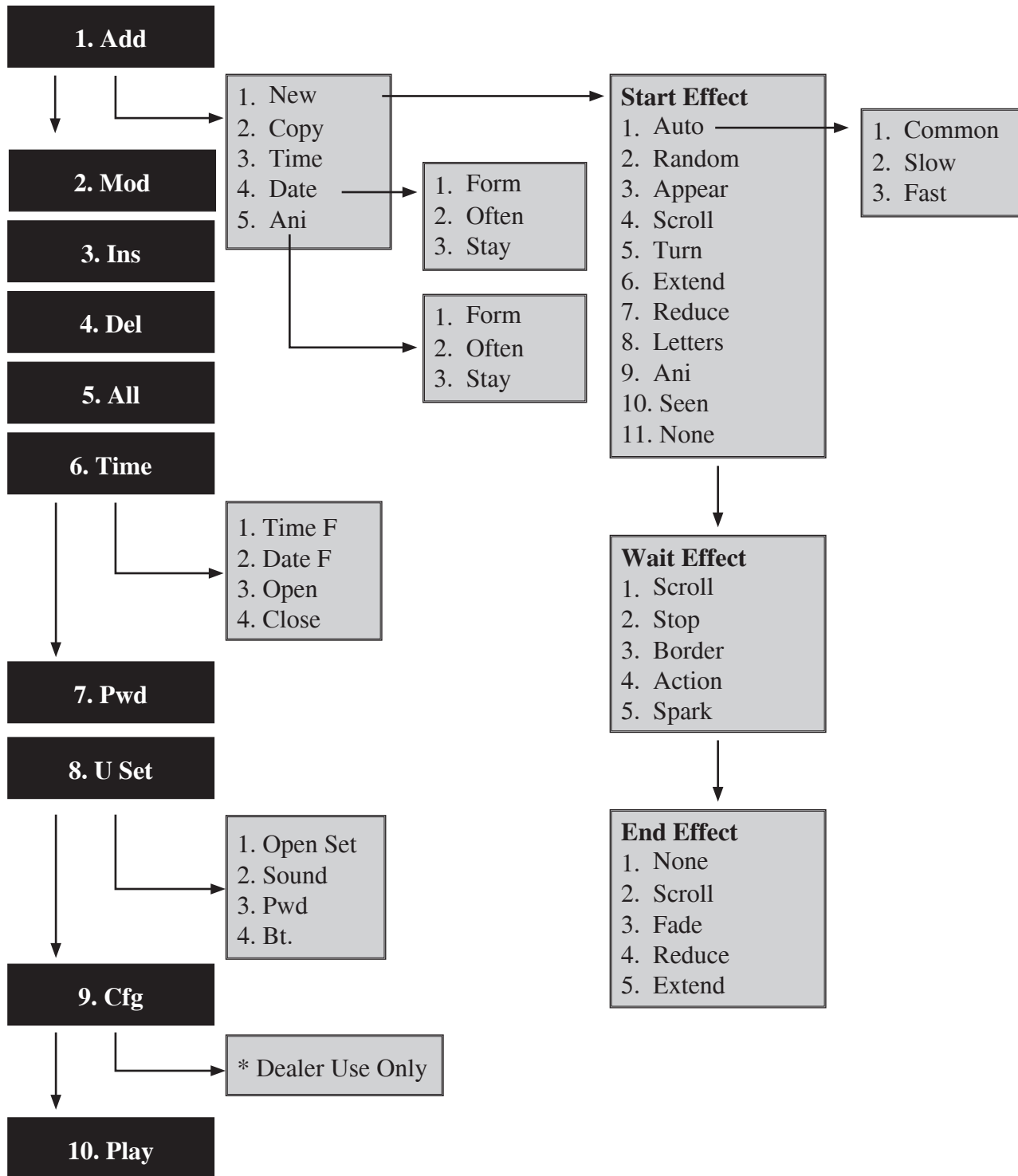
PLEASE BE SURE TO WRITE THE RMA NUMBER ON THE LABEL OF THE SHIPPING BOX.

THANK YOU.

Remote Controller Description



Menu List

**Disclosure:**

This menu list is subjected to change for different model types.

How to Use Remote Controller

- 1.) Messages are entered the same as storing phone numbers in a cell phone: press “1” to cycle through the alphabet “A-C”
- 2.) Press the cancel button to stop the current option and return to the previous screen options.

Tip! *Refer to the remote control description for other button function.*

List of LED Board Effects

Start Effect

1.) Auto	
•Common	Common Effect
•Slow	Slow Effect
•Fast	Fast Effect
2.) Random	Quick programming of random effects
3.) Appear	The message will animate onto the display
4.) Scroll	The message will scroll onto the display
5.) Turn	The message will rotate onto the display
6.) Extend	The message will appear from small to large onto the display
7.) Reduce	The message will appear from large to small onto the display
8.) Letters	The message will spell out letter by letter
9.) Animation	The message will animate onto the display
10.) Seen	The message will open or close effect
11.) None	The message will appear with no entry effect

Wait Effect

1.) Scroll	The message will scroll back/forth or up/down on the display
2.) Stop	The message will display with no desired effect
3.) Border	The message will display with a border of lights around the message
4.) Action	The message will display animation effects in your message
5.) Spark	The message will display with sparkling flashes on the message

List of LED Board Effects

continued

End Effect

1.) None	The message will not display any effect as it goes to the next message
2.) Scroll	The message will scroll off the display as it goes to the next message
3.) Fade	The message will fade off the display as it goes to the next message
4.) Reduce	The message will reduce in size off the display as it goes to the next message
5.) Extend	The message will increase in size off the display as it goes to the next message

Add Message(s)

The "1. Add" operation is used to create a new message on your LED display sign. You can input a variety of messages from letters, animation, time, date, and apply effects.

1.) New AD:

Menu → (1. Add) → Enter → (1. New) → Enter → {Type your message} → Enter → {Using the effect buttons choose "Start Effect", 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose "Wait Effect", 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose "End Effect", 1-5} → Enter → (1. Add) → Menu → (Save OK) → Enter

Tip!

Change Font / Font Color / Background Color:

After typing your text make sure the cursor is blinking behind desired text.

- Press Font <  > button to change the "Font"
- Press Font Color <  > button to change the "Font Color"
- Press Back Color <  > button to change the "Background Color"

2.) Copy AD:

Menu → (1. Add) → Enter → (2. Copy) → Enter → {Using the effect buttons choose an existing message "#. Text"} → Enter → {Edit the current message} → Enter → {Using the effect buttons choose "Start Effect", 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose "Wait Effect", 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose "End Effect", 1-5} → Enter → (1. Add) → Menu → (Save OK) → Enter

3.) Animation:

Menu → (1. Add) → Enter → (3. Ani) → Enter → {Using the effect buttons choose "Animation"} → Enter → {Using the speed buttons, choose a speed} → Enter → (Delay Time: #.#) → Enter → (1. Add) → Menu → (Save OK) → Enter



- Enters & Exists LED control functions



- Executes current function



- Moves cursor to right /left & increase / decrease effect speed



- Scroll menu & effect options

Add Message(s)

continued

4.) Time:

Menu → (1. Add) → Enter → (4. Time) → Enter → (1. Form) → Enter → {Using the effect buttons to choose desired “format”} → Enter → Scroll to (2. Often) → Enter → {Using the effect buttons to choose desired “#m”(m-minutes) to appear on display} → Enter → Scroll to (3. Stay) → Enter → {Using the effect buttons to choose desired “#s”(s-seconds) to appear on display} → Enter → (1. Format) → Menu → (Save OK) → Enter

5.) Date:

Menu → (1. Add) → Enter → (5. Date) → Enter → (1. Form) → Enter → {Using the effect buttons to choose desired “format”} → Enter → Scroll to (2. Often) → Enter → {Using the effect buttons to choose desired “#m”(m-minutes) to appear on display} → Enter → Scroll to (3. Stay) → Enter → {Using the effect buttons to choose desired “#s”(s-seconds) to appear on display} → Enter → (1. Format) → Menu → (Save OK) → Enter

Add Character(s) to Messages

The “Char” button is used to insert built in characters into your messages.

1.) New AD:

Menu → (1. Add) → Enter → (1. New) → Enter → Char (inserts character where the cursor is) → Enter → {Use the effect and speed buttons to choose “character”} → Enter → {Type your message} → Enter → {Using the effect buttons choose “Start Effect”, 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose “Wait Effect”, 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the speed buttons, choose a wait speed} → Enter → {Using the effect buttons choose “End Effect”, 1-5} → Enter → (1. Add) → Menu → (Save OK) → Enter

2.) Copy AD:

Menu → (1. Add) → Enter → (2. Copy) → Enter → {Using the effect buttons choose an existing message “#. Text”} → Enter → Char (inserts character where the cursor is) → Enter → {Use the effect and speed buttons to choose “character”} → Enter → {Edit the current message} → Enter → {Using the effect buttons choose “Start Effect”, 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose “Wait Effect”, 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose “End Effect”, 1-5} → Enter → (1. Add) → Menu → (Save OK) → Enter

 - Enters & Exits LED control functions

 - Executes current function

 - Inserts animated characters into message.

  - Moves cursor to right /left & increase / decrease effect speed

  - Scroll menu & effect options

Add Character(s) to Message(s)

continued

3.) Modify:

Menu → (2. Mod) → Enter → {Use the effect buttons to choose an existing message “#. Text”} → Enter → Char (inserts character where the cursor is) → Enter → {Use the effect and speed buttons to choose “character”} → Enter → {Edit your message} → Enter → {Using the effect buttons choose “Start Effect”, 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose “Wait Effect”, 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose “End Effect”, 1-5} → Enter → (1. “1st message”) → Menu → (Save OK) → Enter

4.) Insert:

Menu → (3. Ins) → Enter → {Use the effect buttons to choose an existing message “#. Text” to insert before it} → Enter → Char (inserts character where the cursor is) → Enter → {Use the effect and speed buttons to choose “character”} → Enter → {Type your message} → Enter → {Using the effect buttons choose “Start Effect”, 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose “Wait Effect”, 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose “End Effect”, 1-5} → Enter → (1. “1st message”) → Menu → (Save OK) → Enter

Modify Message(s)

The “Modify” operation is used to edit an existing message on your LED display sign. You can change the entire look and feel of that particular message.

Menu → (2. Mod) → Enter → {Use the effect buttons to choose an existing message “#. Text”} → Enter → {Edit your message} → Enter → {Using the effect buttons choose “Start Effect”, 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose “Wait Effect”, 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose “End Effect”, 1-5} → Enter → (1. “1st message”) → Menu → (Save OK) → Enter

Insert Message(s)

The “Insert” operation is used to add a new message on your LED display sign before an existing one.

Menu → (3. Ins) → Enter → {Use the effect buttons to choose an existing message “#. Text” to insert before it} → Enter → {Type your message} → Enter → {Using the effect buttons choose “Start Effect”, 1-11} → Enter → {Using the speed buttons, choose a start speed} → Enter → {Using the effect buttons choose “Wait Effect”, 1-5} → Enter → (Delay Time: #.#) → Enter → {Using the effect buttons choose time} → Enter → {Using the effect buttons choose “End Effect”, 1-5} → Enter → (1. “1st message”) → Menu → (Save OK) → Enter

Delete One Message

The “Delete One” operation is used to remove a message on your LED display sign.

Menu → (4. Del) → Enter → {Use the effect buttons to choose an existing message “#. Text”} → Enter → (Delete ?) → Enter → (#. “message”) → Menu → (Save OK) → Enter

Delete All Messages

The “Delete All” operation is used to remove all messages on your LED display sign.

Menu → (5. All) → Enter → (Delete ?) → Enter → (#. “message”) → Menu → (Save OK) → Enter

Time Set

The “Time Set” operation is used to set the internal clock and date system on your LED display sign; as well as setting up the “ON” and “OFF” time to the display.

1.) Time F:

Menu → (6. Time) → Enter → (1. Time F) → Enter → {Use the effect and speed buttons to set current time} → Enter → (1. Time F) → Menu → (Save OK) → Enter

2.) D. Format:

Menu → (6. Time) → Enter → (2. Date F) → Enter → {Use the effect and speed buttons to set current date} → Enter → (2. Date F) → Menu → (Save OK) → Enter

3.) Open:

Menu → (6. Time) → Enter → (3. Open) → Enter → {Use the effect and speed buttons to set the display “ON” time} → Enter → (3. Open) → Menu → (Save OK) → Enter

4.) Close:

Menu → (6. Time) → Enter → (4. Close) → Enter → {Use the effect and speed buttons to set the display “OFF” time} → Enter → (4. Close) → Menu → (Save OK) → Enter

Password

The “Password” operation is used to set a secure password on your LED display sign. Which will prohibit any unauthorized use of the sign.

Menu → (7. Pwd) → Enter → {Type your “password”} → Enter → (1. Add) → Menu → (Save OK) → Enter



- Enters & Exists LED control functions



- Executes current function



- Moves cursor to right /left & increase / decrease effect speed



- Scroll menu & effect options

User Set

The “User Set” operation is used to set the various options for your LED display sign.

“O” - Activate Option

“X” - Deactivate Option

1.) Open:

Menu → (8. U Set) → Enter → (1. Open) → Enter → {Use the speed buttons to activate/deactivate the “Open” and “Close” options} → Enter → (1. Open) → Menu → (Save OK) → Enter

2.) Sound:

Menu → (8. U Set) → Enter → (2. Sound) → Enter → {Use the speed buttons to activate/deactivate the “Sound” option on your LED display} → Enter → (2. Sound) → Menu → (Save OK) → Enter

3.) Pwd:

Menu → (8. U Set) → Enter → (3. Pwd) → Enter → {Use the speed buttons to activate/deactivate the “Password” option on your LED display} → Enter → (3. Pwd) → Menu → (Save OK) → Enter

4.) BT. (Brightness):

Menu → (8. U Set) → Enter → (4. Bt.) → Enter → {Use the effect buttons to increase/decrease the “Brightness” on your LED display} → Enter → (4. Bt.) → Menu → (Save OK) → Enter

Play Message(s)

The “Play” operation is used to activate / deactivate a message(s) on your LED display sign.

“O” - Activate Option

“X” - Deactivate Option

Menu → (10. Play) → Enter → {Use the effect buttons to choose the “message” on your LED display} → Enter → {Use the speed buttons to activate/deactivate the “message” on your LED display} → Enter → (10. Play) → Menu → (Save OK) → Enter

Thank you for purchasing our FX series. For other products including the Full color version, please visit us at www.sunriseled.us



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