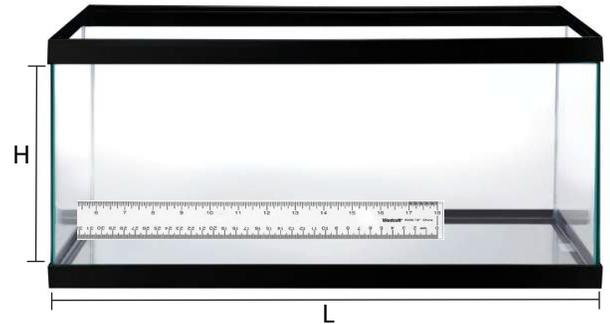**STEP 1 - Background Film and Background LED Light Installation**

BEFORE INSTALLATION: The only tools required for basic installation are a pair of scissors and clear tape.

STEP 1: MEASURE

Unroll and flatten Background Film. Measure length (L) and height (H) of glass aquarium panel* (glass only, don't include the plastic frame), and lightly mark cutting lines using a pencil.

*If you have a standard rectangular/cube tank, the front panel is the same size as the back panel. For bowfront or corner aquariums, you will need to measure the actual back glass panel.
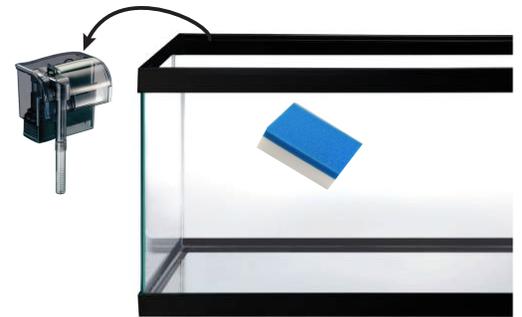
STEP 2:
CUT-TO-SIZE

Using sharp scissors, carefully cut Background Film to size. You can also use a razor blade and straight edge for cutting/trimming.

STEP 3:
CLEAN GLASS PANEL

Remove any hang-on filters or other accessories from back of aquarium. Use a cloth/sponge and freshwater (NO SOAP or CHEMICALS) and clean back glass panel. Dry with cloth towel.

(For the best lighting effects, it's also a great time to clean the inside of your tank glass and remove any algae!)

STEP 3:
ATTACH with TAPE

Starting at one side of aquarium, attach Background Film to back glass panel (textured side facing in, smooth glossy side facing out) using clear tape. Unroll material, covering entire back glass panel, tape edge on other side of aquarium. Ensure material is tight against glass.
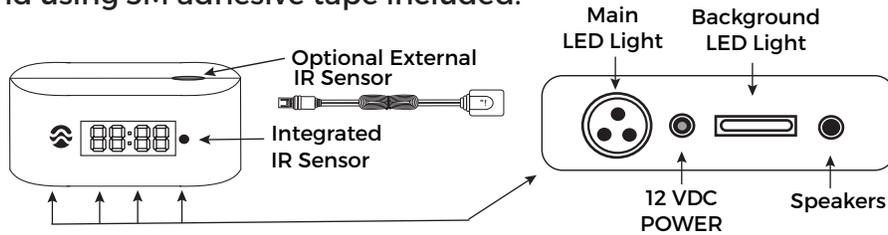
STEP 4:
ATTACH BACKGROUND LED LIGHT

Moisten suction cups, position Background LED light in desired location, and press firmly to attach to aquarium. We recommend mounting it to the bottom or top of plastic aquarium frame.*
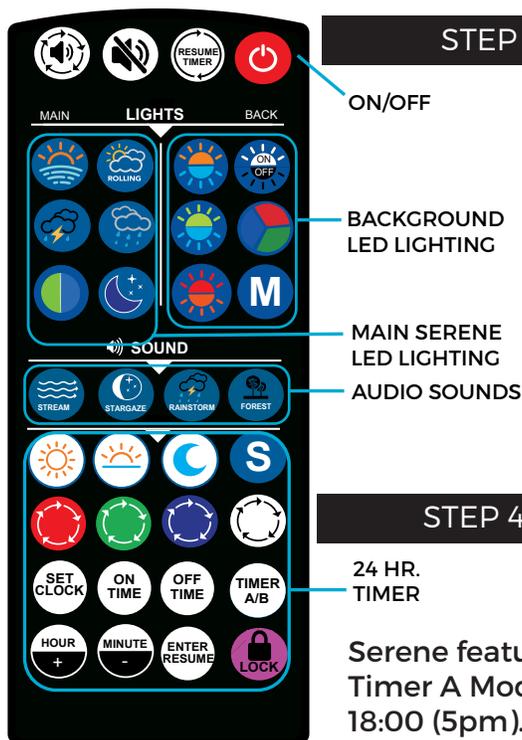
*NOTE: For Rimless Aquariums and other mounting locations and installation videos, please visit: www.current-usa.com/serene-led-guide

1. Choose a cabinet stand location (on or under) that is free of excessive moisture and will allow for direct line of site for IR sensor* (external sensor is included if required).

2. Connect all lighting, power and speaker cables. Place controller in clear protective case and mount to stand using 3M adhesive tape included.

Optional External IR Sensor

Integrated IR Sensor

Main LED Light

Background LED Light

12 VDC POWER

Speakers

3. Position audio speakers on each side of stand or attach to stand using velcro tape.
4. Plug-in 12VDC power supply into a GFCI approved outlet ensuring a drip loop for all cables.

STEP 3 - Exploring Serene

ON/OFF

BACKGROUND LED LIGHTING

MAIN SERENE LED LIGHTING

AUDIO SOUNDS

Before getting into the details, we recommend exploring the Serene LED remote and all it's cool effects!

1. Remove plastic battery tab at bottom of remote.
2. Press the main power key to turn lights ON.
3. To see the Serene LED Light programs, press any key in the MAIN LIGHT area.
4. To see any of the Background LED fade effects, press any key in the BACK LIGHT area.
5. To listen to Serene, ensure volume control on back of speakers is turned up, press any key in the SOUND area.

STEP 4 - Programming 24 HR. Timer

24 HR. TIMER

Serene features a pre-programmed default lighting schedule in Timer A Mode with an ON TIME of 07:00 (7am) and OFF TIME of 18:00 (5pm).

1. Program 24:00 hour clock - Press SET CLOCK, adjust using HOUR+/MINUTE- keys until current time is displayed, then press ENTER.
2. To change ON time, press ON TIME, adjusting using HOUR+/Minute- keys until desired ON TIME is displayed, then press ENTER.
3. To change OFF time, press OFF TIME, adjusting using HOUR+/Minute- keys until desired OFF TIME is displayed, then press ENTER.
4. To change the daily lighting scene to be displayed:
    - Press the S key, "S-CS" will show on controller display.
    - Press desired MAIN lighting program
    - Press desired BACKGROUND lighting program
    - Press desired SOUND program (audio can also be turned off via remote or speaker)
    - Press ENTER

NOTE: Feel free to press any of the on-demand programs at any time. To go back into the Timer Mode - simply press the RESUME key at the top of the remote!

FOR MORE INSTRUCTIONS, including programming TIMER B Mode, visit: www.current-usa.com/serene-led-guide