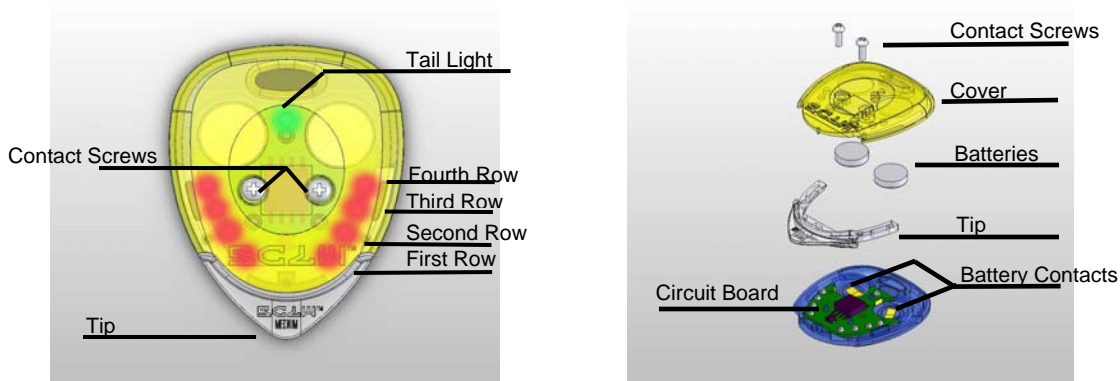


Santa Cruz Light Wells, Inc. Light Pick™ Metronome Series User's Manual

Welcome to the Light Pick™

Playing the guitar will never be the same again. The Light Pick™ creates a dynamic interaction between performer, instrument and audience. The Light Pick™ uses state-of-the-art technology and materials designed to enhance player performance and comfort. The Light Pick™ is a metronome and a pick, all in one. It is a valuable tool for on-stage musicians, as well as music teachers and students. The Light Pick™ can be used for guitars and other stringed instruments.

Light Pick™ Overview



The Light Pick™ consists of a tip, four rows of light displays (the first row being closest to the tip), two contact screws, and a tail light.

Battery Installation/Replacement

To replace or install the Light Pick™ batteries:

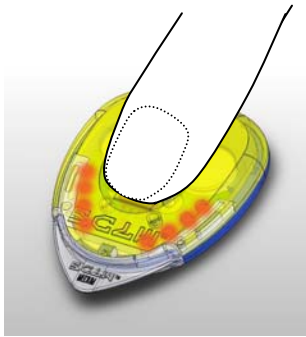
1. Unscrew the two contact screws and remove the cover gently.
2. Remove the old batteries, if any, carefully without disturbing the circuit board. Place an Energizer® 362/361 battery in each of the two holders.
3. Once the batteries are in place, align the cover with the body and screw it into place without over-tightening the contact screws.
4. You may reset your Light Pick™ at any time by removing and re-installing the batteries

Configuring the Light Pick™

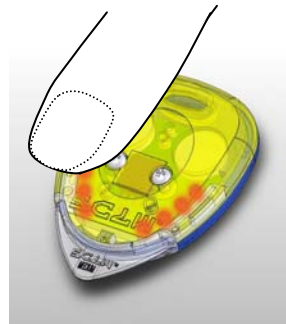
The Light Pick™ has three modes of operation:

1. **Blink Mode** is primarily used as a visual light display. The lights flash according to the tempo that you set.
2. **Metronome Mode** is used to set the tempo, as well as the number of beats per measure. The lights will flash accordingly.
3. **Hold Mode** is used to hold the configured setting. Once in hold mode, the Light Pick™ will turn off if you set it down.

The key to configuring your Light Pick™ is tapping the contact screws gently, and releasing. The contact screws not only secure the pick cover to the base, but also complete the circuit when tapped, allowing you to configure the Light Pick™ according to the desired mode. Each time you tap the Light Pick™, the tail light will flash.



Tap/Press



Release

When you first power on, it is in "blink" mode with a rate of 480 beats per minute. To enter configuration mode, you tap the button 3 times. A tap is created by pressing and releasing the button in less than 1 second.

There are 4 steps to configuration:

1) Set Mode -> 2) Set Beats per Measure -> 3) Set Rate -> 4) Hold Mode
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1). The first configuration step is to choose "blink" or "metronome" modes. Tap the button to toggle between the two. "Blink" is indicated by the pair of LEDs at the top row blinking. "Metronome" is indicated by the second row of LEDs blinking.

Save that configuration by pressing and holding until it flashes. This advanced to the next configuration step.

2). For "metronome" mode, the second configuration step will be to configure the number of beats per measure. Beats per measure is from 2 to 8. The LEDs illuminate in a binary pattern to indicate how many beats there are per measure. The value assigned to the LED pairs from tip to tail are:

- Row 1: 1
- Row 2: 2
- Row 3: 4
- Row 4: 8

So, if row 1 and row 3 are blinking, you are configured for $1+4=5$ beats per measure. The default is row 3 blinking, or 4 beats per measure. Press the tap once to get the beats per measure that you want.

Save the beats per measure by pressing and holding until the LEDs flash.

For "blink" mode, there is no second configuration step.

3). Thirdly, the rate must be configured. In this mode, the LEDs flash starting with row 1 through row 4 then back to row 1. Tap the Light Pick™ twice to set the tempo. The duration of time between the two taps determines the speed of your desired tempo, and the Light Pick™ will replicate the last two beats.

4). Finally, press and hold the button to save the rate. The pick will exit configuration mode and will either blink or do the metronome function. If it is in metronome mode, all 8 LEDs will flash on count 1. If in blink mode, the LEDs cycle 1-2-3-4-1-2-3-4 continuously.

The tail light on the Light Pick™ is used to indicate when the finger is detected only. If you are having troubles with the button detecting your finger, moisten your finger using lotion or on the tip of your tongue. If your finger is too dry, the circuit will not be able to detect it. The circuit relies on the conductivity of your finger to operate.

Automatic Power-Off

When the Light Pick™ is in **Hold Mode**, it will automatically turn off when your thumb is removed from the contact screws for more than 16 seconds. Make sure you're not in configuration mode. See trouble-shooting.

Tip Installation/Replacement

It is recommended that you replace the tip often for optimal sound and performance. Tips are available for purchase through our website: <http://www.SCLW.net>. Tips are available in light, medium, heavy, and extra heavy gauges.

To replace or install the tip:

1. Unscrew the two contact screws and remove the cover gently.
2. If you are replacing the tip, remove the old one carefully without disturbing the batteries or the circuit board.
3. Place the new tip Light Pick™ in the base with the SCLW™ logo face down by aligning the small, circular openings, located in the tip's two extension arms, with the small pegs located in the base. Snap it into place.
4. Once the tip is in place, align the cover with the body and screw it into place without over-tightening the contact screws.

Care for Your Light Pick™

Proper care for your Light Pick™ ensures that it will continue to function properly. The following guidelines are recommended:

- Handle the circuit board with care and do not bend. See the warnings and instructions on avoiding electrostatic discharge.
- Cleaning your hands before use, and wiping the heads of the contact screws can improve the touch-response and operation of the Light Pick™.
- Change the tip often for optimal sound and performance.
- Keep the Light Pick™ stored in a cool dry place.

Trouble-Shooting

1. In the event that the Light Pick™ fails to start, try any or some of the following steps:
 - Clean your hands or slightly dampen your fingers with water before use.
 - Make sure the batteries are properly in place and that the cover is properly aligned with and secured to the base.
 - Clean or wipe the heads of the contact screws.
 - Change the batteries.
2. If you can't turn off the Light Pick™, make sure you're out of configuration mode. To make sure you are out of configuration mode:
 1. Press and hold for 1 second > release
 2. Press and hold for 1 second > release
 3. Press and hold for 1 second > release


This way, if you happen to be in configuration mode, you advance through the states back to Normal mode. Then set the Light Pick™ down and it will shut off by itself.


3. If the casing cracks or the Light Pick™ is otherwise physically damaged, visit our website for more information about replacing damaged parts: www.sclw.net

Limited Warranties

Please see limited warranty policy on website at www.sclw.net.

Warnings

 **KEEP OUT OF REACH OF CHILDREN – CHOKING HAZARD; SMALL PARTS.** Small children should not handle the Light Pick™ or its parts without proper adult supervision.

 **AVOID ELECTROSTATIC DISCHARGE (ESD).** Static electricity builds up on your body as you walk around. You experience an electrostatic discharge (ESD) when you touch an object and feel a shock or see a spark. ESD can cause damage to the Light Pick's™ circuit board. To avoid ESD when touching the circuit board, you can wear an anti-static wristband, available at most electronics stores. If you do not have a wristband, touch a grounded, unpainted or bare metal surface before handling the circuit board.

Contact Us

Santa Cruz Light Wells, Inc.
335 Pennsylvania Ave
Santa Cruz, CA 95062
831-429-8437
Service@sclw.net
<http://www.sclw.net>