# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>About The MiniBurst 504 LED Lighting System</td>
<td>2</td>
</tr>
<tr>
<td>Package Contents</td>
<td>2</td>
</tr>
<tr>
<td>MiniBurst Controllers &amp; Connectors</td>
<td>5</td>
</tr>
<tr>
<td>Charging the Battery</td>
<td>6</td>
</tr>
<tr>
<td>Operating Your MiniBurst Lighting System</td>
<td>6</td>
</tr>
<tr>
<td>Technical Data/Specifications</td>
<td>7</td>
</tr>
<tr>
<td>Cleaning Instructions</td>
<td>7</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>7</td>
</tr>
<tr>
<td>Safety Precautions &amp; Warnings</td>
<td>8</td>
</tr>
<tr>
<td>Replacement Parts &amp; Accessories</td>
<td>9</td>
</tr>
<tr>
<td>Return Policy &amp; Limited Warranty</td>
<td>10</td>
</tr>
</tbody>
</table>
Congratulations on your purchase of this Digital Juice Gear MiniBurst 504 portable light-emitting diode (LED) lighting instrument. Please read these instructions carefully before using the unit. Follow the procedures described, in order to optimize the lifespan and functionality of the components of this Digital Juice Gear product.

Check to see that the following components are included in the packaging:

a. **Hotshoe Swivel Mount:**
The hotshoe swivel mount (1) allows for easy mounting of the Digital Juice MiniBurst 504 LED Light to the shoe mount on most still and video cameras.

b. **Deluxe Carry Bag:**
This stylish carry bag (2) protects the MiniBurst 504 and all its accessories during transport and storage. It includes a detachable padded shoulder strap as well as a top padded carry handle.
c. Diffusion & Color Warming Filters:
These filters help you match tungsten light sources and diffuse light when necessary. They easily mount to the light via magnetic snap-on posts. The warming filter (3) is used to match the daylight balanced LED to warmer tungsten fixtures, while the diffusion filter (4) helps to soften and spread the light.

d. AC Adapter (18V 4.5A) and Integrated Battery Charging System:
MiniBurst 504 lights can be plugged directly into a standard AC outlet using the included 18v AC Adapter (5) to power the unit for longer shoots. The integrated battery charging system means there is no need for a separate charger—the battery automatically charges in around 3 hours when AC power is connected to the light.

e. Two 2600mAh 14.8V Li-ion Battery Packs:
The MiniBurst 504 can run for hours on the 2 included 2600mAh Lithium-ION rechargeable batteries (6) so you can travel far from an available power source without worrying about missing a shot.
f. **Digital Juice MiniBurst 504 Light Fixture:**
This daylight-balanced on-camera LED light (7) features 504 cool-running, yet powerful, 5mm bulbs that produce flicker-free illumination at any shutter angle. The aluminum construction and vertical cooling fins on the light (8, 9) protect it during field use, as well as helping to dissipate heat away from the circuitry and LED bulbs for improved performance and longer life.

d. **Standard ¼”-20 Mounting & Accessory hole (15):**
The ¼”-20 mounting hole on the bottom of the light allows for the lights to be attached to the included hotshoe swivel mount (16) or optional ball-head light stand mount for use with a variety of industry-standard mounting platforms such as articulating arms, shoe mounts, mini clamps, tripods, light stands & more.

b. **OLED Display (11,12):**
Displays the available charge left on your battery so you do not get caught with a dead battery in the middle of a shoot. It also displays the dimmer’s intensity setting so you can easily and consistently return to it after each take.

c. **DC Power In (13,14):**
The 18v AC power supply adapter (5) connects to this port.

a. **Power Switch & Dimmer Knob (10):**
When pushed, this knob turns the LED light on. When turned, this knob adjusts the light output infinitely from 1% to 100% with no shift in color temperature. The exact dimming percentage is displayed in the OLED display on the back of the light (11). Pressing and holding the knob for 3 seconds turns the light unit off.
e. **Battery Plate & Integrated Charging System (17):** This is where one of the two provided 2600mAh Lithium-ION rechargeable batteries (6) is mounted (18), for portable use and for charging when the unit is connected to a power outlet. The battery release button (19) allows you to easily remove and replace the battery.
Charging the Battery

The battery supplied in the Digital Juice MiniBurst 504 package is not completely charged on delivery. The battery must be charged for 4-6 hours before its first use. There may be an additional burn-in period before rapid charging takes place.

a. Plug the battery pack (6) into battery plate (17) on the back of the light.

b. Attach the provided 18V DC adapter (5) to the light (14) and plug it in to an available electrical outlet.

**NOTE:** The light does not need to be powered ON for the battery to charge. When light power is turned OFF, the unit is in Standby mode. If light is not to be used for a long time, please remove battery from the device.

c. With the light powered on, you can follow the charging progress by looking at the OLED display on the back of the light, which displays the current battery charge state (20).

Operating Your MiniBurst 504 Lighting System

a. Attach the LED light fixture to the desired mounting location using the included hotshoe swivel mount or optional ball-head light stand mount or any other ¼”-20 mounting accessory.

**Caution:** When attaching any ¼”-20 threaded stud to the mounting and accessory hole on the MiniBurst 504 light (16), do not use excessive force, pliers or any other tools, as there is a limited depth available to accept the ¼”-20 threaded stud and you could cause damage to your light which would void your warranty.

b. Attach one of the included 2600mAh Lithium-ION rechargeable battery packs (6) to the battery plate (17,18) on the back of the light or plug the included AC power supply adapter (5) into the DC Power In (13,14) on the bottom of the light to power it.

c. Power the light ON by pressing the power switch/dimmer knob (10). Turn the power switch/dimmer knob to control the intensity of the light. Turning the dimmer knob in a clockwise direction will increase the intensity and turning it counter-clockwise will decrease the intensity of its output. The OLED display to the left of the power/dimmer knob displays the dimmer’s intensity setting (11, 20) so you can easily and consistently return to it after each take.

d. Install either the Warming (3) or Diffusion (4) filter (if needed). These filters easily mount to the light via magnetic snap-on posts. (8, 21) The warming filter is used to match the daylight balanced LED to warmer tungsten fixtures, while the diffusion filter helps to soften and spread the light.
<table>
<thead>
<tr>
<th>MODEL</th>
<th>504</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>&gt;3000 LM</td>
</tr>
<tr>
<td>LED Size</td>
<td>5 mm</td>
</tr>
<tr>
<td># LEDs</td>
<td>504</td>
</tr>
<tr>
<td>Life Span</td>
<td>&gt;50,000h</td>
</tr>
<tr>
<td>Color Temp.</td>
<td>5500K±200</td>
</tr>
<tr>
<td>Color Rendering Index (Ra)</td>
<td>&gt;90</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>60° Flood</td>
</tr>
<tr>
<td>Stackable</td>
<td>No</td>
</tr>
<tr>
<td>Battery Type</td>
<td>2600mAH 14.8V Li-ion</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>13-18V DC</td>
</tr>
<tr>
<td>Construction</td>
<td>Aluminum</td>
</tr>
<tr>
<td>Size HxWxD</td>
<td>4.625” x 8.875” x 1.625”</td>
</tr>
<tr>
<td></td>
<td>(117.5 x 225.4 x 41.3mm)</td>
</tr>
<tr>
<td>Weight (Battery Excluded)</td>
<td>24oz/680.4g</td>
</tr>
<tr>
<td>Weight (Battery Included)</td>
<td>30oz/850.5g</td>
</tr>
</tbody>
</table>

Care should be taken when cleaning your Digital Juice MiniBurst 504 lights. Use a dry microfiber cleaning cloth to wipe dust from the housing and the LED lights. If your lights become excessively dirty, you can use a lightly moistened microfiber cleaning cloth to wipe the aluminum housing, after first ensuring that the lights are disconnected from any power source. Use of any chemical cleaning solution or detergent on the MiniBurst lights or accessories is not recommended.

**PROBLEM**
The unit is turned on, but the LED lights do not light up.

**SOLUTIONS**
- Make sure the light is properly connected to the battery or AC adapter.
- Charge the battery.

**PROBLEM**
Power to the battery being charged on the integrated charging system is interrupted before the end of the charge cycle (such as due to a power outage).

**SOLUTION**
- As soon as the power has been restored, the charge cycle will start again.
a. To avoid the risk of permanent eye damage, do not look directly into the light or aim the light directly into another person’s eyes.

b. The light and the battery must be used exclusively for the purpose described.

c. Under no circumstances should you open the housing of the charger or the light. Never take the devices apart or undertake modifications. Misuse of the battery can cause the battery to become hot, explode, or ignite and may cause serious injury. Make sure that the following safety precautions are expressly followed:
  • Never open the light unit.
  • Never make any changes/modifications to the battery or light.
  • Do not expose the battery or light to fire or severe heat (over 158°F or 70°C).
  • Do not short circuit (do not connect via a conductor or reverse polarity).
  • Protect from fluids and damp environments.
  • Do not use the device if damaged.
  • Maintain storage and operational temperature of 32°F - 95°F (0° - 35°C).

d. Do not use the light or charger units if the housing or plugs are damaged.

e. If you determine that the light unit or battery is excessively hot, emits an odor, or changes color or shape, turn it off immediately and disconnect from any power source. The device should not be used again and should be immediately returned to Digital Juice.

f. Do not store within reach of children.

g. Use only the supplied AC adapter or 2600mAh Lithium-ION rechargeable battery pack to power your light. Normal SONY F series batteries on the market can NOT be used interchangeably with the provided 2600mAh Lithium-ION rechargeable battery pack.

h. The 2600mAh Lithium-Ion battery provided in this kit should be used ONLY with the MiniBurst 504 light unit. Please do not try to use it on other devices, in order to avoid damage to the other devices.

g. This product should not be treated as household waste. It is made of recyclable materials and should be disposed of in accordance with local and state regulations.

h. The shipped version of this device complies with the requirements of ECC directives 89/336/ECC and 73/23/ECC.

i. When light is attached to a power source via the supplied AC adapter, either while the unit is in use or in Standby mode, please remove the battery pack from the device except when you are charging the battery on the integrated battery charging system. Also remove the battery pack from the unit if light is not to be used for a long time.
The Digital Juice MiniBurst 504 lighting system is designed to be maintenance free and there are no user-serviceable parts on the light fixtures or accessories. If your light becomes broken or damaged, please do not attempt to replace or repair the housing or any of the internal parts.

Replacement and additional compatible batteries as well as several mounting accessories compatible for use with the MiniBurst 504 lights are all available on the website at gear.digitaljuice.com

- 7” (23) & 11” (22) DJ Gear Articulating Arms with Shoe Adapter
- MiniBurst Light Stand Mounting Kit (24) which allows you to easily attach the MiniBurst 504 light to the top of any standard light stand in a studio setup.
- 2600mAh Lithium-Ion rechargeable battery pack for the MiniBurst 504 (25)
- The DJ Gear Suction Mount Series Articulating Arm (26) and Suction Mount Series Baby Pin (27).
Unless otherwise noted this warranty agreement is the only warranty agreement between the parties. This agreement states the limits and association of risk between the two parties. By use of the Product and accessories the customer acknowledges understanding of this warranty and agreement and binding to the terms contained within.

Return Policy

• 30-day money back excluding shipping.

• A receipt dated within 30 days of purchase.

• All returns must be new, unused, and contain all original packaging, labels and accessories.

• The original product must be returned inside your shipping box.

• DJ suggests using a carrier that provides tracking and insurance. DJ is not responsible for lost shipments.

Warranty

Digital Juice, Inc. warrants all Digital Juice products purchased new by original owner to be free from defects in the material and workmanship under normal use for a period of 12 months from the date of purchase. Warranty is void when misuse or neglect is the cause. THIS WARRANTY IS VALID ONLY IN THE UNITED STATES AND CANADA.

Legal Indemnification

No other express warranty or guaranty, except as mentioned above, given by any person or entity with respect to Digital Juice products shall bind Digital Juice, Inc. This warranty supersedes all other warranties expressed or implied. NO IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLY TO DIGITAL JUICE PRODUCTS AND ARE HEREBY DISCLAIMED.

In the event of a possible warranty claim, the defective product must be returned to Digital Juice, Inc (hereafter “Digital Juice”). If proven to be defective upon inspection, it will be exchanged for a new or comparable rebuilt product, as determined by Digital Juice and shipped back to the original purchaser. All shipping costs are the responsibility of the customer. Warranty replacement shall not extend the original warranty period of the defective Digital Juice Product.
The customer’s remedies with respect to defective Digital Juice Product and accessories shall be exclusively limited to the repair or replacement remedy as above provided and in no event shall Digital Juice be liable for loss of profits, revenues, savings, inconvenience, associated costs, expense for equipment or service, use of capital, facilities, services, storage charges, damage to property, or any other special, incidental or consequential damages caused by the use or misuse of, or inability to use, the Digital Juice Product or accessories, regardless of the legal theory on which the claim is based, and even if Digital Juice has been advised of such damages. In no event shall recovery of any kind against Digital Juice be greater in amount than the purchase price of the Digital Juice product sold by Digital Juice and causing the alleged damage.

Without limiting the foregoing, the purchaser assumes all risk and liability for loss, damage or injury to persons, animals or property arising out of use or misuse of, or inability to use, the Digital Juice Product and accessories. Digital Juice is not liable for third party claims. This limited warranty shall not extend to anyone other than the original purchaser of the Digital Juice product, or the person for whom it was purchased as a gift, and states your exclusive remedy. In no event shall Digital Juice be liable for incidental or consequential damages to the full extent such may be disclaimed by law.

Unless otherwise noted this warranty agreement is the only warranty agreement between the parties. This agreement states the limits and association of risk between the two parties. By use of the Product and accessories the customer acknowledges understanding of this warranty and agreement and binding to the terms contained within.