Cordless Riveter

**R1B1/R1B2**

### Riveter Specifications
- At the time battery pack BPL1415 is installed.

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Length (L)</th>
<th>Height (H)</th>
<th>Frame Head Diam. (D)</th>
<th>Width (W)</th>
<th>Weight</th>
<th>11</th>
<th>Stroke</th>
<th>Jaw</th>
<th>Compatible Rivets</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1B1</td>
<td>268</td>
<td>250</td>
<td>23.0</td>
<td>90</td>
<td>2.0</td>
<td>33</td>
<td>22</td>
<td>Ultra jaw L</td>
<td>4.8, 6.4, 8.4, 10.4</td>
</tr>
<tr>
<td>R1B2</td>
<td>268</td>
<td>250</td>
<td>23.0</td>
<td>90</td>
<td>2.0</td>
<td>33</td>
<td>22</td>
<td>Ultra jaw L</td>
<td>4.8, 6.4, 8.4, 10.4</td>
</tr>
</tbody>
</table>

- 3.2 / 4.8mm rivets can be used if optional parts are attached.
- 6.4mm stainless steel rivets cannot be used.

### Package Items

<table>
<thead>
<tr>
<th>Model</th>
<th>Package Item</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1B1</td>
<td>Riveter, battery pack (BPL1415), charger (BC0075G), special case</td>
<td>(230V: 8848, 120V: 8846)</td>
</tr>
<tr>
<td>R1B2</td>
<td>Riveter, battery pack (BPL1415), charger (BC0075G), special case, mouthpiece (4.8, 6.4), side use wrench</td>
<td>(230V: 8856, 120V: 8852)</td>
</tr>
<tr>
<td>R1B1-C</td>
<td>Contact the place of purchase or your nearest &quot;LOBSTER&quot; dealer for the price of R1B1-C and detailed specifications</td>
<td>(230V: 8876, 120V: 8872)</td>
</tr>
</tbody>
</table>

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**Battery Pack Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Voltage Rating</th>
<th>Capacity</th>
<th>Charging Time (min)</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPL1415</td>
<td>Li-ion</td>
<td>14.4 V DC</td>
<td>1.5 Ah</td>
<td>Full Charge: 60 min</td>
<td>8860</td>
</tr>
<tr>
<td>BPL14</td>
<td>Li-ion</td>
<td>14.4 V DC</td>
<td>3.0 Ah</td>
<td>Charge for Practical Use: 45 min</td>
<td>8856</td>
</tr>
</tbody>
</table>

**Charger Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC0075G</td>
<td>100–240 V AC</td>
<td>(120V: 8930, 230V: 8935)</td>
</tr>
</tbody>
</table>

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**Caution for secure usage**
- Be sure to read the enclosed Instruction Manual carefully and make sure that you understand them thoroughly before using this tool.
- All dimensions are nominal and subject to tolerances.
- Specifications are subject to change without prior notice.

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**R1B2 accompanying items**

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**A high-power model in correspondence with high-strength blind rivets!**
It is not only innovative but also more powerful.
— another new model R1B2 in the series of our high-performance cordless riveter is coming out.

### Product Identity

**Energy-saving environmental friendliness**
Installs seven times more rivets than possible with conventional model on a single charge. The R1B1 and R1B2 consumes only one forty-fifth of the power consumed by an air riveter thanks to a lithium-ion battery and energy-efficient power transmission system. (※2) This riveting tool installs 560 rivets on a single charge. (※1)

**The smallest size and compact body in its class**
Lobtex' s unique motor layout realizes more compact body. Moreover, shorter distance between Trigger and riveting section ensures ease of setting a rivet and even excellent operability.

**Functionality and aesthetic design**
Easy-to-grip, well-balanced design in a fine innovative form the R1B1 and R1B2, the work of product designer Toshiyuki Kita, is implemented in an aesthetically pleasing form with functionality kept strongly in mind. The handle offers a user-friendly grip and is shaped to provide a well arranged weight balance for reduced user fatigue.

### Energy-efficient power transmission system
A ball screw that converts rotations efficiently to linear motions and planetary gear that transmits large torques are incorporated to ensure efficient energy transmission and smooth riveting.

### High Speed Riveting
Achieves 1.5-second cycle time, placing it in the industry’s fastest class of cordless riveters. Being substantially faster than previous models, the R1B1 and R1B2 helps make your factory “cordless”. (※1)

### Handling
Ease of handling offers less user fatigue after long hours of work
The cordless design gives exceptional ease of operation. The handle is installed at an angle for positioning the tool toward the riveting point with ease. In addition, the ‘tool’ s excellent weight balance causes less wrist fatigue after long hours of work. The grip-assist elastomer ensures reliable non-slippery grip for use with gloves.

### R1B1/R1B2 Specifications

<table>
<thead>
<tr>
<th></th>
<th>R1B1</th>
<th>R1B2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Rivets</td>
<td>Φ2.4</td>
<td>Φ4.8</td>
</tr>
<tr>
<td>Stroke</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Number of riveting on a single charge</td>
<td>560</td>
<td>560</td>
</tr>
</tbody>
</table>

※ 6.4mm stainless steel rivet cannot be used. 3.2 and 4.0mm rivets can be used if optional parts are attached.

**NEW R1B2**

**Mandrel Collector**
Mandrel collector with increased mandrel holding capacity to improve work efficiency
The mandrel collector placed on the side allows for efficient mandrel ejection port on the top of the tool. This design is effective for smoothly storing mandrels throughout the collection, resulting in an increased number of mandrels stored during work. Minimal work interruptions make riveting less frustrating.

**Made In Japan Battery**
A high-capacity lithium-ion battery, made in Japan, significantly increases the amount of work done during the battery’s life. The R1B1 and R1B2 installs 560 rivets on a single charge. (※1)

**LED Spotlight**
LED spotlight to precisely illuminating the object
Feel assured even when working in a dimly lit or narrow place. An LED spotlight illuminates the riveting area exclusively.

**Ejection Capability**
Ejection capability in the event of unexpected operation stoppage
Even if the riveting tool stops working due to battery depletion with a rivet in the process of being clamped, it is possible to remove the rivet by pressing the eject button.

**Safety Device**
Safety device to prevent mandrels from shooting out
In a case where the mandrel collector is dislodged or not fitted properly, a safety device is actuated to interrupt the riveter power supply and disable the trigger. This feature prevents mandrels from shooting out and ensures work safety.

**Counter**
Foolproof system well suited for riveting management
The R1B1 can be supplied with a digital counter (build to order). Unless each riveting cycle is complete, the counter does not advance, enabling the user to minimize overlooked work deficiencies or riveting defects and to achieve foolproof rivet number management.

**MADE IN JAPAN tradition**
LOBTEX has been manufacturing the products for over 120 years in Japan. By continuing Made in Japan tradition, we are providing products to the customers with safety and relief.

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