Cordless Screwdrivers / Cordless Angle Screwdrivers

- BFT041R / BFT082R / BFT124R
- BFL201R / BFL301R / BFL402R

**Built-in LED Job Light**
For more illuminated operation

**14.4V Li-ion Battery**
(Sold separately)

**Rigid Aluminum alloy Head**

**Compact and Lightweight Brushless DC motor**

**Built-in Bluetooth Transmitter**

**Reverse Switch**
- Push-button conveniently located
- On/Off Switch with:
  - Delayed restarter for preventing overtightening; for one second after a screw has been tightened, the motor does not restart even if the trigger is unintentionally pulled.
  - Soft start function for reducing starting shock
  - Machine screws are used to assemble housing (L) and (R) together for high reparability.

**Accessories**
- Receiver RCV02 Part No. 194480-1
- CD-ROM (Software) Part No. 889919-4
- CD-ROM (Instruction Manual) Part No. 889920-9
- RS-232C cable Part No. 638386-8
- Grip Part No. 273443-1
- Grip base set Part No. 193874-7
- USB serial adapter set Part No. 194089-9
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**Cordless Screwdrivers**

### BFL201R
- Square drive 9.5mm (3/8”)
- 260rpm
- 16-30 / 16-30N.m
- 477 x 72 x 98mm (18-3/4” x 2-13/16” x 3-7/8”)
- 2.0kg (4.4lbs)
- 14.4V

### BFL301R
- Square drive 9.5mm (3/8”)
- 200rpm
- 25-40 / 25-40N.m
- 477 x 72 x 98mm (18-3/4” x 2-13/16” x 3-7/8”)
- 2.0kg (4.4lbs)
- 14.4V

### BFL402R
- Square drive 9.5mm (3/8”)
- 200rpm
- 25-40 / 25-40N.m
- 477 x 72 x 98mm (18-3/4” x 2-13/16” x 3-7/8”)
- 2.0kg (4.4lbs)
- 14.4V

**Cordless Angle Screwdrivers**

### BFT041R
- Hex. 6.35mm (1/4”)
- 800rpm
- 1-4 / 1-4N.m
- 191 x 72 x 266mm (7-1/2” x 2-13/16” x 10-1/2”)
- 1.5kg (3.3lbs)
- 14.4V

### BFT082R
- Hex. 6.35mm (1/4”)
- 860rpm
- 4-8 / 4-8N.m
- 191 x 72 x 266mm (7-1/2” x 2-13/16” x 10-1/2”)
- 1.5kg (3.3lbs)
- 14.4V

### BFT124R
- Hex. 6.35mm (1/4”)
- 600rpm
- 6-12 / 6-12N.m
- 191 x 72 x 266mm (7-1/2” x 2-13/6” x 10-1/2”)
- 1.5kg (3.3lbs)
- 14.4V

**Capacity Driving Shank**

<table>
<thead>
<tr>
<th>Model</th>
<th>No. Load Speed</th>
<th>Recommended Torque</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFT041R</td>
<td>600rpm</td>
<td>4.1 / 4.1N.m</td>
<td>87 x 72 x 246mm</td>
<td>1.5kg (3lbs)</td>
</tr>
<tr>
<td>BFT082R</td>
<td>600rpm</td>
<td>4.6 / 4.6N.m</td>
<td>63 x 72 x 226mm</td>
<td>1.5kg (3lbs)</td>
</tr>
<tr>
<td>BFT124R</td>
<td>600rpm</td>
<td>6.2 / 6.2N.m</td>
<td>52 x 72 x 206mm</td>
<td>1.5kg (3lbs)</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- None (Battery and charger are sold separately)

**Soft Start**
**Reversing**
**Electric Brake**
**Built-in Job Light**

**Wireless Data Communication by Bluetooth**

**Satisfy Professional’s Needs**
Cordless Screwdrivers BFT041R / BFT082R / BFT124R
Cordless Angle Screwdrivers BFL201R / BFL301R / BFL402R

![Makita Corporation](image)

3-11-8 Sumiyoshi-cho, Anjo, Aichi, 446-8502 Japan

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Makita Wireless Fastening Data Capture System

**Self Torque Check System by two independent devices**

- **1. Mechanical Clutch**
  - Setting fastening torque
- **2. Torque Calculator**
  - Monitoring electric current and rotation

**High Torque Accuracy**

±10%, ±3σ, Cm±1.67

**Highly Reliable Communication System by Bluetooth**

Interactive communication and a strong resistance against radio interference

**Comparison of function by combination of Tool and other Devices**

<table>
<thead>
<tr>
<th></th>
<th>Preventing human error</th>
<th>Saving torque data</th>
<th>Outputting signal from receiver to PC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tool + Receiver + Your PC</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Tool + Receiver</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Tool only</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Comparison of function by combination of Tool and other Devices**

<table>
<thead>
<tr>
<th></th>
<th>Cordless</th>
<th>Saving Torque Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Torque Tracer</strong></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Competitor “A”</strong></td>
<td>x</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Competitor “B”</strong></td>
<td>✓</td>
<td>x</td>
</tr>
</tbody>
</table>

**Easy to operate thanks to wireless**

Tool can be operated freely within about 10m (33 feet) range from Receiver

**Built-in Transmitter**

The followings are main data that can be transmitted:

- Batch count (Counting of the number of OK fastening processes)
- Torque value
- Turning angle
- Tool ID
- Error code

*Model BFT041R cannot transmit these data*

**The system uses one-to-one connection between the tool and Receiver equipped with:**
- *Output terminal for OK/NOK judgment of each fastening and Batch count (Counting of the number of OK fastening processes)
- *Input terminal for resetting fastening process*

By installing the software in CD-ROM SRCV02 on your PC interface can be established between user and the tool, enabling to program and monitor the tool from the PC.

*The software is available in English and Italian
*Programmed settings can be protected by setting a password

**Can be extended to your peripheral devices by your PLC (Programmable logic controller)**

RS-232C Cable (option)
USB Serial Adapter Set (option) if necessary

Fastening data can be temporarily saved in the tool when transmission is shut up; up to nine data can be temporarily saved.