**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Instrument</th>
<th>RL-H4C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam type / power</td>
<td>red (visible diode) / 2.0mW (max.)</td>
</tr>
<tr>
<td>Operating range (radius)</td>
<td>400m</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±1.5 mm per 30m</td>
</tr>
<tr>
<td>Self-leveling range</td>
<td>±5°</td>
</tr>
<tr>
<td>Rotation speed</td>
<td>600rpm</td>
</tr>
<tr>
<td>Power</td>
<td>Rechargeable battery</td>
</tr>
<tr>
<td>Battery life</td>
<td>approx. 60hrs</td>
</tr>
<tr>
<td>Waterproof</td>
<td>IP66</td>
</tr>
<tr>
<td>Dimensions / Weight</td>
<td>177 x 196 x 217 mm / 2.6 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Laser Receiver</th>
<th>LS-80L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade information channels</td>
<td>11 (+high/low out of range)</td>
</tr>
<tr>
<td>On-grade precision</td>
<td>High precision: ±1 mm, Normal precision: ±2 mm</td>
</tr>
<tr>
<td>Audible on-grade alarm</td>
<td>Yes</td>
</tr>
<tr>
<td>Power</td>
<td>9 Vdc alkaline</td>
</tr>
<tr>
<td>Battery life</td>
<td>Approx. 120hrs</td>
</tr>
<tr>
<td>Auto shut-off</td>
<td>After 30 minutes w/o beam detection</td>
</tr>
</tbody>
</table>

* all technical changes are reserved by TOPCON, 03/2011

---

**The Leader in Positioning Technology ...**

Topcon is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, machine control, GIS and Mobile Mapping products.

---

**CONSTRUCTION LASER**

Three lasers in one

- High horizontal accuracy
- Simple, intuitive slope capability with automatic cross axis self-leveling
- Long range

---

**www.topcon.eu**

Your local authorized Topcon distributor is:

grafit-werbeagentur.de
www.topcon.eu
Horizontal, slope and long range capabilities in one tough package.

"The best construction laser I have ever seen in my 30 years experience", said Jim Pelham Laser Specialist from Great Britain. "It's working under all conditions even when it's snowing."

**Key Features**

- Simple, intuitive slope match capability
- Long-Distance sensor
- Automatic height alert
- Machine control compatible 600 rpm
- Optimally focused beam provides long Ø 800 m operating range

**One laser, all functionalities included**

Looking for a proven, rugged, reliable General Construction laser. A laser you can count on to increase quality and efficiency, a laser that provides maximum impact at a minimum price. You've found it. The RL-H4C Construction laser to meets all of your job site needs, from layout to grade control.

**3 in One!**

**Horizontal function**
- One button operation
- High speed self-leveling
- Rough housing waterproofed IP66

**Slope function**
- Slope matching capabilities to ±5%
- 600 rpm rotation speed
- Machine control usage

**Long range function**
- High-Speed self-leveling
- Long, Ø 800 m operating range
- 60 hour operating time with rechargeables

**Long range receiver**
- Two way communication for height alert and laser battery status
- 5 levels of LCD display precision
- Extended battery life
- Quick find sensor
- "SmartClamp" adjustable rod clamp
- Auto shut-off

**RL-H4C Package**
- Long range receiver
- Sensor holder
- Manual
- New tough carrying case

"The best construction laser I have ever seen in my 30 years experience", said Jim Pelham Laser Specialist from Great Britain. "It's working under all conditions even when it's snowing."
Horizontal, slope and long range capabilities in one tough package.

"The best construction laser I have ever seen in my 30 years experience", said Jim Pelham Laser Specialist from Great Britain. "It's working under all conditions even when it's snowing.

Key Features
- Simple, intuitive slope match capability with automatic cross axis self-leveling
- Long-Distance sensor
- Automatic height alert
- Machine control compatible 600 rpm
- Optimally focused beam provides long Ø 800 m operating range

One laser, all functionalities included
Looking for a proven, rugged, reliable General Construction laser. A laser you can count on to increase quality and efficiency, a laser that provides maximum impact at a minimum price. You've found it. The RL-H4C Construction laser to meets all of your job site needs, from layout to grade control.

RL-H4C Package
- Long range receiver
- Sensor holder
- Manual
- New tough carrying case

LS-80L long range receiver
- Two way communication for height alert and laser battery status
- 5 levels of LCD display precision
- Extended battery life
- Quick find sensor
- "SmartClamp" adjustable rod clamp
- Auto shut-off
Horizontal, slope and long range capabilities in one tough package.

“The best construction laser I have ever seen in my 30 years experience”, said Jim Pelham Laser Specialist from Great Britain. “It’s working under all conditions even when it’s snowing.”

**Key Features**
- Simple, intuitive slope match capability with automatic cross axis self-leveling
- Long-Distance sensor
- Automatic height alert
- Machine control compatible 600 rpm
- Optimally focused beam provides long Ø 800 m operating range

**RL-H4C Package**
- Long range receiver
- Sensor holder
- Manual
- New tough carrying case

**LS-80L long range receiver**
- Two way communication for height alert and laser battery status
- 5 levels of LCD display precision
- Extended battery life
- Quick find sensor
- “SmartClamp” adjustable rod clamp
- Auto shut-off

One laser, all functionalities included

Looking for a proven, rugged, reliable General Construction laser. A laser you can count on to increase quality and efficiency, a laser that provides maximum impact at a minimum price. You've found it. The RL-H4C Construction laser to meets all of your job site needs, from layout to grade control.

**3 in One!**

1. **High horizontal accuracy**
   - One button operation
   - High speed self-leveling
   - Rough housing waterproofed IP66

2. **Slope function**
   - Slope matching capabilities to ±5%
   - 600rpm rotation speed
   - Machine control usage

3. **Long range function**
   - High-Speed self-leveling
   - Long Ø 800 m operating range
   - 60 hour operating time with rechargeables

4. **Heavy-duty glass and rugged body holds up to everyday bangs and bumps.**

5. **Hi Alert LED indicator lets you know if the laser has been bumped or moved.**

6. **Height alert can be turned off when using a slope block or matching a slope.**

7. **Fast self-leveling motors get you to work fast and keep you working accurately all day.**

8. **Weather/Sun resistant colour-coded membrane switches and bright LED indicators make for easy, verifiable operation from a distance.**

9. **Rugged grips on two sides**

“The best construction laser I have ever seen in my 30 years experience”, said Jim Pelham Laser Specialist from Great Britain. “It’s working under all conditions even when it’s snowing.”
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Instrument</th>
<th>RL-H4C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam type / power</td>
<td>red (visible diode) / 2.0mW (max.)</td>
</tr>
<tr>
<td>Operating range (radius)</td>
<td>400m</td>
</tr>
<tr>
<td>Accuracy</td>
<td>1.5 mm per 30 m</td>
</tr>
<tr>
<td>Self-leveling range</td>
<td>±5°</td>
</tr>
<tr>
<td>Rotation speed</td>
<td>600 rpm</td>
</tr>
<tr>
<td>Power</td>
<td>Rechargeable battery</td>
</tr>
<tr>
<td>Battery life</td>
<td>approx. 60hrs</td>
</tr>
<tr>
<td>Waterproof</td>
<td>IP66</td>
</tr>
<tr>
<td>Dimensions / Weight</td>
<td>177 x 196 x 217 mm / 2.6 kg</td>
</tr>
</tbody>
</table>

**Laser Receiver**

<table>
<thead>
<tr>
<th>Laser Receiver</th>
<th>LS-80L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade information channels</td>
<td>11 (+high/low out of range)</td>
</tr>
<tr>
<td>On-Grade precision</td>
<td>High precision: ±1 mm, Normal precision: ±2 mm</td>
</tr>
<tr>
<td>Audible on-grade alarm</td>
<td>Yes</td>
</tr>
<tr>
<td>Power</td>
<td>9 Vdc alkaline</td>
</tr>
<tr>
<td>Battery life</td>
<td>Approx. 120hrs</td>
</tr>
<tr>
<td>Auto shut-off</td>
<td>After 30 minutes w/o beam detection</td>
</tr>
</tbody>
</table>

*all technical changes are reserved by TOPCON, 03/2011

---

**CONSTRUCTION LASER**

Three lasers in one

- High horizontal accuracy
- Simple, intuitive slope capability with automatic cross axis self-leveling
- Long range

---

**The Leader in Positioning Technology ...**

Topcon is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, machine control, GIS and Mobile Mapping products.

---

**www.topcon.eu**

Your local authorized Topcon distributor is:

graf@werbeagentur.de
The Leader in Positioning Technology ...

Topcon is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, machine control, GIS and Mobile Mapping products.

---

**SPECIFICATIONS**

**Instrument**  RL-H4C

- **Beam type / power**: red (visible diode) / 2.0mW (max.)
- **Operating range (radius)**: 400m
- **Accuracy**: 1.5 mm per 30m
- **Self-leveling range**: ±5°
- **Rotation speed**: 600 rpm
- **Power**: Rechargeable battery
- **Battery life**: approx. 60hrs
- **Waterproof**: IP66
- **Dimensions / Weight**: 177 x 196 x 217 mm / 2.6 kg

**Laser Receiver**  LS-80L

- **Grade information channels**: 11 (+ high/low out of range)
- **On-Grade precision**: High precision: ±1 mm, Normal precision: ±2 mm
- **Audible on-grade alarm**: Yes
- **Power**: 9 Vdc alkaline
- **Battery life**: Approx. 120hrs
- **Auto shut-off**: After 30 minutes w/o beam detection

*all technical changes are reserved by TOPCON, 03/2011*

---

**CONSTRUCTION LASER**

**Three lasers in one**

- High horizontal accuracy
- Simple, intuitive slope capability with automatic cross axis self-leveling
- Long range

---

**www.topcon.eu**

Your local authorized Topcon distributor is:

---

*grafit-werbeagentur.de*

---

*raf.topcon.eu*