### RL-H5A

#### Specifications

**Operational Range**
- Diameter: Approx. 2 to 800 m (When using LS-80L)

**Accuracy**
- ±10 Arc second

**Self-leveling Range**
- ±5°

**Manual Slope Settable Range**
- ±5°

**Laser Source**
- Laser diode (Visible, 635 nm)

**Rotational Speeds**
- 600 r.p.m.

**Protection**
- Dust and water resistance: IP66

**Power Source/Operating Time**
- 4xD size dry cell batteries (alkaline): 100 hours
- Ni-MH battery pack BT-79Q: 60 hours

**On-Grade Precision**
- High: ±1 mm (±0.04 in.)
- Normal: ±2 mm (±0.08 in.)

**Beam Detection Width**
- 50 mm (2.0 in.)

**Display**
- LCD on each side

**Buzzer**
- High/Low/Off

**Icons**
- RL-H4C Warnings
- HI Alert, Low Battery

**Battery Level Indicator**
- LCD Icon

**Auto Shut-off**
- Approx. 30 minutes

**Dust and Water Protection**
- IP66 (IEC 60529)

**Operating Temperature**
- -20°C to +50°C (-4°F to +122°F)

**Dimensions**
- 146(W) x 76(D) x 26(H) mm

**Weight**
- 190g (6.7 oz.) including two AA/LR6 batteries

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**Standard Kit**

- RL-H5A Unit
- Battery Holder DB-79A
- D Cell Battery x 4
- Level Sensor LS-80L
- Level Sensor Holder Type 6
- AA Battery x 2
- Carrying Case
- User Manual
- Safety Notice / Standard Kit List

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**Optional Kit**

- RL-H5A Unit
- Battery Pack BT-79Q (Ni-MH)
- Battery Holder DB-79A
- AC/DC Convertor AD-17C
- Level Sensor LS-80L
- Level Sensor Holder Type 6
- AA Battery x 2
- Carrying Case
- User Manual
- Safety Notice / Standard Kit List

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**RL-H5A + LS80L D Cell Battery Package**

- Battery Holder DB-79A
- D Cell Battery x 4
- Level Sensor LS-80L
- Level Sensor Holder Type 6

**RL-H5A + LS80L Rechargeable Battery Package**

- Battery Pack BT-79Q (Ni-MH)
- Battery Holder DB-79A
- AC/DC Convertor AD-17C
- Level Sensor LS-80L
- Level Sensor Holder Type 6

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**Contact Information**

- Topcon Singapore Positioning Sales Pte Ltd
  - 1 Jalan Kilang Timor, #09-01 Pacific Tech Centre, Singapore 159303
  - Phone: (+65)6778-3456  Fax: (+65)6773-6550
  - Email: svy.regional@topcon.com.sg
  - Web: www.topcon.com.sg

- Topcon Positioning Middle East and Africa FZE
  - P.O.Box 371028, LIU J-11, Dubai Airport Free Zone, Dubai, UAE
  - Phone: (+971)4-299-0203  Fax: (+971)4-299-0403

- Topcon Sokkia India Private Limited
  - Unit No.101 to 106A, 1st Floor, ABW Tower, M.G Road, Sector-25, IFFCO Chowk, Gurgaon, Haryana-122001, India
  - Phone: 91-124-484-7676
  - Email: sales@topconsokkia.ind.in
  - Web: http://www.topconsokkia.ind.in/
Reliable partner with 3 “Highs”!

User Friendly Design
Big handle, easy to grab even with glove on. Clear operational button, easy to understand what to do. New design to care for the user’s operation.

High Accuracy for large area
From pile foundation to construction
+ 10 Arc second (1.5mm@30m) high horizontal accuracy. Large range operation 800m. All round construction laser for pile foundation for buildings, leveling work for large construction site or farmfield.

Reliable leveling work at construction site
Reliable even at the vibrated environment
Electronic self-Leveling mechanism inside makes stable laser beam even at vibrated environment where pendulum cannot perform well. Also, safety lock (high alert) function let the operator know in the case that the unit get slanted and its height changes. You can rely on it to use.

Water gradient, a piece of cake!
RL-H5A can do leveling as well as sloping in single axis. Easy to use on the site.

Tough IP66 Construction Rating
With the IP66 rating, RL-H5A is “Construction Site Tough” and can withstand dust, a sudden shower and even torrential rainfall.

High Quality Topcon Laser
Topcon believes the product on site must have reliability from the customer. Therefore, the tough environmental test, simulated as tough construction site, is performed for RL-H5A.

Standard level sensor. Arrow display with buzzer shows the difference. Displays Topcon laser status alerts (HI and low battery).

Displays Topcon laser status alerts (HI and low battery).

Level Sensor
Level sensor LS-80L
Standard level sensor. Arrow display with buzzer shows the difference. Displays Topcon laser status alerts (HI and low battery).