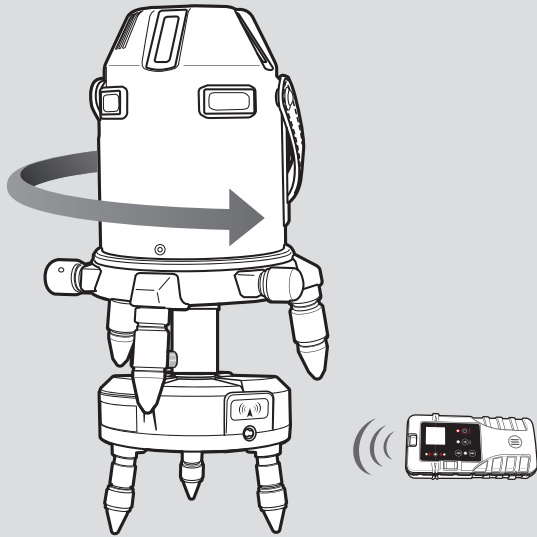
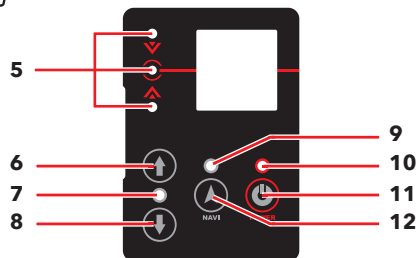
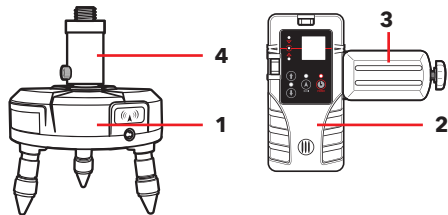


# SMART-BASE

## INSTRUCTIONS (ENG)



### 1. ACCESSORIES AND FUNCTIONS



1. Base
2. Receiver
3. Clamp (for receiver)
4. 5/8 adaptor
5. Laserline LED
6. UP button
7. Laserline LED
8. DOWN button
9. Navi LED
10. Power LED
11. Power button
12. Navi button

### 2. SPECIFICATIONS

#### Smart-Base station

- Battery: 3x AAA (NIMH)
- Voltage: 3V~4,8V (LED blinks when battery power <3V)
- Operating temperature: -10°C~50°C
- Auto shutdown function: The power shuts off automatically if it is not operated during 10 minutes.
- Duration: over 6 hours

#### Smart-Base Receiver

- Receiving distance: max. 80m.
- Smart-base working distance: max. 25m.
- Receiving accuracy: 0,5mm (1,5m ~15m)
- Battery: 4x AAA (NIMH)
- Voltage: 4,4V~6,4V (LED blinks when battery power <4,4V)
- Working temp: -10°C~50°C
- Auto shut down: The power will shut off automatically when the receiver does not receive the laserbeam for more than 10 min.
- Duration: over 30 hours

### 3. USE

#### Smart-Base station

1. Power On/Off: Pressing the Navi button on the receiver for 0,5sec., Navi Led starts blinking until "bibi" (2sounds) around 2 seconds.
2. Low Power: LED blinks (On: 0,1 sec / Off: 0,9 sec) when the battery power is below 3V.
3. Auto shut down: The power shuts off automatically if it is not operated for 10 minutes
4. Step motor Zeroing: On entering Navi mode, step motor will return to Zero and LED will blink (on: 0,9 sec / Off: 0,1 sec). When ready, LED is always on. During zeroing, pressing up turn of down turn button to activate Navi Navi starts when Zeroing ends.
5. Navi starts and LED indicator blinks (On: 0,5 sec / Off 0,5 sec): Laserbeam goes through receiver for the first time, temporarily stopping for 3 seconds for leveling. After Navi is ready, LED indicator always on.
6. Navi can not be ready in one minute, Navi mode will

leave automatically and LED indicator is always on.

#### Smart-Base Receiver

1. Power On / Off: pressing power button for one minute.
2. Low power: LED blinks when the battery is below 4,4V.
3. Volume adjustment: Adjusting the volume by pressing the power button for one time.
4. Auto shut down: It shuts off automatically when receiver does not work for 10 minutes. Before shut down, a 10 minute short tone appears as a reminder.
5. Mode switching: pressing switching mode of navi button. If Navi LED indicator is on, it means Navi mode is on. If navi LED indicator is off, it means Navi mode is away.
6. Activating Navi: When the Navi LE is on, press the up and down button to start the function of Navi. After Navi is ready, Navi mode is away automatically

### 4. INSTRUCTIONS FOR RFID BETWEEN BASE AND RECEIVER

1. Removing power from Navi base and confirm that the capacity is completely discharged (about one minute or make positive/negative pole short circuited).
2. When the receiver is off, press en hold the up and down button, then pressing the power button for one minute. When power LED and Navi LED blinks interactly, this is on the status of coding recognition.
3. When Navi base is connected with power, the receiver shuts off automaticcally and finishes coding recognition.
4. Receiver will shut off if coding recognition fails within 20 seconds.
5. When power is on, step motor will return to Zero (the longest 18 seconds) and then shuts off automatcally.
6. Coding recognition address is 3 bytes, 125 channels, totally the combination of 2.1 billion. Being able to make many groups of Navi to operate at the same time and will not have any mis-operation or interference.