MAGICSHINE

HORI 1300 PRO SMART BIKE LIGHT

Pro Light. Intelligently Ahead.

MAX OUTPUT	MAX THROW	MAX RUNTIME	WATER RESISTANT
1300 lumens	205 meters	9.5 hours	IPX6



This information is for your reference on market planning only.Please do not make it public.

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MARKET APPLICATIONS

Urban commuting
Road cycling
Gravel riding
Leisure riding

DESCRIPTION

Cycling has evolved, and bike lights must now offer more than simple illumination. The HORI 1300 PRO reimagines the light as an intelligent, connected system built on professional-grade optics.

A Proven Optical Foundation: Duo Optics System

At its core, the HORI 1300 PRO features the series' refined Duo Optics system. It delivers a wide, controlled low beam for near-field visibility and a powerful 1300-lumen high beam for confident, high-speed riding. The precise cut-off line keeps light where it belongs—enhancing your vision without dazzling oncoming traffic. Designed with intention: powerful when you need it, restrained when it matters.

What Makes HORI 1300 PRO Intelligent?

The leap forward isn't about adding complexity—it's about creating a seamless, intelligent ecosystem.

1. ANT+ Wireless Connectivity

Connect directly with compatible bike computers. Light status and controls appear naturally alongside your ride data, keeping your command center exactly where you need it.

2. Shimano Di2 Direct Control

A milestone in system integration. The HORI 1300 PRO pairs with Shimano Di2, allowing you to toggle modes directly from your shift levers—without taking your hands off the bars. Control becomes as instinctive as shifting gears.

3. FTR LightSync Control

The upgraded FTR technology wirelessly unifies your lighting system. Whether via remote or direct light-to-light pairing, a single command synchronizes your front and rear lights—simplifying your pre-ride routine and enhancing active safety.

An Experience Built for Performance

Versatility is in every detail. The compact, horizontal profile maintains the HORI series' low-drag design. Dual-mounting options support top or under-bar installation, adapting effortlessly to any cockpit setup.

Powered by a 3200mAh battery, it delivers up to 9.5 hours of dependable runtime. USB-C fast charging restores full power in just two hours. IPX6 waterproofing ensures uncompromising performance, so the weather never limits your ambition. Through the companion app, you can personalize every mode, tailoring the system for city commutes, group rides, or remote night adventures.

The HORI 1300 PRO is the harmony of precision optics and intuitive connectivity. More than a light, it is Pro Light. Intelligently Ahead.

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FEATURES

- Compact horizontal design minimizes aerodynamic drag without compromising pace.
- Duo Optics System: a wide low beam for near-field clarity and a focused 1300-lumen high beam for long-range vision.
- Precision cut-off beam directs light onto the road ahead, ensuring clear vision without dazzling others.
- FTR front-to-rear connection synchronizes both lights for seamless on/off operation.
- ANT+ integration allows direct control via Garmin, Wahoo, and Hammerhead bike computers.
- Shimano Di2 compatibility allows safe light control directly from the shift buttons.
- Top or under-mount options adapt to different handlebar setups, keeping the cockpit clean and streamlined.
- Powered by a 3200 mAh battery with USB-C fast charging—fully recharged in just 2 hours.
- Lockout function prevents accidental activation and preserves battery power.
- IPX6-rated waterproofing ensures stable performance in harsh riding conditions.
- Lighting modes and brightness can be configured via the Magicshine App for different riding scenarios.

OPERATING INSTRUCTIONS

ON/OFF

Press and hold the button to turn the light on/off.

ADJUST BRIGHTNESS

When the light is on, click the button to change brightness. In Low Beam, the brightness cycles through low → medium → high → low... In High Beam, only a fixed output of 1300 lumens is available.

CHANGE MODE

When the light is on, double-click the button to switch between Low Beam and High Beam. (Note: The Day Flash and Night Flash can only be accessed through the remote control.)

MEMORY FUNCTION

When the light is turned on again, it will automatically turn to the last selected lighting mode.

LOCK/UNLOCK

When the light is off, press and hold the button for 3 seconds to enter lockout mode. To unlock the light, press and hold the button for 3 seconds or charge the light.

LOW POWER MODE

When the battery drops below 10%, the indicator will flash red and the light will automatically switch to Low mode and cannot be adjusted. Please charge the light promptly.

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SMART SYSTEM COMPATIBILITY

The HORI 1300 PRO is compatible with ANT+, Shimano Di2 systems, and FTR LightSync technology, enabling coordinated control of the light and other connected devices.

FTR LIGHTSYNC CONTROL

This light features FTR LightSync technology, offering two pairing modes for flexible front-and-tail light control across different riding scenarios.

A. Remote-Integrated Control (Remote + Front and Tail Lights)

1. Factory Pairing: The lights and remote are pre-paired at the factory and ready for immediate use. If control fails, please refer to the Remote Control Manual and follow the pairing steps to reconnect.
2. Light Control: Press and hold the "○" or "□" button on the remote for 1 second to turn both front and tail lights on or off simultaneously.

B. Direct Light-to-Light Sync (Front and Tail Lights Only)

1. Pairing: Place the front and tail lights close together. With both units powered on, the front light will automatically search for the tail light's signal for 10 seconds to initiate pairing. Once successfully paired, the indicators on both lights will remain solid blue for 3 seconds.
2. Light Control: Once paired, press and hold the power button on the front light for 1 second to turn the tail light on or off.

***Note:** The front light button can only switch the tail light on or off; it cannot adjust its mode or brightness.

Clearing Pairing: With the front light powered off, click the button once, then quickly press and hold for 3 seconds until the indicator flashes blue for 3 seconds. The pairing memory will then be successfully cleared.

ANT+ COMPUTER PAIRING INSTRUCTIONS

* Keep the bike computer and the light within 3 meters of each other. While pairing, stay at least 10 meters away from other ANT+ sensors.

1. Turn on the HORI 1300 PRO.
2. Turn on your bike computer. Go to Menu>Sensors>Add Sensor> Lights>Search All.
3. Select the light from the list (it may appear as a random number) and choose “Add”.
4. When pairing is successful, the bike computer will display “Light connected”.

***Note:**
This light supports the ANT+ Lighting Control Profile.
Lighting control availability depends on whether the bike computer supports this profile.
Garmin Edge series bike computers offer full control over the light.
Some bike computers may support ANT+ connection but do not support this profile. In this case, the light cannot be controlled.

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SHIMANO Di2 INTEGRATION

The HORI 1300 PRO supports integration with Shimano Di2 electronic shifting systems. Leveraging Di2's fast, accurate, and reliable performance, the light can be controlled directly via the Di2 control buttons without having to operate the light's physical button separately. This enables integrated control of the bike and lighting system for a seamless interactive experience.

SHIMANO Di2 OPERATING INSTRUCTIONS

1. Before connecting the light to a Shimano Di2 system, clear the factory pairing.

***Note:**

- The light is pre-paired with the remote at the factory and cannot be connected to a Shimano Di2 system at the same time. To pair with Di2, follow the "Clearing Pairing" steps to remove the remote connection.
- Once the factory pairing is cleared, you can switch pairing targets freely. The light can be paired with either a Shimano Di2 system or the original remote control as needed.
- ANT+ bike computer connectivity is not affected by this process and can be used at any time.

2. Before pairing, ensure the Shimano Di2 system has at least two unassigned buttons available for customization.

3. During pairing, place the light within 30 cm of the Shimano Di2 rear derailleur to ensure a stable connection.

4. Once paired, the light will remain connected to the Shimano Di2 system. If the light powers off due to a depleted battery or moves out of the control range, press the light's button once to re-establish the connection when it is back within range.

5. Shimano D-FLY supports custom assignment for Channel 1 and Channel 2, enabling flexible configuration for each channel.

***Example configurations:**

- **Shimano D-FLY Channel 1:** Single press to cycle through brightness levels; Double press to switch between low beam and high beam modes.
- **Shimano D-FLY Channel 2:** Single press to activate high beam mode (full output 1300LM); Double press to switch between Day flash and Night flash.

6. If the light fails to connect to the SHIMANO Di2 system, download the E-TUBE PROJECT Cyclist APP to verify the wireless settings. Follow the steps below:

Register and log in to the APP → Power on the light and complete pairing → Go to Wireless Settings → Go to Wireless Communication → Select "ANT+/Bluetooth® LE" or "Bluetooth® LE" → Done → Apply

SHIMANO Di2 PAIRING INSTRUCTIONS

1. Initial Pairing: Wake the Shimano Di2 system by pressing any Di2 button. Press and hold the light's button for 1 second to turn it on. The light will automatically begin searching for a signal, and the indicator flashes blue while searching. When pairing is successful, the indicator stays solid blue for 3 seconds.

2. Pairing Failure: If no connection is established within 5 minutes, the indicator stops flashing blue and then shows the current battery level.
3. Clearing Pairing: With the light powered off, click the button once, then immediately press and hold it for 3 seconds. The indicator flashes red briefly, then flashes blue, indicating the pairing memory is cleared.

MODE CUSTOMIZATION

1. Scan the QR code in the user manual to download the Magicshine App and follow the instructions to customize modes.

2. Up to 20 customized modes are supported.

*When all customized modes are deleted in the APP, the light will return to its factory default mode.

BATTERY INDICATOR

When the light is on, the indicator shows the remaining battery level in real-time.
When the light is off, click the button to display the remaining battery level for 2 seconds.
GREEN: 100%-21%, RED: 20%-11%, FLASHING RED: 10%-1%

OUTPUT TABLE

MODE	LOW BEAM			HIGH BEAM	FLASH	
	LOW	MEDIUM	HIGH	TURBO	DAY FLASH	NIGHT FLASH
LUMENS	200LM	400LM	900LM	1300LM	0-800-0LM	200-1000-200LM
h:min	6:30	3:30	2:30	2:00	9:30	4:30

Note: The Day flash and Night flash can only be accessed through the MJ-6558 remote control.

*All data are measured in accordance with ANSI/NEMA FL 1-2009. The test was conducted at a temperature of 25°C and a wind speed of 25 km/h. Runtime may vary depending on external temperature and ventilation conditions, and these deviations may affect the result of testing.

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LIGHT SOURCE

LEDs

LENS/REFLECTOR TYPE

PC optical lens

BATTERY SOURCE

3.7V 3200mAh

CHARGING TIME

2 hours（5V 2A）

BODY MATERIAL

Aluminum alloy + plastic

WARRANTY

2-year warranty

DIMENSIONS

Length: 2.36 in / 60 mm
Width: 2.24 in / 57 mm
Height: 1.46 in / 37 mm
Weight: 5.33 oz / 151 g

IN THE BOX

HORI 1300 PRO *1
GoPro adapter *1
MJ-6558 remote control (incl. strap) *1
Screw *2
Nylon shim (28mm/32mm/35mm) *3
3mm hex key *1
3mm torx key *1
USB-C charging cable *1
User manual *1
Handlebar out-front mount
(sold separately) *1

WATERPROOF IPX6



DROP TEST



COMPLIANCE

CE KC RoHS FC

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MADE IN CHINA

Note: There are slight differences between the picture and the real item caused by light color temperature. All the pictures are for reference only.