



**BHC-20**

Two-Way Aluminum Ballhead



**You're on steady ground®**

## INTRODUCTION

### Thank you for choosing Oben

The Oben BHC-20 is a durable aluminum two-way ballhead that's ideal for photo applications as well as on-the-go image making. This ballhead boasts a 20-pound weight capacity, which can support a DSLR with a large lens, and features a 90° notch for rapid switching from landscape to portrait orientation.

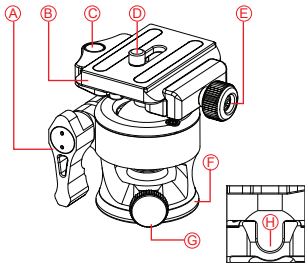
Compact, lightweight, and rugged construction makes the BHC-20 a good addition to tripods for remote interviews as well as landscape and nature shoots. An independent pan lock with fluid motion and a 360° scale etched into the surface facilitates silky-smooth pan shots and ensures accurate positioning for panoramic photos.

## Warnings:

- *Please read and follow these instructions and keep this manual in a safe place.*
- *Do not exceed the ballhead's maximum load capacity.*
- *Ensure that all appropriate locks are engaged when necessary.*
- *The ballhead should not be used in or near salt water. Dry the ballhead if it becomes wet.*
- *Remove the camera from the ballhead during setup or transport.*
- *All images are for illustrative purposes only.*

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for more Oben products.

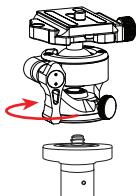
# OVERVIEW



- |                                  |                                |
|----------------------------------|--------------------------------|
| <b>(A)</b> Main locking knob     | <b>(E)</b> Quick-release knob  |
| <b>(B)</b> Quick-release plate   | <b>(F)</b> 360° panoramic base |
| <b>(C)</b> Bubble level          | <b>(G)</b> Pan locking knob    |
| <b>(D)</b> 1/4-20 mounting screw | <b>(H)</b> 90° notch           |

## OPERATION

### Mounting the Ballhead to a Tripod



1. Tighten all the knobs on the head.
2. Align the tripod's stud with the ballhead socket and turn the ballhead clockwise until it's securely attached.

Make sure the head is flush with the tripod's mounting plate before proceeding.

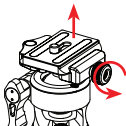
### Converting the Mounting Thread

**For tripods with a 1/4-inch threaded mounting stud:** Screw the included reducer bushing into the head's threaded mounting socket and tighten by hand or with a slotted screwdriver.

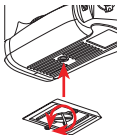
# OPERATION

## Attaching the Quick-Release Plate

1. Turn the quick-release knob counterclockwise to loosen the clamp and remove the quick-release plate from the ballhead.



2. Attach the plate to the camera's threaded 1/4-20 socket. Hand tighten or use the included hex key to tighten the screw.



**Warning:** Some manufacturers' plates do not meet our specifications and may not lock your equipment securely into the Oben quick-release clamp. Please test all camera and lens plates made by other manufacturers to ensure compatibility.

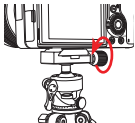
# OPERATION

## Mounting a Camera to the Ballhead

1. Make sure the locking and pan knobs are tightened and loosen the quick-release knob.



2. Mount the camera to the ballhead by inserting one edge of the quick-release plate into the clamp.

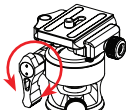


3. Lower the other side until the quick-release plate is lying flat in the clamp.
4. Tighten the quick-release knob until the quick-release plate does not slide in the clamp.

# OPERATION

## Main Locking Knob Operation

Turn the knob clockwise to unlock the head and counterclockwise to lock it.



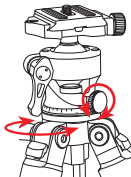
**Important!:** Always use one hand to support the camera while adjusting the ballhead. Make sure the ballhead lock is engaged before releasing the camera. Make sure the knob is firmly tightened before letting go of the camera.



# OPERATION

## Panoramic Base

The ballhead's base independently rotates 360°.



Turn the pan locking knob counterclockwise to unlock the base, rotate the base to the desired position, and tighten the pan locking knob until secure.

Degree markings on the base can be used to accurately set up panoramic shots.

## SPECIFICATIONS

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Camera Mounting      | 1/4-20 screw<br>(Arca-type quick-release plate) |
| Head Type            | Ballhead                                        |
| Maximum Load         | 20 lb. (9.1 kg)                                 |
| Base Diameter        | 1.69 in. (43 mm)                                |
| Pan                  | 360°                                            |
| Tilt                 | 90°                                             |
| Independent Pan Lock | Yes                                             |
| Height               | 2.7 in. (6.8 cm)                                |
| Weight               | 6.3 oz. (179 g)                                 |

## FIVE-YEAR LIMITED WARRANTY

This Oben product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of five (5) years from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function. This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state. To obtain warranty coverage, contact the Oben Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Oben along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense. For more information or to arrange service, visit [www.obensupports.com](http://www.obensupports.com) or call Customer Service at 212-594-2353.



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