OPTIQUE PERRET
Jumelles & Télescopes

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omegon

Omegon | Horizon AC 90/650 AZ-BellaVista

319,00 CHF

VAT included

Availability	**in stock / dispatched within 8-15 days**
Item ref. (SKU)	80894

With the powerful AC 90/650 telescope and the stable AZ-Bellavista mount, this set is an ideal combination for demanding beginners. Whether you want to explore the Milky Way or observe landscapes, this telescope will show you everything in detail.

DESCRIPTION

A versatile and bright instrument for exploring the stars and nature

Get closer to the horizon like never before! The AC 90/650 telescope, paired with the stable AZ-Bellavista mount, forms an ideal set for ambitious beginners. Milky Way, landscapes, wildlife — this telescope reveals every detail with clarity and brightness.

Highlights at a glance:

- **Clear and bright images:** With its 90 mm aperture, this telescope captures 25% more light than an 80 mm model — ideal for observing more discreet celestial objects.
- **Sky and nature:** The image produced is upright and not inverted, allowing for equally enjoyable use during the day for nature observation.
- **Smooth and precise focusing:** A soft and stable adjustment, without play or slipping.
- **Compact and portable:** Short and lightweight, this telescope is easily taken to the most remote observation sites.

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- **Ready for photography:** Capture your first images of the Moon with the included smartphone adapter, or connect your digital SLR for more ambitious shots.

More light, more visibility: the 90 mm optics

The size of the aperture is a determining factor for telescopes. With a diameter of 90 mm, this telescope captures significantly more light than conventional entry-level telescopes. Result: you see the planets more clearly and with more detail. You also discover objects located well beyond our solar system. Discover bright globular clusters that look like small cosmic snowballs. Or observe the delicate shapes of gaseous nebulae, like the famous Orion Nebula.

A walk through the Milky Way: the wide field of view

The short focal length of 650 mm offers a wide field of view. This means you see a large part of the sky. It’s like looking at the sky through a wide-angle window. This way, you can explore the Milky Way and see vast clusters of stars in all their glory with low magnification. Observing with this wide view is particularly impressive and relaxing.

A precision you can feel: the patented Crayford focuser

A good image is of little use if you can’t focus it precisely. That’s why the Omegon AC 90/650 is equipped with a high-quality focusing mechanism. Simple instruments often tend to jerk. This focuser glides smoothly on ball bearings. You can thus adjust the focus very finely and precisely. You get very sharp images, even at high magnification: a difference you will notice at every observation.

Beyond the stars: an ideal instrument for nature observation

Thanks to the included Amici prism, your telescope transforms into a high-performance spotting scope for terrestrial observation. Unlike conventional astronomical telescopes, you see an upright and non-inverted image. This way, you can observe birds in the trees, shy wildlife at the forest edge, or distant mountain peaks during the day. This makes this telescope a versatile companion for anyone wishing to discover the world, by day or by night.

The intuitive mount for quick and sharp observations by day and night

A bird perches in the sun, a deer grazes at the forest edge, or you observe the moon in the daytime sky? There are many situations where you want to spontaneously point a telescope at an object. That’s exactly why there is the Omegon AZ Bellavista mount. It works as simply as a good photo tripod, but is as stable and precise as a mount for stargazing. An ideal choice for anyone who appreciates quick observations.

Simple operation: up, down, left, and right

No complex alignment on the North Star is necessary. With the AZ Bellavista mount, you can easily move your telescope left, right, up, and down. It works like a good camera tripod. The mount is therefore ideal for quick and spontaneous observation. Whether you are observing the moon, planets, or objects on Earth, you will find your target in seconds.

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A noticeable precision: fine and smooth movements

A simple camera tripod does not move with such precision. The Bellavista features fine gears on both axes. You control them using two rotating handles. This way, you keep your target exactly in the center, even at high magnification. These smooth and precise movements make all the difference and ensure a relaxed observation.

A steel base: robust tripod

A good mount requires a stable tripod. That’s why the Bellavista AZ is equipped with a very robust stainless steel tripod. It ensures a stable image, even in windy conditions or upon contact. The practical accessory holder easily snaps into place. It keeps your eyepieces and other accessories within reach. This base allows you to get the most out of your telescope.

Omegon accessory box: what good is the best telescope without the right accessories?

With the Omegon accessory box, you have a complete set that makes your start as easy as possible. Instead of laboriously searching for individual eyepieces and adapters, you get everything you need for your first observations and even for taking your first photos of the Moon. And all in a quality that exceeds the standard. What do you need to get started? Equipment that allows you to make impressive observations immediately. This includes two eyepieces for low and medium magnifications. Sometimes you want to get even closer to the action. That’s exactly what the included 2x Barlow lens is for. It simply inserts between the eyepiece and the telescope and doubles the magnification of the corresponding eyepiece. An LED finder is extremely important for quickly searching and locating objects. A glowing point in the dark shows you exactly the way. You will quickly notice that this discreet component is just as important as your telescope. And with the extension tube, you always get the right focus.

Your smartphone becomes an astronomical camera

The most interesting element of this accessory kit is perhaps the smartphone adapter. It allows you to attach your own mobile phone directly to the eyepiece and take photos of what you observe. Capture the cratered landscapes of the Moon or photograph Jupiter and its moons. The included Bluetooth remote triggers ensure blur-free photos. Share your fascination for the starry sky with your family and friends. There’s nothing simpler.

Delivery contents:

- Telescope with mount and tripod
- LED finder
- Plössl eyepiece 25 mm (1.25")

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- Plössl eyepiece 10 mm (1.25")
- Amici prism 90° (1.25")
- 2x Barlow lens
- Extension
- Smartphone adapter
- Bluetooth remote triggers

TECHNICAL SPECIFICATIONS

Product type	**Complete set**
Type of telescope	**Astronomical telescope**
Type of construction	**Achromatic**
Aperture diameter (mm)	**90**
Focal length (mm)	**650**
F/D ratio	**7.2**
Focusing system	**Crayford**
Connection (to eyepiece)	**31.7 mm (1.25")**
Diagonal	**Amici prism 90° (31.7 mm)**
Eyepieces	**PL 25.0 and 10 mm (31.7 mm)**
Barlow	**2x**
Magnifications	**26x / 52x / 65x / 130x**
Finder	**Red dot finder**
Mount type	**Altazimuth**
Mount model	**AZ-BellaVista**
Mount control	**Manual**
Fine movements (precise)	**Yes, by flexible**
Tripod	**Steel, height adjustable**
Total weight	**5.1 kg**