



DESCRIPTION	ART. CODE	EAN
HD PENTAX-DA★ 16-50mm F2.8ED PLM AW	28030	0027075302952

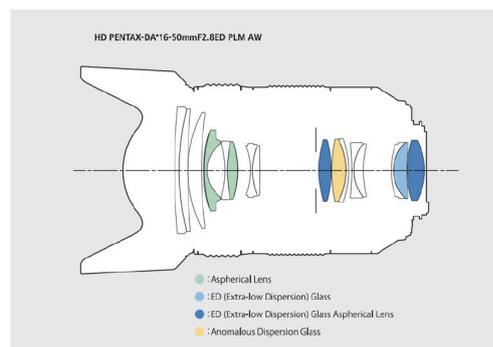
## HD PENTAX-DA★ 16-50mm F2.8ED PLM AW: The new fast standard zoom lens for the APS-C format, with the innovative design of the Star series.

- Correction of aberrations through various special lenses
- High input speed of F2.8 over the entire focal length range
- PLM AF motor for fast and precise focusing
- Electromagnetic iris control for precise exposure even with video
- Nine sealing rings against dust and moisture penetration

### Included Accessories

- Lens hood PH-RBN77 39996 | 027075303355
- Lens Cap O-LC77 31516 | 027075116191
- Lens Mount Cap K 31006 | 027075006508
- Lens Case S120-150 37727 | 027075027879

<b>FOCAL LENGTH</b>	16–50mm Equivalent to 24.5-76.5mm in 35mm format (when attached to PENTAX APS-C size DSLR cameras)
<b>MAXIMUM APERTURE</b>	F2.8
<b>MINIMUM APERTURE</b>	F22
<b>LENS CONSTRUCTION</b>	16 elements in 10 groups
<b>ANGLE OF VIEW (DIAGONAL)</b>	83°–31.5° (when attached to PENTAX APS-C size DSLR cameras)
<b>MOUNT</b>	KAF4
<b>MINIMUM FOCUSING DISTANCE</b>	0.3m (0.98ft.)
<b>MAXIMUM MAGNIFICATION</b>	0.24x
<b>FILTER DIAMETER</b>	77mm
<b>DIAPHRAGM CONTROL</b>	Electromagnetic diaphragm, fully automatic
<b>NUMBER OF DIAPHRAGM BLADES</b>	9 (rounded diaphragm 16mm: F2.8 – F5.6; 50 mm: F2.8 – F8)
<b>SEALING</b>	9 sealing rings
<b>TEMPERATURE</b>	–10°C ~ 40°C (14°F~104°F)
<b>HUMIDITY</b>	85% or less (no condensation)
<b>MAXIMUM DIAMETER X LENGTH</b>	Approx. 117mm x 84mm (approx. 3.3in. x 4.6in.)
<b>WEIGHT</b>	Approx. 712g / with hood approx. 750g (approx. 25.1oz. / with hood approx. 26.5oz.)



## HD PENTAX-DA★ 16-50mm F2.8ED PLM AW

With the introduction of the **PENTAX K-3 Mark III**, **RICOH IMAGING** has positioned itself as the manufacturer of classic SLR technology. In addition to a correspondingly sophisticated camera technology, the lens technology plays an essential role in the shooting process.

The **HD PENTAX-DA★ 16-50mm F2.8ED PLM AW** has been developed under specifications for the new generation of the "Star Series", which perfectly matches the APS-C flagship K-3 Mark III. Lenses in this series deliver the maximum performance in the PENTAX system and stand for:

- **Exceptional image quality**
- **Large aperture**
- **High-quality workmanship and materials with high robustness**

Compared to the **smc PENTAX-DA★ 16-50mm F2.8ED AL[IF]SDM**, the first generation standard zoom lens introduced in July 2007, this lens offers significantly improved imaging performance. And for the first time in a lens with this large aperture, a PLM (Pulse Motor) provides the necessary power in autofocus operation, ensuring fast and quiet autofocus operation. For better operability in manual focusing, it has been specially tuned so that the photographer can enjoy the process of photography entirely according to his or her own preferences.

The new generation of Star series lenses has been designed with future camera bodies in mind, and the increasing demands that will come with them.

With the new **HD PENTAX-DA★ 16-50mm F2.8ED PLM AW**, there is a significant increase in resolving power. In the course of this, it was possible to reduce various aberrations to a minimum in order to obtain a clear image with a natural bokeh effect. At the same time, the high-quality, multi-layer HD coating ensures higher light transmission and high-contrast images with less stray light than before.

By revising the optical design, the weight of the focusing lens group was reduced, which in turn made it possible to use a PLM motor in the first place, which significantly improved the focusing speed.

The universally appreciated weather resistance is achieved by nine sealing rings, as well as the front lens protection provided by the SP coating.

With the fast focusing speed, the high image quality and the elaborate construction, not only the buyers of the current model, the **PENTAX K-3 Mark III**, but also owners of older cameras of the PENTAX APS-C system are addressed.

