

marketinginformation

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kobold continuous light for video with DSLR cameras

Bron has developed and produced HMI continuous light for photographers since 15 years. Our aim was to offer photographers, who had a standard digital scan-camera at that time, a professional lighting system which, with as many reflectors as possible, was compatible with an already existing broncolor studio equipment.

Since the arrival of the first digital SLR (single lens reflex camera) with video function, continuous light has once again become increasingly an issue. The fact that the new DSLR cameras also record the sound, since recently even with multi-channel sound, present new challenges to the lighting manufacturer. This is not a new task for Bron Elektronik's development team, because for several years, along with the broncolor products, daylight lamps and electronic ballast units have been developed and produced in Allschwil near Basel, under the brand name kobold. These lighting systems, however, are being mostly used for productions in ENG (Electronic News Gathering). That means, whenever an interview needs to be recorded (as a rule outside the studio) and the person to be interviewed must be placed in the best light or the documentation of an event.



HMI is preferred because its light is around 3x brighter than halogen light of the same power output and that even in daylight colour temperature. If halogen light has to be filtered to daylight approximately a whole f-stop is lost.

The latest generation of the DSLR cameras offers adjustable video frequencies for 1080p full-HD-videos and is protected by a seal against dust and humidity. Here, too, the **kobold products of the DW series** can keep pace. **Fixtures and electronic ballast units are weatherproof (IP 54 or IP 43) and can be used even in pouring rain without additional protection.**

The fixture housing is made of high-strength steel and aluminium. Using an innovative bayonet system, it is possible to quickly exchange PAR and Open Face reflectors or adapters for diverse softboxes of well-known suppliers. Therefore, photographers can work with their familiar light shapers - be it in single frame or film mode. The 4-leaf barn door can be rotated 360°, and the optimised design of the reflector provides a high light output. The ergonomically positioned rotary knob with a mounted OF (Open Face) reflector enables focusing of 15° - 45°.

Four different lenses (NSP, MFL, WFL, VWFL) and a Fresnel lens for different light characteristics are available for the PAR reflectors.

During their entire service life, kobold fixtures offer electronically controlled, flicker-free light with constant output and are equipped with special UV safety glasses which absorb the harmful UVB-rays. Compared to previous and other HMI products on the world market, kobold products are characterised by a constant colour temperature. In addition to all these advantages, the fixtures and ballast units are compact and solidly built, and offer maximum reliability even under extreme weather conditions. All parts of the kobold systems may be acquired singularly or as a kit.

Please contact your kobold dealer for more information. Or visit us at www.bron-kobold.com