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Remote Controlled Camera Positioning

Koch Photography presents the Acadalus CPS Control Unit at this year's Photokina.

KÖLN — The rapid development of DSLR photography continually opens new fields to photographers, especially when combining the latest models with an electronically controlled camera head. Now the self leveling Acadalus CPS-h1 camera head, introduced earlier this year, can along with supported DSLRs be remotely controlled with the compact Acadalus CPS-mc1 Control Unit.

“Our customers often need to set up their camera in hard-to-reach positions in order to get the best vantage point for an assignment. They require a precise, reliable solution to quickly and effectively deliver what their clients want,” says Philipp Affeltranger, electrical engineer and a driving force behind the CPS-mc1 project. Users can use the palm-sized unit's 4.3” touch screen remotely to automatically level or precisely adjust the inclination of the Acadalus CPS-h1 camera head.

Electrical engineer Patrick Rennhard, Koch Photography's interface specialist, demonstrated the capabilities of the control unit in conjunction with different DSLR cameras. For example, photographers can start complicated exposure sequences by merely touching the screen. The device is a great help for shooting time lapse movies, HDR images and picture series where predetermined tilt movements of the head need to be combined with exposures.

The Acadalus CPS-mc1 was developed for photographic applications using motorized equipment. It is based on the latest generation of powerful yet very energy-efficient microprocessors, which is key to increasing the system's battery life on location. The unit features all major interfaces such as Bluetooth, USB, RS 332 and flash sync. Its software can be updated via USB on any computer with updates downloadable from <http://www.acadulus.com>. The unit can be powered either with an Acadalus Power Supply or an 18.5V Acadalus Lithium Ion Battery Pack. The device is slated for release in the first quarter of 2011.