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**NOT FOR RELEASE UNTIL APRIL 24**

**NEW ARRI HIGH-SPEED BALLAST EB MAX 1.8**

- **DMX remote control of operation mode and frequency**
- **Covers four power classes, from 575 to 1,800 W**

**(April 24, 2017; NAB, Las Vegas)** – ARRI announces a new flagship for its range of high-speed electronic ballasts. Designed for all discharge lamphoods between 575 and 1,800 W, the EB MAX 1.8 combines cutting-edge features with new remote control possibilities.

Since NAB 2015 ARRI has continually expanded its latest generation of electronic ballasts. All models are equipped with an AutoScan feature that ensures optimum light and image quality with a minimum of effort for high-speed recording up to 1,000 fps and beyond.

First to be released was the EB 12/18 HS AutoScan, which allows 12 kW and 18 kW discharge lamps to be used at lamp frequencies of 900 to 1,200 Hz. Later in 2015 ARRI offered the AutoScan mode in the 9 kW class with its EB 6/9 HS AutoScan ballast. At NAB last year the EB 2.5/4 HS AutoScan was announced, designed for the 2.5 kW and 4 kW power classes, and now at NAB 2017 ARRI completes the range by unveiling the all-new EB MAX 1.8.

The EB MAX 1.8 includes essential features such as Active Line Filter (ALF) and Compensation for Cable Losses (CCL), delivering maximum light quality with efficient supply and wiring. Besides lamp operation at 50 or 60 Hz if noise needs to be minimized, or at 75 Hz for standard frame rates, the EB MAX 1.8 accommodates high-speed frequencies at 1,000 Hz and – for the first time – at 300 Hz.

Three different modes are available for high-speed operation: AutoScan (fully automatic), Man (manual frequency control) or AutoMan (combining manual frequency setting with automatic frequency control). Using the AutoScan mode requires no further interaction by an operator. After a two-stage scan the lamp



frequency is selected and set by the ballast; all parameters are continuously monitored and adjusted automatically, if required.

The EB MAX 1.8 offers new levels of DMX control. In addition to on/off and dimming, both operation mode and frequency can now be controlled remotely. For ultimate ease of use, indicators on the ballast's front panel display the lamp wattage, DMX channel, operation mode and selected lamp frequency.

Despite its compact housing, the EB MAX 1.8 covers four different power classes: 575 W, 800 W, 1,200 W, and 1,800 W. When combined with state-of-the-art ARRI daylight lampheads such as the True Blue D5 and D12, or M-Series M8 and M18, it enables optimal performance and advanced controls for high image quality – at any frame rate.

**About ARRI:**

Arnold & Richter Cine Technik (ARRI) is a global company within the motion picture industry, employing around 1,300 staff worldwide. In 2017 ARRI is celebrating its centenary, having been founded in 1917 in Munich, Germany, where the headquarters is still located today. Other subsidiaries exist in Europe, North and South America, Asia and Australia.

The ARRI Group consists of five business units: Camera Systems, Lighting, Media, Rental and Medical. ARRI is a leading designer and manufacturer of camera and lighting systems for the film industry, with a worldwide distribution and service network. It is also an integrated media service provider in the fields of postproduction and equipment rental, supplying camera, lighting and grip packages to professional productions. ARRI Medical focuses on the use of core imaging technologies for surgical applications.

The Academy of Motion Picture Arts and Sciences has recognized ARRI's engineers and their contributions to the industry with 19 Scientific and Technical Awards.

For locations and more information please visit [www.arri.com](http://www.arri.com).