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ARRI facilitates development of the new bebob 24 Volt Battery Mount

- High power capability featuring universal battery communication
- Robust construction and seamless interlocking of components
- B-Mount will power all current and future ARRI cameras
- Specifications are fully documented and open to third-party battery and equipment manufacturers

April 4, 2019; Munich – Today’s digital cameras are increasingly pushing the performance limits of the established 12 Volt systems. In order to meet the increasing power demands of camera and lighting systems with a sustainable solution, the Munich battery manufacturer bebob, has developed the B-Mount—a new battery mount that makes it possible to supply 24 Volt devices while providing maximum flexibility regarding the choice of batteries and accessories. ARRI will be using the B-Mount for all of its future cameras.

This newly developed B-Mount interface has several decisive advantages compared to its predecessors. The new B-Mount provides 24 Volt high-power but is also equipped to support multi-voltage (both 12 Volt and 24 Volt). Being adaptable for the respective needs of compatible devices, the B-Mount makes it possible to supply all devices on set with a single battery system. Special attention was paid to designing a stable, robust construction, featuring the seamless interlocking of individual components. Having an open protocol and universal battery communication was also important in the B-Mount’s development. Previously, manufacturers had to develop various data transmission protocols for different device configurations. With the B-Mount interface, only one protocol is required. With the introduction of the B-Mount, ARRI and bebob aim to create a new, universal 24 Volt industry standard.
The specifications for this interface have been made accessible and have already been shared with various manufacturers in recent months.

“Since the introduction of our ALEXA LF, we have been looking for a 24 V standard, which will make it easier to work on set in the future. Bebob has now created a fitting solution with the new B-Mount,” says Stephan Schenk, Managing Director of ARRI Cine Technik, responsible for ARRI's Business Unit Camera Systems.

Christoph Aust, Managing Director at bebob comments: “We are very honored that ARRI supports the development of this important project. Besides its high-power capability, we consider the multi-voltage concept of the B-Mount interface to be a real game changer—therefore we will be presenting our first series of bi-voltage batteries with matching accessories at NAB.”

Visitors of NAB 2019 can gain a first impression of the new B-Mount interface at the ARRI booth (Central Hall: C6325) and the bebob booth (Central Hall: C8436).

About ARRI:
Arnold & Richter Cine Technik (ARRI) is a global company within the motion picture media industry, employing around 1,500 staff worldwide. The company was 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 and broadcast industry, with a worldwide distribution and service network. It is also an integrated media service provider in the fields of film post- and coproduction, international sales, as well as 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.

About bebob:
For more than 20 years, bebob stands for premium camera accessories, technical innovations, and proven quality “made in Germany.” Founded in 1995, the battery manufacturer is currently one of the most renowned producers in the film technology industry. Bebob has introduced features that continue to set standards in the industry, including virtually unbreakable batteries, replaceable cells, twist D-Tap, and the CINE V-Mount.

Tens of thousands of bebob batteries and chargers are currently in use at film and TV studios all over the world. Their product portfolio includes V-Mount and Gold-Mount compatible batteries, micro batteries, chargers, adapters, hot swap adapters, and more. Bebob’s groundbreaking technical solutions include the rugged yet space-saving Vmicro and Amicro batteries, and the CUBE 1200, a Multi-Voltage Li-Ion Battery with an extraordinary power capacity of 1176Wh and built-in charger.
For more information please visit www.bebob.tv