**For Immediate Release**

**BUF Technology**
**VQC-3000 "BUFclips" Software Upgrade for Video Server Control**

**San Diego, CA - September 15, 2009** -- BUF Technology expands the capabilities of its VQC-3000 video Q.C. controller to enhance video server support.  Full technical and visual Q.C. (quality control) is performed routinely on high end programming, particularly long form programs such as major motion pictures prior to delivery to broadcasters or before encoding for DVD.  Defects such as film scratches, specks, hairs, digital hits, noise, and compression artifacts often can be detected only by human visual observation.  A high performance controller is usually employed to speed the process, saving time and money.  The Q.C. operator watches the programming in real time and has complete and instant control over picture motion allowing questionable segments or frames to be identified frame accurately and documented in a Q.C. report for later repair.  Programming generally is transmitted by videotape, sometimes using superior formats like Sony's HDCAM-SR.  However, more and more programming is being recorded, post produced, and delivered entirely as file based objects, never leaving the domain of video servers.

To support video Q.C. operations using file based systems with minimal adjustment to current procedures, BUF Technology introduces "BUFclips", a software program that runs on a PC connected to any new or existing VQC-3000 video Q.C. controller.  The system controls video servers using VDCP (video disk communications protocol - formerly "Louth Protocol"), a "9-pin" RS-422 protocol common to almost all video servers.  VDCP is to video servers as the "Sony 9-pin" VTR control protocol is to videotape recorders.  BUFclips displays clip names reported by the server and features one click clip loading and jog/shuttle control essentially identical to that of VTRs (depending on the video server's capabilities and file format limitations, e. g. "long-GOP" compression formats like some forms of MPEG tend to play with rough motion in reverse).  Long clip names are supported. Other features such as drag and drop playlists are also included.

In addition to its video server related features, BUFclips also facilitates automatic timecode entry.  When problem frames are identified by the operator, the timecode number must be entered into the Q.C. report.  Manual entry of timecode numbers takes time and is prone to errors, so BUF Technology developed a system for entering the numbers automatically via a serial connection between the controller and PC.  Because this feature could only be used with custom Q.C. report software, BUF Technology developed BUFkeys, a software utility that allows the numbers to be entered into any program as though typed on the keyboard.  A simple F-key keystroke either on the PC or the controller "types" formatted timecode wherever the "caret" (keyboard cursor) is located.  Any program that would normally receive keystrokes typed on the keyboard, receives the timecode, and formatting is easily customized including pre and/or post characters, drop frame indication, etc.  This allows exact timecode numbers to be entered quickly and accurately into any program running on the PC including popular spreadsheet, database, and word processing programs.  BUFclips includes all the features of BUFkeys and runs on all versions of Windows (98SE or later).  Also new for BUFclips is that it works on the Vista operating system (Windows and Vista are trademarks of MicroSoft corporation).  Since Q.C. rooms commonly already have a PC running BUFkeys, it is simply a matter of replacing BUFkeys with BUFclips and updating the firmware in the VQC-3000 to upgrade an existing Q.C. room to file based Q.C.

Any new or existing VQC-3000 will work with BUFclips - existing VQC-3000s require a firmware update. BUFclips is available for half price when purchased with a new VQC-3000.  Please contact BUF Technology www.buftek.com for pricing and other information.