

# VQC-3000

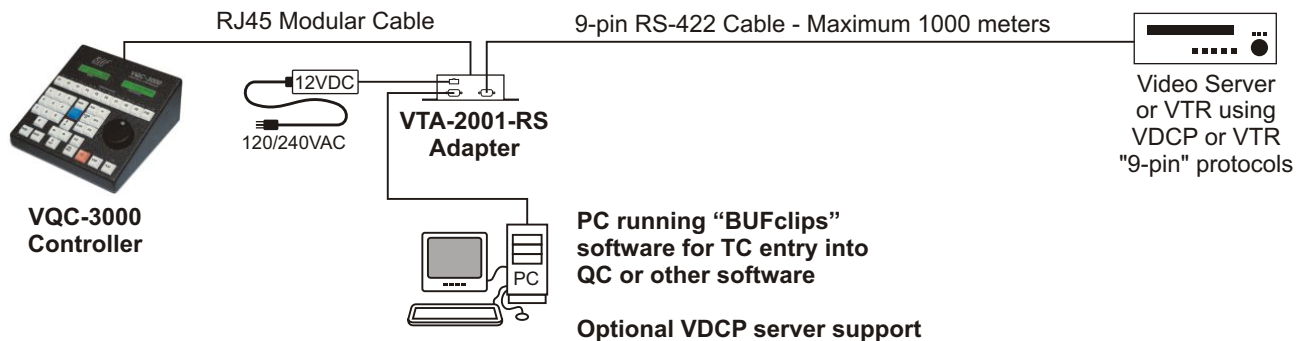
## Video Quality Control System



VQC-3000

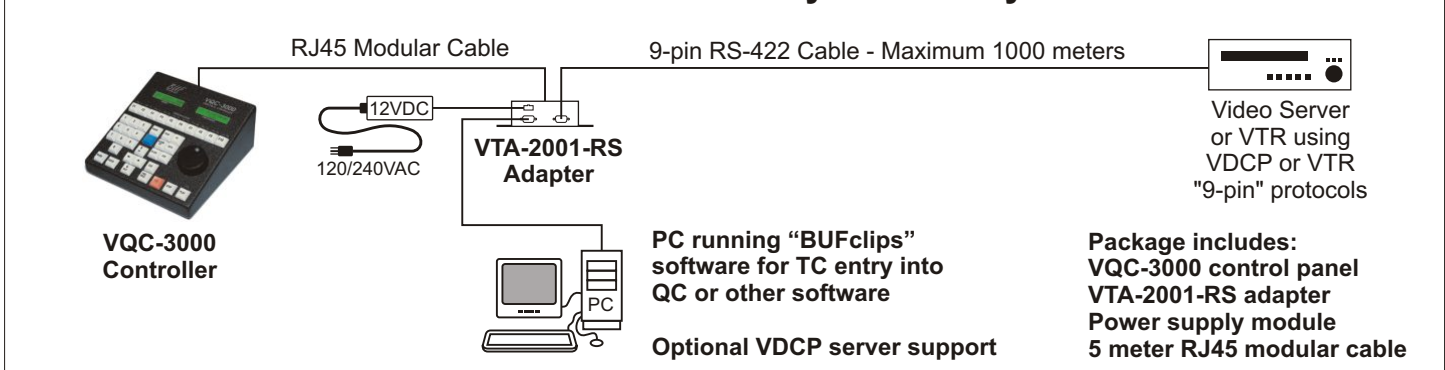
Uses: quality control of server or tape based video programming

- Industry standard controller for QC operations - approved by major studios
- Saves time and money by speeding the QC process & eliminating errors
- BUFclips software issues TC keystrokes into any PC application
- Works with PCs running all versions of Microsoft Windows
- Optional BUFclips powerful clip management features
- Smooth & natural linearized jog/shuttle - 1000 cue point memory
- User programmable macro keys change menu settings instantly
- No cost "no record" (-NR) option for playback-only applications
- 24fps video compatible
- VTR RS-422 remote protocol and optional VDCP server support



**PERFECT FOR VIDEO QUALITY CONTROL OPERATIONS**

## VQC-3000-RS Video Quality Control System



### Overview

The VQC-3000 is used in QC rooms everywhere. Tough enough to take a daily beating for years, the VQC-3000 has become the industry standard video QC controller. Time is money, and this controller quickly pays for itself by maximizing the QC staff's productivity. The high resolution jog/shuttle knob is optimized to zero-in on specific problem frames quickly. Response always feels the same, whether controlling a VTR with RS-422 Remote Control Protocol or a video server using VDCP control. Timecode is always read accurately with auto recognition of all TC standards, including 24fps. Various settings can be tweaked by different operators and stored in nonvolatile personality registers. Ten user macro keys can be programmed to change menu items such as selection of LTC vs. VITC display and recall of personality settings. For playback-only applications, the no cost -NR "No Record" option makes recording impossible from the panel and replaces the REC and PREROLL keys with programmable speed shuttle keys.

### BUFclips - TC Keystroke Utility

"BUFclips" is a companion software package for the VQC-3000 that adds standard and optional functionality. BUFclips runs on any Windows\* PC, and connects to the controller via RS-232 or USB. No cost features include a powerful set of keystroke simulation tools that speed the process of entering timecode numbers and various commonly used terms.

"Hotkeys" can be configured to "type" timecode and other data into any running application as though it is being typed on the keyboard. BUFclips runs in the background and simulates keyboard keystrokes that enter into whatever application has the *focus* of the keyboard *caret*. This allows any program to be used for QC report generation, ranging from custom third party software to standard off-the-shelf applications such as spreadsheet programs.

Hotkeys can be any PC keyboard keys such as the F-keys or keys while CTRL is held. Hotkeys can be configured to type various fixed terms (*dirt*, *hit*, *flash*), or to type timecode numbers surrounded by pre, post, and/or delimiter formatting character strings (*TC*, *colons*, *semicolons*, *periods*, *DF*). Separate formatting is provided for DF vs. normal timecode. Anytime an operator notices that a term is being used often, a new hotkey can be configured to type that term with just a single keystroke, further speeding the QC process.

When a timecode hotkey is hit (or F10 on the VQC-3000), BUFclips queries TC from the VQC-3000, which immediately returns it to the computer, then BUFclips formats the timecode and types it into whatever application has the *focus* of the keyboard *caret*. BUFclips also places this formatted data into the Windows\* clipboard.

BUFclips can cause the VQC-3000 to send a cue command based on data that is in the clipboard, whether from BUFclips or copied from another program (such as from a saved QC report), just by pressing a hotkey. This makes it fast and easy to return playback to any previously recorded event, whether during the QC session, or at any time in the future.

### BUFclips - Optional VDCP Server Control

BUFclips optional features are enabled by installing a USB Dongle (security key) into the PC. Optional features include VDCP control of video servers. Clips are queried from a connected server and displayed in a window. Clips can be copied and pasted between the clip window and any number of playlists. Clips can be loaded with a simple click, and playback can be controlled just like controlling a VTR, including jog and shuttle if the server and codec supports it.

BUFclips is available at: <http://www.buftek.com/software/BCLsetup.zip>.

\* Windows is a trademark of Microsoft Corp.

#### DDRs/servers

360 Systems  
 Abekas  
 AJA  
 DataVideo  
 Doremi Labs

#### Drastic

Fast Forward  
 Evertz  
 Grass Valley/Thomson  
 Harris/Leitch  
 Omneon

#### Quvis

Ross  
 SeaChange  
 Sony  
 Tektronix

#### RS-422 VTRs

JVC  
 Panasonic  
 ProTools  
 Sony

#### RS-422 Audio Decks

Fostex  
 Nagra  
 Sony  
 Tascam