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SETTING A UNIVERSAL ACTUATOR FOR OPERATION IN LEGACY MODE

Technical Note 429

It is sometimes desirable to operate a universal actuator in its legacy mode, which emulates the behavior and responses of micro-electric actuators. For example, some lab software products may be designed to incorporate VICI micro-electric actuators, but not the newer VICI universal actuators.

In most cases, this configuration is easily accomplished via the menu tree of the manual remote. However, since that method is not available for actuators set up for USB communication and manual remotes are sometimes not on hand, an alternative method is provided.

Configuration Via Manual Remote

1. Press and hold the HOME/SETUP button on the manual remote for 5 seconds to enter the Setup Mode.
2. Select Interface Setup > RS-232 or RS-485 > Set Legacy Mode > On.

Configuration Via Serial Communication

If serial communication is already established between the computer and actuator, turn on the legacy mode by typing in LG1 <enter>. (If the ID feature is enabled, you will need to type nLG1 <enter>, where n is the ID of the actuator.)

If communication has not been established, follow the instructions in the chapter entitled "Optional Serial Inter- faces (RS-232/485)" in the Universal Actuator Manual, supplied with your actuator or available for download in the support section of vici.com.

Configuration Via USB Communication

If communication is already established between the computer and actuator, turn on the legacy mode by typing in LG1 <enter>.

If communication has not been established, locate the chapters entitled "Optional USB Interface" and "Appendix A: Installing USB Drivers" in the Universal Actuator Manual, supplied with your actuator or available for download in the support section of vici.com. Once the virtual COM port is set up, communication is essentially the same as described for RS-232.