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Find the *Vincent / UniBlitz D122* at our website: *Click HERE*

UNIBLITZ®...

D122 SHUTTER DRIVER CONTROLLER SPECIFICATIONS

FEATURES

- Three modes of operation to be selected with key switch.
  1) Standard shutter operation (STD) exposure determined by external pulse source or switch contact closure.
  2) Line interrupt (A) with power loss; unit powers down. When power is restored, unit must be manually reset to resume standard operation.
  3) DC interrupt (B) detects break in external switch contact. When continuity is restored, unit must be manually reset to resume standard operation.
- Normally open or normally closed shutter operation.
- Can drive all shutters to their maximum repetition rate.
- Exposure determined by external pulse (BNC, TTL) or switch contact closure.
- Pulsed on/pulsed off exposure control (BNC, TTL) from external pulse or remote actuate cable.
- Reset from external pulse (BNC, TTL), front panel reset switch, or remote actuate cable.
- All inputs can be controlled by a rising or falling edge.
- All inputs controllable via RS-232 interface.
- Exposure pulse output BNC, TTL.
- Electronic synchronization output BNC, TTL.
- 710C shutter interconnect cable included. (7-pin female to 7-pin male. 10 ft.)
- Black aluminum enclosure.
- Operates on both 115AC and 230AC voltages, automatically switching as required.
- Power input 115/230 VAC three prong plug.
- Size (HWD) 2.60 x 5.50 x 8.000 inches (6.60 x 13.9 x 20.3 cm)
- Weight 4 lbs. (1.81 Kg)

For externally timed control, the D122 is ideal. This shutter driver controller can operate all Vincent shutters to their maximum repetition rate.

With key selection, the D122 can be operated in any one of three modes, depending on the application. In addition, it can be used for normally closed and normally open shutter configurations. Exposure control can be activated by external pulse or remote actuate cable. Reset can be accomplished by external pulse, front panel reset switch or remote actuate cable.

OPTIONS

- 710R–(BNC male to hand held pushbutton switch.) For remote manual operation of the D122, this 10' remote activate cable is available. The 710R connects to any D122 input BNC connector. Upon depression of the hand held switch, the selected input BNC function will be activated. (A foot activated switch can be substituted for the hand held type; please contact the factory for further details.)
- 910RS–(9-pin D-sub male to 9-pin D-sub female.) For RS-232C input control from a personal computer, this 10' interconnect cable is available. The 910RS connects the RS-232C computer serial port to the RS-232C input of the D122.

D122 FRONT PANEL

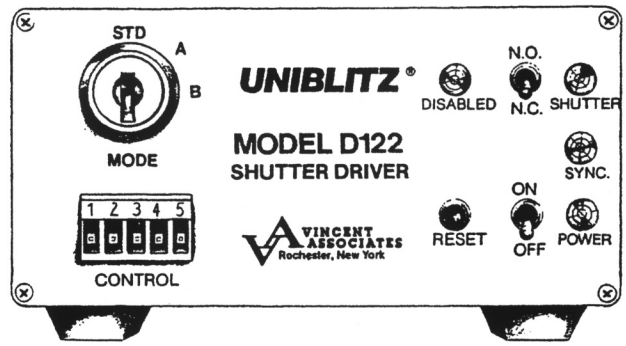


FIGURE 1

Simple and straightforward controls allow the D122 to be easy to use and configure. LED indicators reveal shutter status at a glance, while the key switch will set the unit to a specific interrupt mode not allowing an inadvertent change in setting once the key is removed.

D122 REAR PANEL

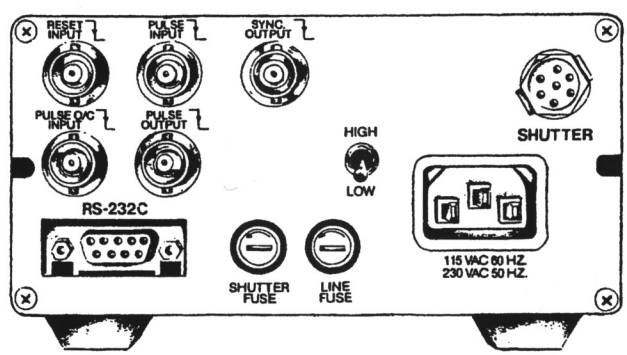


FIGURE 2

All main input/output functions can be accessed at the D122 rear panel, including the 115/230VAC input, which will automatically determine the level of the user supplied AC line power. Additionally, BNC connectors allow for quick termination of active low TTL command signals.

Due to our ongoing product development program, Vincent Associates reserves the right to discontinue or change specifications or designs or any products at any time, without incurring any obligations.

U.S. Pat. No. 3,745,421; 4,513,345

Drawings shown are for illustrative purposes only. 794–Printed in U.S.A.

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