

UNIFLEX RELAY SYSTEMS

"UNIQUELY FLEXIBLE"

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Pipe Dreams - Remote Tuning

By Dick Wilcox

A couple of weeks ago I sent out a request for ideas on a remote tuning device and the response was both gratifying and overwhelming! Many different ideas and philosophies were offered causing me to rethink the way the devices had been used. I purchased an RF remote control designed to control the Media Center on a PC wirelessly through a USB receiver. I programmed a new "tuning" mode in the relay software which recognizes the remote key/mouse inputs and performs functions without running through the definition file. Specific functions such as selecting one or two ranks, selecting pitches, incrementing or decrementing note numbers in the ranks and running in chromatic or diatonic mode are all possible. All of this can be done with NO additional wiring and NO use of valuable signal pins. The next step involves flexibility, the hallmark of the Uniflex relay.

Day Dreams

By Linda Wilcox

Inventory is the backbone of customer service. A major part of our commitment to provide excellent customer service entails our ability to provide our products in a timely manner. We are now able to meet this commitment head on!

The available supply of Uniflex boards of all types now makes it possible for us to ship most orders within a week to ten days and even faster if necessary due to an emergency. We realize that waiting weeks and at times months

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"It is hard to fail, but it is worse never to have tried to succeed." -Theodore Roosevelt	

I'll be working on a way to allow the remote control device keys to activate specific functions that can be uniquely identified for each individual customer according to their special needs. This will allow each customer to determine how simple or complex their remote device will be. My goal is to make the device inexpensive, programmable, readily available and eliminate the need for any extra wiring.

In addition, playing the organ from the "couch potato" position is possible! I hope to have a demonstration at the ATOS Convention in Cleveland in July. See you there!



for a board or a complete system was intolerable and we are committed to a more responsive delivery policy.

Please remember to include a complete address and telephone number with your order as this is required for our shipping carrier. We will confirm shipment with an estimated delivery date and package tracking number for every order. Also, keep in mind that you can now remit payment using a debit or credit card through PayPal at no additional cost.

Thoughts of the Future.....Positive-Common Boards

Uniflex has redesigned the new 128-pin output board to support current-sinking positive-common stop magnets which many of the consoles have. The design is finished and production boards should be tested and ready for shipment in June 2009. These new output boards look like the current 128-pin current-sourcing negative-common boards but different driver chips will allow current sink of up to 500 milliamps per pin. Wiring plugs are the same and the layout is identical except for a heavy ground connection required to return the magnet current to the rectifier or battery supply.

Uniflex now offers 2 types of new 128-pin input boards and 2 types of new 128-pin output boards. These boards are all identical in size and all use the same 26-pin ribbon interconnecting cables that have been used for years, all the way back to the Devtronix systems. Any combination of old and new boards, positive or negative common or keying can be mixed in any configuration to suit the customer's needs. The price is \$130 for either polarity input board and \$200 for either polarity output board.

Nothing will ever be attempted if all possible objections must be overcome. - Samuel Johnson

It's a New Day..... The Brick is Gone!!!

The newly designed Uniflex parallel port board is ready for shipment. The new board does not require the "brick" power supply. A power cable with a connector and standard 18 gauge red and black wires replaces the power supply. All of the newly designed boards, including the new 128 pin output boards, now require this same connector to connect to the standard 13.8-volt logic supply. The wiring tool is similar to the tool used to wire the 8-pin connectors but it has different pin spacing. If care is taken, the 18-gauge wires could be inserted into the connector using a flat-blade screwdriver. Customers have asked if the power could be taken from the 26-pin ribbon cable that connects the interface to the console and chamber input and output boards. The new design does not permit this since the console

usually has a different logic supply than the chambers and cross-connecting these two supplies could have disastrous effects. So the new board will require a separate connection to the 13.8-volt logic supply using the new 2-pin connector and 18-gauge wires. The power demand for this new interface is 300 milliamps. In cases where the interface is remotely located from the console or chambers, a standard 12-volt 500-milliamp DC "wall-wart" power supply could be used. The new parallel-port interface measures 5 inches high and 8 inches wide and mounts with the same screws that the input and output boards use.

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