

For internet kiosks running NetStop, i-table, SiteKiosk, Surf Timer.

This board is used to interface standard pulse output coin acceptors (electronic or mechanical), and note acceptors, to an Internet kiosk running kiosk management systems Site Kiosk, and NetStop and its derivatives. This version is intended for US currency. 25c, 50c, \$1 accepted as coin; \$1, \$5, \$10, \$20 accepted as notes.

Kiosk software is available for trial and purchase at www.sitekiosk.com, www.netstoppro.com, www.surf-timer.com, www.i-table.com

COIN ACCEPTOR REQUIREMENTS.

Electronic acceptor.

Any coin mech which conforms to the 10 pin parallel output industry standard can be connected by simply plugging into the 10 pin ribbon cable socket provided on the interface board. The interface board supplies the coin acceptor with 12 volt power via the ribbon cable. Pulses shorter than 15 ms or longer than 200 ms will be rejected. The pulse width normally programmed into the coin acceptor is 100ms. The coin acceptor socket pinouts are as follows.

Pin 1. GND
Pin 2. +12 v
Pin 3. line 5, \$0.50
Pin 4. line 6, not used
Pin 5. not used
Pin 6. Inhibit
Pin 7. line 1, not used
Pin 8. line 2, not used
Pin 9. line 3, 25c.
Pin 10. line 4, \$1.00

Mechanical acceptor.

The coin lines are also routed to the edge connector. If using a mechanical coin acceptor with micro switches, connections may be made as required to the edge connector pins.

NOTE ACCEPTOR REQUIREMENTS

The note channel lines are routed to the edge connector.

For acceptors with parallel pulse outputs, lines can be assigned to their matching channel inputs.

For acceptors with a serial pulse output, the output can be assigned as required. \$1 serial pulse readers are often encountered, the pulse output would go to the \$1 note input.

Pulses shorter than 15 ms or longer than 200 ms will be rejected. The pulse width normally programmed into the coin acceptor is 100ms.

SETUP.

When using the Sunrise supplied wiring loom, connect the 4 pin power cable to a spare PC power supply disk drive connector, or use a Y adaptor if no spares. Connect the DB9 plug into a spare COM port. Make sure the coin acceptor has been programmed correctly, and plug the ribbon cable into the 10 pin socket on the interface board. If the interface board is fitted with a dip switch, all switches should be OFF.

NetStop / i-Table / Surf Timer version 3.x

To configure NetStop 3, run SetKiosk, supplied with Netstop 3.

Select **CASH PAYMENTS** tab. Under **Acceptor 1 or 2**, select **Sunrise** and the desired COM port. In the coin channel value boxes, the first should be set to **0.2500**, the other 15 boxes are greyed out. Set the currency and prices.

NetStopPro / i-Table version 4

To configure NetStopPro 4, run DesignerPro, supplied with NetstopPro 4. Under **Access: General**, select a Prepaid payment mode.

Under **Access: Prices & Taxes**, set currency and prices.

Under **Access: Cash Payments**, select Sunrise as the Acceptor, and select your COM port connection. Enter value **0.2500** in the top left coin channel box. The other 15 boxes are greyed out.

Site Kiosk

Install SiteKiosk and the Site Cash plug in.

Run \SiteKiosk\Config.exe

Under **Plug-Ins: Payment Devices**, select device name "**PulseDevices**" and click **Configure**.

Select "**Sunrise**" as the Pulse Interface, and select your COM port connection. Use value **0.25** for Value per Pulse.

EDGE CONNECTOR

<u>Component Side</u>		<u>Solder Side</u>
	-	1 DB9 pin 7 (RTS)
	-	2 -
\$5 Note input	3	Service switch input
\$10 Note input	4	-
\$1 Note input	5	Alt 25 cent coin input
	-	6 -
\$20 Note input	7	Alt \$1 coin input
Antenna	8	Alt 50 cent coin input
	-	9 -
	-	10 -
Spark Reset out	11	Note Meter output (\$1 increment)
	-	12 Coin Meter output (25c. increment)
	-	13 DB9 pin 6 (DSR)
	-	14 -
	-	15 -
	-	16 -
	-	17 -
	-	18 -
Power input 12 volts DC	19	Power input, 12 volts DC
Power input 12 volts DC	20	Power input, 12 volts DC
GND	21	GND
GND	22	GND, DB9 pin 5

ANTENNA. This is anti spark gun security measure. A simple static pickup antenna wire may be connected to the interface board. The length of the wire and its proximity to the cabinet wiring harness will determine the sensitivity of the static reset function. Operation is indicated by the flashing of the on-board LED indicator.

SPARK RESET OUT. This is an open collector, active low output which may be connected to the motherboard board /RESET input.

COIN METER. If desired , an electro-mechanical coin counter may be connected and used as a backup for the PC metering software. All coin registrations are accumulated as 10 cent units on a single coin meter. Connect a coin meter between 12 volts and Coin Meter Output . No diode is needed, the credit board contains an internal protection diode.

SERVICE CREDIT SWITCH input, allows a push button switch to give free credit units for testing the system without incrementing the mechanical coin meter, and bypassing the coin acceptor. The switch connects between the input and GND when pressed.

ALT. COIN SWITCH INPUTS If not using the 10 pin ribbon cable socket to connect the coin mech, individual coin pulse lines can connect to these pins.