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Apple III Port C: RS-232-C Pinouts & Configuration (10/94)

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Revised:        10/12/94
Security:       Everyone


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TOPIC -------------------------------------------------------

The following table explains how use System Utilities to configure the driver
for the RS-232 port (Serial Interface and Serial Card III).  Remember to set the
slot number on the Serial Card III driver.


DISCUSSION --------------------------------------------------


Data Configuaration Blocks:

Data Configuration
Block Address:          $00
Baud rate:
  110                   $03
  134.5                 $04
  300                   $06
  600                   $07
 1200                   $08
 1800                   $09
 2400                   $0A
 4800                   $0C
 9600                   $0E


Data Configuration
Block Address:          $00 $01
Data Format:
 Bits Parity
  8    none                 $00
  7    odd                  $22
  7    even                 $26
  7    MARK                 $2A
  7    SPACE                $2E
```

```
6    odd                 $42
6    even                $46
6    MARK                $4A
6    SPACE               $4E
```

Data Configuration   *   *   *

Comm Protocol:	$00	$01	$02	$03	$04	$05	$06	$07	$08	$09	$0A	$0B
Block Address:												
none						$00						
XON/XOFF						$80	$13	$11	$DF	$84		$00
ENQ/ACK						$40	$05	$06			$50	$00
ETX/ACK						$40	$03	$06			$50	$00
HW Handshake						$00			$DF	$84		$80

```
* $02 - Delay after CR
* $03 - Delay after LF
* $04 - Delay after FF
```

Delays (bytes $02, $03, and $04)

Using this driver to connect to a printer may require that you set delay times while the printer advances to a new line or the top of a new page. These delays are given in the range $00...$FF characters. The RS-232 driver will wait for the time taken to transmit the amount of character specified before it sends the following character.

Pinouts:

```
DB-25
Connector   Signal Name
 1 ......    Shield Ground
 2 ......    Transmit Data      (Tx)
 3 ......    Receive Data       (Rx)
 4 ......    Request to send    (RTS)
 5 ......    Clear To Send      (CTS)
 6 ......    Data Set Ready     (DSR)
 7 ......    Signal Ground
 8 ......    Data Carrier Detect      (DCD)
20 ......    Data Terminal Ready      (DTR)
```

Serial Card III has a modem eliminator button; when this button is "in", the above pinouts are correct. If the button is "out", this has the effect of a modem eliminator cable being installed. (For more information on modem eliminator cables, search this database for MODEM AND ELIMINATOR.)

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Support Information Services

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