

PANEL GUIDE

Aritech CD Range – RS232

Updated March 6, 2025

Latest information

<https://www.csl-group.com/panel-guides/carrier/aritech-cd-range-rs232/>

Panel Connection – RS232

Manufacturer	Aritech
Model	CD Range
Version	CD95, CD72
Panel Profile	ARITECH-CD-RS232
Panel Connection	RS232
Technical Notes	To access the MPI232 settings you will need to connect your PC to the MPI232's DTE serial port. Run up a terminal application and set at 9600, None, 8, 1.

Panel Connection Information

RS232-T	PL1/PL4 Printer Connection Rx
RS232-R	PL1/PL4 Printer Connection Tx
RTN	PL1/PL4 Printer Connection Gnd

Panel Programming

Menu 9 – Communications Menu

- Set switch 3 on the MPI232 module to OFF.

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- Power up MPI232 module.
 - You will see the following: MPI V2.23 programming main menu
 - 1 – Central station menu
 - 2 – Report options
 - 3 – Protocol options
 - 0 – Exit MPI programming
 - Make your choice:
 - Select 3: Protocol options
 - 1. Modem init string: AT&K0&DE1V1Q0S0=0S7=10
 - 2. Modem dial string: ATD
 - 3. Modem hangup string: ATH
 - 4. Modem connect string:
 - 5. CLID string 1: 00001
 - 6. CLID string 2: 00002
 - 7. Baudrate RS-232 port: 9600
 - 8. Baudrate V31bis port: 9600
 - 0. Back to main menu
 - + Next page
 - – Previous page
 - Make your choice:
 - Select 5: CLID string 1 and set to '00001'
 - CLID string 1: 00001
 - Press Enter key
 - Select +
 - Protocol options menu
 - 1. One account per call: Yes
 - 2. One event per block: Yes
 - 3. Three digit event numbers: No
 - 4. Text in SIA: Yes
 - 5. PA auto-restore: No
 - 6. Dual reporting: No
 - 7. Auto dial: No
 - 8. PC calls: Yes

- 9. Protocol: V24
- 0. Back to main menu

- + Next page
- – Previous page
- Make your choice: Select 2: One event per block
- One event per block (Y/N): Select Y
- Do the same for 4: Select 'Y' for Text in SIA
- Do the same for 8: Select 'Y' for PC calls
- Select +
- Protocol options menu
 - 1. Wait for modem reply : 005
 - 2. Wait for modem dial reply : 010
 - 3. Wait for redial : 015
 - 4. Max dial attempts/CS : 240
 - 5. Max modem command attempts: 003
 - 6. Event delay : 020
 - 7. DCD timeout : 255
 - 0. Back to main menu

- + Next page
- – Previous page
- Make your choice: Do the same for 7
- Set value to 255 for DCD timeout. This disables DCD timeout
- Select 0 to go back to main menu:
- Select 1: Central Station menu
- Central station menu
 - 9. Network address: 511100
 - 0. Back to Central Station menu

- Make your choice: Select 9
- Network address and make sure there are 6 or more digits. They can be any combination.
- Select 0 until you are at the main menu
- Select 0: Exit MPI programming and follow instructions
- Turn PC-programming dip-switch 3 on to exit.

IMPORTANT: Last and crucial, make sure switch 5 on the MPI232 module is set to OFF. This turns off callback mode.