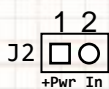This brief is intended for Control Engineers and Technicians who are installing,
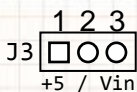programming or maintaining a MediaPro Control System.

It is assumed that you have some understanding of Show Control, Windows PCs,
and have some experience with MediaPro 4000 Systems.
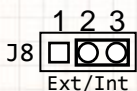
J2) Two pin Header, Internal Power In {do NOT jumper !}

for normal operation J2 should be Open (Factory configured)
Pin 1 "Power In Jack" Voltage (9 to 24VDC Typical)
Pin 2 "Power In Jack" Common / Ground

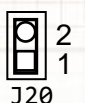J3) Three pin Jumper, RS232 Serial Maintenance Port power options {200ma}

for normal operation J3 should be Open or jumpered 1-2
Open, for no power on pin one of the RJ12 front panel connector
Jumper 1-2, for +5VDC {e.g. HMT}
Jumper 2-3, for MSC "Power In Jack" Voltage {9 to 24VDC Typical}
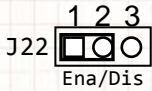
J8) Three pin Jumper, Internal 5VDC source selection

for normal operation J8 should be Jumpered 2-3
Jumper 1-2, for when 5VDC is supplied at "Power In Jack"
Jumper 2-3, for Internal 5VDC Regulator (Factory configured)
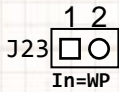
J20) Two pin Jumper, Start Control (Boot Mode Select)

for normal operation J20 should be Jumpered
Open for Internal Boot ROM
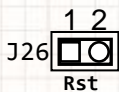Jumper 1-2 for External Flash (Factory configured)

J22) Three pin Jumper, parallel NOR Flash Write protection

`J22` `1 2 3` `Ena/Dis`

        for normal operation J22 should be Jumpered 1-2

        Jumper 1-2, for Write Enable (Factory configured)

        Jumper 2-3, for Write Protect
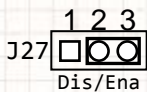

J23) Two pin Jumper, SPI serial NAND Flash Write protection

`J23` `1 2` `In=WP`

        for normal operation J23 should be Open

        Open, for Write Enable (Factory configured)

        Jumper 1-2, for Write Protect

J26) Two pin Jumper, CPU JTAG System Reset Configuration

`J26` `1 2` `Rst`

        for normal operation J26 should be Jumpered 1-2

        Open, to Isolate JTAG System Reset

        Jumper 1-2, for JTAG Reset Active (Factory configured)

J27) Three pin Jumper, CPU JTAG Select

`J27` `1 2 3` `Dis/Ena`

        for normal operation J27 should be Jumpered 2-3

        Jumper 1-2, to Select JTAG boundary scan

        Jumper 2-3, to Select JTAG ICE TAP debug (Factory configured)

J34) Two pin Header, Common Ground {not a jumper}

`Gnd` `J34`

        for normal operation J34 should be Open (Factory configured)

        Both pins are a Common / Ground reference point

J2

J8

J3

J20

J22

J34

J23

J26, J27