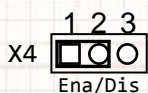This brief is intended for Control Engineers and Technicians who are installing, programming or maintaining a MediaPro Control System.
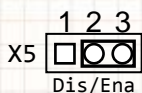
It is assumed that you have some understanding of Show Control, Windows PCs, and have some experience with MediaPro 4000 Systems.

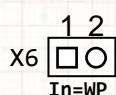*X4) Three pin Jumper, parallel NOR Flash Write protection*

for normal operation X4 should be Jumpered 1-2
Jumper 1-2, for Write Enable (Factory configured)
Jumper 2-3, for Write Protect
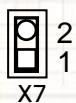
X5) Three pin Jumper, CPU JTAG Select

for normal operation X5 should be Jumpered 2-3
Jumper 1-2, to Select JTAG boundary scan
Jumper 2-3, to Select JTAG ICE TAP debug (Factory configured)
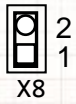
X6) Two pin Jumper, SPI serial NAND Flash Write protection

for normal operation X6 should be Open
Open, for Write Enable (Factory configured)
Jumper 1-2, for Write Protect

X7) Two pin Jumper, CPU JTAG System Reset Configuration

for normal operation X7 should be Jumpered 1-2
Open, to Isolate JTAG System Reset
Jumper 1-2, for JTAG Reset Active (Factory configured)

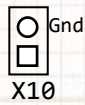X8) Two pin Jumper, Start Control (Boot Mode Select)

2
1
X8

for normal operation X8 should be Jumpered
Open for Internal Boot ROM
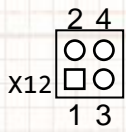Jumper 1-2 for External Flash (Factory configured)

X10) Two pin Header, Common Ground {not a jumper}

Gnd
X10

for normal operation X10 should be Open (Factory configured)
Both pins are a Common / Ground reference point

X12) Four pin Jumper,

2 4
X12
1 3

for normal operation X12 should be Open
Open for Running Firmware (Factory configured)
Jumper 1-2, to Run Boot Only

X4

X6   X12   X5   X7   X8   X10