

# cf2 mini cardframe



The CF2 Mini CardFrame can add a small touch of control to a central system, extend control to anywhere in the home, or act as a compact system master and controller.

Each Mini CardFrame can hold up to two modular Control Cards, communicating with other AMX system components over the PhastLink data bus.



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## PLB-CF2 MINI CARDFRAME

- Holds up to 2 control cards
- Acts as system master (with MCU card) or adds two control cards to an existing system
- Operates interactively over high-speed Ethernet connection to system PC with AMX software (with MCU card)
- Distributes control from PhastLink ports, supports up to 10 devices and one keypad in Master mode

## CARD SLOTS

- 2 rear-access slots

## PHASTLINK

- 2 RJ-45 ports

## DIP SWITCH

- Sets Cardframe device number

## LED INDICATORS

- Red Link LED on front
- Red Power LED on front
- Green Data LED on back
- Red DIAG (diagnostic) LED on back

## DIMENSIONS (HWD)

- 2.0" x 6.3" x 13.5"  
(50 mm x 159 mm x 336 mm)

## WEIGHT

- 3.5 lbs (1.6 kg) w/o card

## POWER

- 40 mA w/o cards, 1.5 A 12 VDC power supply included

## ACCESSORIES

- PM-RAC2 PLB-CF2 Rack-Mount Kit (holds 2)

## CONTROL CARDS:

### PLC-MCU4

#### MASTER CONTROL CARD, 4 MEG

- Application: Master system processing and memory one required per system
- PanjaLan: RJ-45 Ethernet 10baseT port to system PC
- Memory: 4 MB flash, 4 MB SRAM
- Power: 480 mA

### PLC-AMX AMX EMULATION CARD

- Application: Link up to 255 AMX devices
- AXLink: 4-pin AMX AXlink data/power bus
- Program: 9-pin male D-Sub programming connector
- Power: 130 mA\*

### PLC-DTMF

#### TELEPHONE INTERFACE CARD

- Application: Caller ID, additional applications with future software releases, limit one per system
- Line In: RJ-11 jack
- Phone: RJ-11 jack
- Audio: RCA line-level audio in and out
- Power: 35 mA

### PLC-IN7 CONTACT INPUT CARD

- Application: Sense closures or voltage changes
- Inputs 1-7: 7 inputs, closure or 1.6-30 VAC/DC voltage change auto-reset fuse protected
- Power: +12 and +5 VDC power for accessories, 1 A max
- Wiring: Removable 16-pin screw terminal
- Power: 25 mA\*

### PLC-IRIN IR INPUT CARD

- Application: Accepts AMX IR commands from up to 3 sensors
- IR In 1-3: 3 inputs for industry-standard IR sensors
- Wiring: 3 3-pin screw terminals for sensor data and power
- Power: 45 mA

### PLC-IROUT IR OUTPUT CARD

- Application: Control of IR-format sources
- Ports 1-4: 4 outputs, IR or wired IR up to 10 MHz
- Wiring: 4 mini-phono jacks for emitter or wired IR cable
- Power: 75 mA

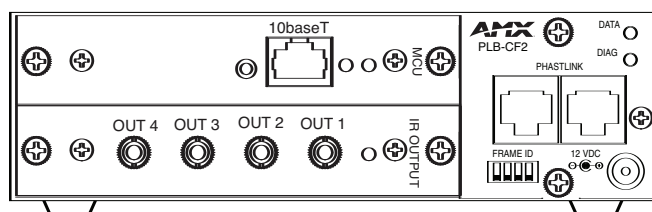
### PLC-RL8 RELAY CARD

- Application: Control closure-activated sources
- Relays 1-8: 8 dry-contact relays, (1 A @ 30 VDC)
- Jumpers: Set relays to NC/NO operation
- Wiring: 16-pin screw terminal
- Power: 360 mA

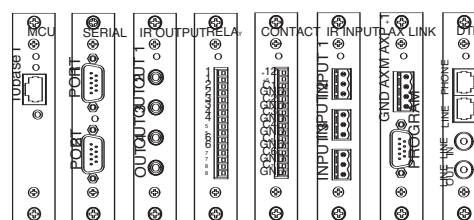
### PLC-SER DUAL SERIAL CARD (RS-232, RS-422/485)

- Application: Bi-directional serial control
- Port 1: RS-232/422/485, 300-56,000 baud, CTS/RTS
- Port 2: RS-232, 300-56,000 baud, CTS/RTS
- Wiring: 2 9-pin male D-Sub connectors
- Power: 80 mA

\*May need additional power to operate connected devices



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Control Cards



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