PAA 20+
Automation Adapter

Proyecson automation adapter PAA 20+ makes it easy to interface digital cinema playback equipment with existing cinema control systems, thus enabling fully automated presentations.

The unit converts control commands from the digital cinema playback system into relay closures. Input and output connections enable digital cinema equipment to control existing lighting, automation, and other auxiliary systems. The unit can be connected in parallel with existing 35mm automation systems making it easy to switch between 35mm and digital shows. Furthermore it is also possible to run seamless presentations mixing both 35mm and digital content.

The PAA 20+ can be controlled using Ethernet and RS232 ports, features 12 configurable momentary/latching outputs and 8 inputs that can be used to trigger individual cues. Output relays operate at a maximum current of 16A 250 Vac / 16A 30Vdc. Front-panel LED indicators are provided for all inputs and outputs, ensuring that system status is clearly visible.

The unit is easy to install in a 19" rack-mounted. Rear panel connectors are provided to allow easy wiring. Fully configurable through a simple web interface. The factory configuration is fully compatible with its predecessor the PAA 29+. Valid for any other application not related to Digital Cinema.

TECHNICAL FEATURES

- **Construction:** Industrial chassis, 1 unit 19" rack-mounting, connectors in the rear panel.

- **Power Requirements:**
  100-240 VAC, 50-60 Hz, 35W.

- **Dimensions and Weight:**
  483 x 128.5 x 44 mm. (19.02"x5.06" x1.73").
  2,5 Kg.

- **Environmental Conditions:**
  Operating: 0ºC to 40ºC (32ºF to 104ºF), 20 to 80% relative humidity (non-condensing).

- **Warranty:** 3 years, parts and labor. Specifications subject to change without prior notice.

REAR PANEL CONNECTIONS

- **General Purpose Inputs:** 8 optoisolated low-voltage inputs, screw connectors, 24V logics.

- **General Purpose Outputs:**
  12 configurable relay outputs, screw connectors, normally closed and normally open contacts 16A VDC max.

- **24V / 1A output:** Usable for auxiliary input and output circuits.

- **RS232 Serial Port:** D-sub 9 female connector.

- **Network Connection:** RJ-45 10Base-T.

ADVANCED FEATURES

- Fully configurable using a simple web interface.

- It is possible to save / restore configuration file.

- Inclusion of new features on demand.

- Test buttons and manual activation of each input/output.

- Input and output LED Indicator to provide visual status indication.

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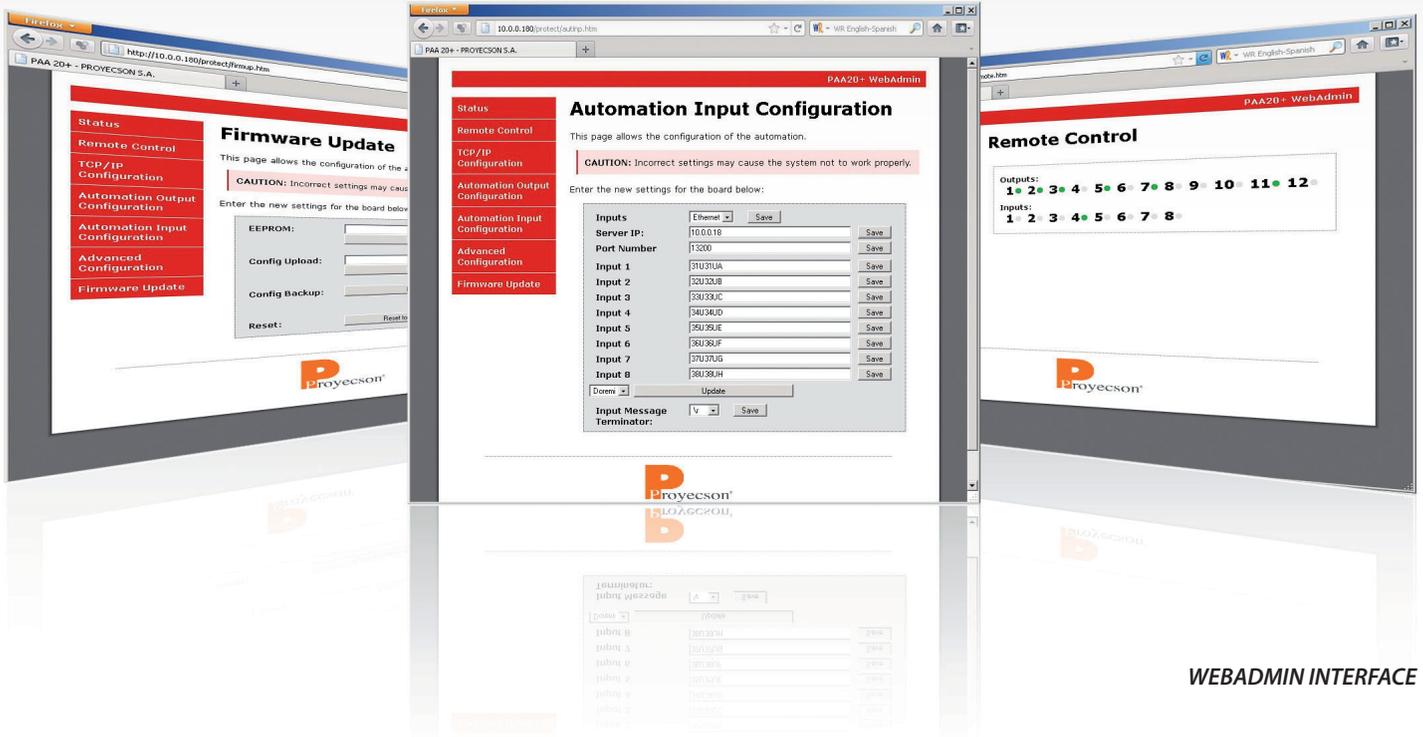
WEBADMIN INTERFACE

CONNECTION DIAGRAM

DIGITAL CINEMA SERVER
SERIAL INTERFACE   ETHERNET INTERFACE

ETHERNET NETWORK SWITCH

TO CINEMA ROOM AND BOOTH DEVICE

THEATRE LIGHTS
SCREEN MASKING
CURTAINS
3D SYSTEMS
AUDIO PROCESSORS
ADVERTISING SYSTEMS
ETC.

MAIN SUPPLY

OUTPUT 3 CONNECTOR   OUTPUT 2 CONNECTOR   OUTPUT 1 CONNECTOR   INPUT CONNECTOR   SERIAL INTERFACE   NETWORK CONNECTOR

CONTROL NETWORK

PAA 20+

— SERIAL CONNECTION
— NETWORK CONECTION