

On the wall or in the drawer, the TA-10 Theatre Automation System is built to meet *your* specific needs.

Component Engineering's TA-10 Theatre Automation System is a moderately priced system for film presentations that uses a micro-controller based sequencer to perform those tasks which are the same in all programs. A simple cueing scheme allows the film itself to carry up to seven discrete commands (such as sound format changes, lens turret, masking controls, and light dimmer settings).

Accessories and variations are available for many applications to fit your specific requirements.



Model TA-10W - Wall Mount



TA-10 front panel



Model TA-10D - Drawer Mount

The TA-10 Automation System:

- ▶ Features an open design concept which allows users to tailor each installation
- ▶ Can be factory pre-configured for house functions
- ▶ Has a simple two-wire data link for interlock and/or remote control from a status box
- ▶ Provides an easy interface to fire alarm shut-down devices
- ▶ Uses a flexible and reliable micro-controller
- ▶ Has panel-mounted indicator lights that display system status
- ▶ Receives cues from an FM-35 Cinema Cue Detector/Failsafe
- ▶ Is available in a compact-size drawer or wall-mount model
- ▶ Offers an optional 220v ac model
- ▶ Can be upgraded to digital with the DX-10 Digital Automation Upgrade



FM-35 Cue Detector

TA-10 Automation Remote Control/Status Box

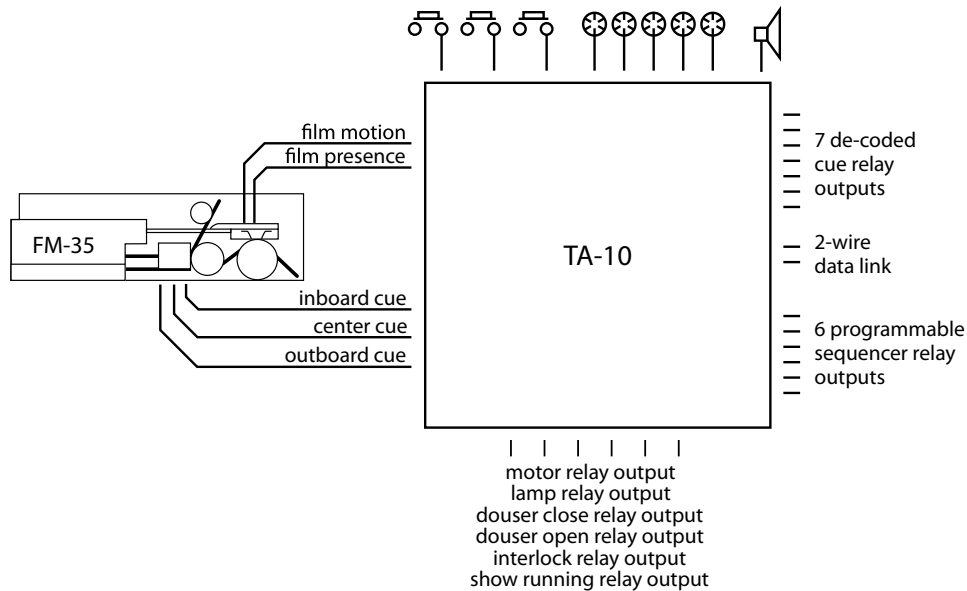
The Remote Control/Status Indicator Box connects to the two-wire data link and can communicate with up to 32 TA-10 automations. There are two basic units. One can display up to 8 stations, and the other is a 16-station box to which 8-station modules can be added to expand the system to 32 stations. Each station features three LED indicator lights that display when the projector is ready, starting up, running the show, and shutting down. Projectors in interlock also are shown. Any projector not in interlock can be started from the remote box, and any (including those in interlock) can be stopped.



Terminals inside the box, which provide for a “panic” system shutdown, are intended for connecting to a house master fire alarm. A buzzer sounds in the event of any failure and the box shows which projector is in trouble.

A status-only (no push buttons) version is also available.

BLOCK DIAGRAM



SPECIFICATIONS

Dimensions:

Wall Mount Unit

Height: 17 3/4" (451 mm)
 Width: 11 3/8" (289 mm)
 Depth: 4" (101 mm)

Drawer Mount Unit

Height: 3 1/2" (2 rack units)
 Width: 19" (483 mm)
 Depth: 14 1/2" (368 mm)

Electrical:

(Specifications apply to both units)

Power Output

117v ac 50/60 Hz
 25 watts max
 (220v ac version available)

Relay Contact Ratings

Small Pilot Relays:
 500mA ac or dc
 (Voltage over 48 not recommended)

Large Power Relays:
 10A ac or dc

