Digital Address
Architectural Lighting Systems

ETC's Digital Address System (DAS) allows you to control the lighting in up to sixteen rooms. The system supports up to sixteen control stations and provides up to 255 system wide presets, each of which can have its own fade time. The Digital Address system controls up to 512 DMX dimmers with up to 192 control channels. Digital Address may also include panic and work light circuits. Dimmers may be assigned to control channels with or without proportional level assignments.

DAS LCD systems allow the user to program presets, channels, lighting levels, and fade times. DAS Slider systems allow direct control of select lighting channels and selection of presets.

System configuration and program information is stored in the Architectural Receiver. In the event of a power loss, the lighting will return to its last state when power restores.

Features:

- Pile-on operation with other DMX512 devices
- Snapshot looks from any DMX512 device
- Room combine
- Custom control stations available
- Custom functions available
- Daisy-chain or home-run wiring

All Systems

Architectural Receiver

The Digital Address Architectural Receiver houses the electronic receiver/processor module (EMAP) and a 12Vdc power supply. The EMAP is the electronic processor for the architectural control system. EMAP receives dimmer output data from a lighting control console and/or architectural control stations, then processes the information and distributes it to the dimmer rack. The system power supply provides operating voltage for all stations in the system. Each processor is factory programmed to address the specific requirements of the system. Functions may include some or all of the following:

- Merge two incoming DMX512 signals into a single output signal
- Provide architectural lighting control, including presets; take-controls; panic, work and cue lights; and Snapshot
- Allow inclusion of multiple dimmer sizes in a system

Wiring

Control station wiring is low voltage. Control stations are wired using one run of Belden 9729 and two of #14 AWG stranded cable. Up to 16 stations may be wired in a daisy-chain configuration. PCB-mounted pressure connections are provided for all terminations.

Station Details

Station face panels are .080" sheet metal, finished in fine-texture, scratch-resistant black powder coat. Silk screened graphics are white. Control station electronics mount directly behind the face plate. The entire assembly mounts into an industry standard back box. A terminal block is supplied for contractor terminations.

LCD Systems

LCD Stations

LCD stations are master stations that can control all system presets. The LCD station displays current operating information and allows you to select and edit presets, channels, lighting levels, and fade times. An integral 2 X 40 character LCD screen, 13 control buttons, and easy-to-follow setup programs help you to create customized dimmer to channel, preset to station, and station to room assignments.

DAS Preset Stations

Digital Address Preset Stations consist of one, two, four, six or eight dual-function pushbuttons with integral LEDs. These pushbuttons activate user programmable presets. The LED indicators identify the active preset. LEDs remain at a low intensity for quick identification in a darkened environment. When a preset is selected, the associated LED changes to full intensity. Each preset may have a discrete fade time, programmable from 0 to 999 seconds.

DAS Keyswitch Lockout Stations

In a system controlled by an LCD station, the keyswitch will lock out the entire system.

Ordering Information (LCD Systems)

DAS/ARW - Architectural Receiver - wall mounted

DAS/ARR - Architectural Receiver - 30" rack mounted

DAS-LCD - Digital Address LCD Control Station

DAS-100KS - Digital Address Keyswitch Lockout Station

DAS-100P - Digital Address Panic Station

DAS-3100-YY - Digital Address Combination Station with YY preset pushbuttons

Slider Systems

DAS Slider Stations

Digital Address Slider stations are available with one to twelve 45 mm potentiometers. Stations with fifteen and twenty potentiometer are also available. Stations with three or more channels are provided with a master potentiometer. Graphics scaled from zero to ten are provided to indicate output levels. A Take Control switch with two integral LEDs is used to activate the station and take control from other stations. The green LED is lit when a station is active. The amber LED is lit when it is inactive. An integral panic switch is optional.

DAS Combination Stations

DAS Combination stations consist of both potentiometers and dual function preset pushbuttons. Combination stations allow the user to set levels using the potentiometers and record directly to a preset pushbutton. The buttons will automatically play back the recorded levels at a five-second fade rate.

DAS Keyswitch Lockout Stations

In a slider system, the keyswitch can be programmed to lock out any or all stations.

Snapshot Stations

Snapshot allows you to record up to twelve backup looks from a lighting control console and/or any architectural control station. Each look records the output of the dimmer rack. Once you have saved these output levels in Snapshot's memory, you can use its twelve control sliders to play the presets back at proportional levels.

Ordering Information (Slider Systems)

DAS/ARW - Architectural Receiver - wall mounted

DAS/ARR - Architectural Receiver - 30" rack mounted

DAS-1112SS - Digital Address Snapshot Control Station

DAS-100KS - Digital Address Keyswitch Lockout Station

DAS-100P - Digital Address Panic Station

DAS-1001 - One-channel Digital Address Slider Station with take control

DAS-1002 - Two-channel Digital Address Slider Station with take control

DAS-1003 - Three-channel Digital Address Slider Station with master and take control

DAS-1004 - Four-channel Digital Address Slider Station with master and take control

DAS-1005 - Five-channel Digital Address Slider Station with master and take control

DAS-1006 - Six-channel Digital Address Slider Station with master and take control

DAS-1007 - Seven-channel Digital Address Slider Station with master and take control

DAS-1008 - Eight-channel Digital Address Slider Station with master and take control

DAS-1009 - Nine-channel Digital Address Slider Station with master and take control

DAS-1010 - Ten-channel Digital Address Slider Station with master and take control

DAS-1011 - Eleven-channel Digital Address Slider Station with master and take control

DAS-1012 - Twelve-channel Digital Address Slider Station with master and take control

DAS-1015 - Fifteen-channel Digital Address Slider Station with master and take control

DAS-1020 - Twenty-channel Digital Address Slider Station with master and take control

DAS-31XX-YY - Digital Address Combination Station with XX channels, master, take control, and YY preset pushbuttons

Note: add a "P" to any slider or combination station part number to add an integral panic switch.