

## 4000 SERIES ACCESSORIES

## Model 4724 Area Control Expander

### Features

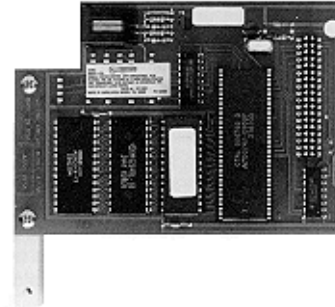
- Zone Expansion of Up to 144 Zones
- Area Control for Up to Eight Separate Areas
- 255 User Codes
- Up to 48 Touchpad Panic Zones
- Duress Reported From Each Touchpad
- 500 Event Memory (Events are Date and Time Stamped)
- 32 Time Windows for Limiting Access/Usage
- 16 Holiday Dates for Special Schedules
- Automatic Daylight Savings Time Adjust
- Up to 32 Programmable Outputs
- Auto Arm Delay
- Service Reminder
- 200 Year Calendar
- System Programming From Touchpad
- X-10 Interface for Home Automation

### Description

The Regency® Model 4724 Control Expander adds more memory and many useful features to the 4720 Control. The 4724 Module installs onto the 4720 PC board without additional wiring. You can add the 4724 to the system at any time, making it perfect for system upgrades as a user's needs grow.

### User Codes

The 4724 has 255 user codes available, plus one installer's code. Each code has up to 10 individual functions that it can be programmed to perform. This allows varying levels of security for each code. User codes can be printed or reported for such activities as opening and closing, bypassing of zones, and door access.



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### Zone Expansion

Use of the 4724 control expander allows the 4720 system to be expanded to up to 144 zones. All zones are programmable, allowing for full flexibility on larger systems.

An additional 60 reporting zones are available through emergency buttons and duress signals identifiable by each touchpad. Touchpad emergency buttons will both announce and report separately for each touchpad. The location of the emergency alarm is identifiable both on the premises and from the central station. When in use, these additional zones do not eliminate any of the hardwired zones.

### Area Control

Many large commercial/industrial applications require that some parts of the protected premises be secured and others open for use. Using the Area Control mode allows the 4724 to independently control up to eight separate areas. Each zone can be assigned to an area as needed. Each area has its own entry and exit times, interior zones, and can sound alarms in

the appropriate areas. Users may be assigned access to a single area, several areas, or all areas.

## Time Windows

The 4724 allows the system to provide many time-related features, including 32 programmable time windows. Each of the 32 windows has a programmable starting and ending time. A built-in 200 year calendar allows the system to track as many as 16 holiday dates per year. Holidays that fall on the same date every year are automatically remembered. Holidays that float or are unique to a particular business need only be programmed at the beginning of the year. The 4720 also allows two dates to be selected for automatic daylight savings time adjustments, which keeps the system on real-time and saves the user from resetting the time themselves. Holiday dates, times, and daylight savings time adjustment dates can be programmed from a system touchpad, by any user whose code has the assigned program option, or by downloading from the central station.

## Event Memory

The 4724 has a 500 event system memory. Events stored include alarms, restores, troubles, open/close, and door access. Each event is date and time stamped. The event memory can be viewed from any system LCD touchpad or by uploading the event memory to a computer. When viewing from a touchpad, the entire event memory can be reviewed, or a selected date can be entered. Oldest events are written over as newer events occur. Events are stored in memory as long as power is supplied to the system.

## 4180 Programmable Outputs

The 4724 allows customized outputs for virtually any condition on the system. Connection of one Model 4180 Status Display Module to the 4724 provides 16 outputs. Each output switches to 12 VDC when the programmed condition occurs. These low voltage,

low current outputs may be directly connected to another compatible electronic device or connected to any of the four relays found on board the 4180. The relays provide a normally closed, dry contact upon activation. The programmable outputs can be used to activate additional equipment, such as long range RF or derived channel transmitters. They can designate where local audible signals will be heard, such as when using area control. Outputs can be programmed to activate for any type of alarm, areas armed, and even to activate when a particular series of events occur.

Connecting a Model 4181 X-10 Interface to the 4724 allows you to add 32 additional outputs. These outputs are transmitted over the household AC wiring to compatible lighting switches and electrical outlets. Using the I/O programming, interior lights can be turned on and off, giving the appearance that someone is home. This provides further convenience and safety by automatically turning on a light during entry delay. The 4181 is compatible with many X-10 compatible electrical devices.

## Power Requirements

5 VDC at 5 mA (supplied by 4720)

## Ordering Information

4724 Control Expander includes mounting hardware  
The 4181 X-10 Interface plugs into a standard wall outlet (includes a modular connecting cable).

## Shipping Weight

1 pound

Note: If the system requires access by more than 255 user codes and fewer than 80 zones, see the specification sheet (P/N 150782) for Model 4734 Access Control Expander.

**REGENCY**

by 

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**ITI Part #: 150396, Rev. A**