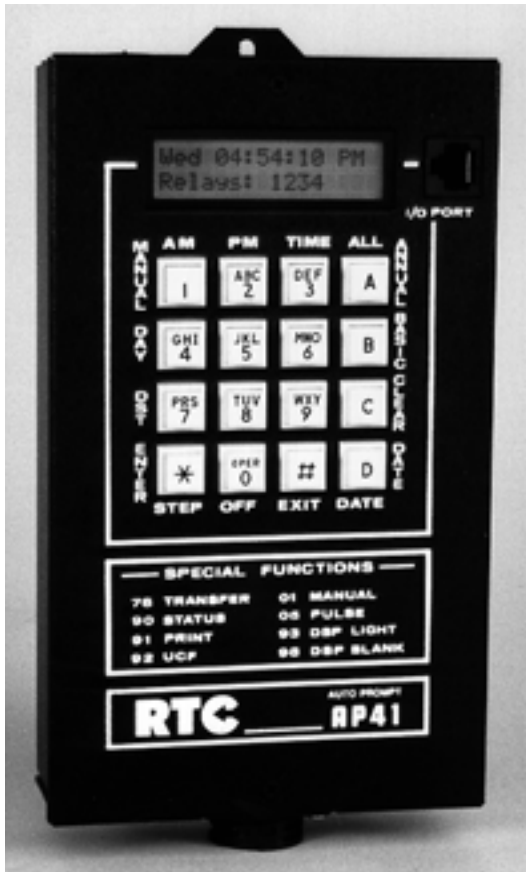


# AP41 TIME SWITCH

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- 2-line, 16-character, alpha-numeric, Liquid Crystal Display (LCD)
- Daylight Savings Time entered from the keyboard
- 48-hour capacitive back-up, no batteries
- Auto Prompt for user friendly programming
- 10 Basic Plans
- 20 powerful program steps per Basic Plan
- 20 Annual Programs for Yearly Programming
- Four (4) Independent 15 Amp relay outputs
- Program Transfer from unit to unit
- Uniform Code Flash operation
- Programmable steady or pulsed outputs

# RTC

RTC Manufacturing, Inc.  
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# AP41 TIME SWITCH

The AP41 is a four circuit, calendar programmable solid state time switch. It is used for switching electric circuits according to a pre-set time and date program. It has the ability to run up to ten (10) different day/week plans to accommodate different school calendars and/or traffic patterns throughout the year. The AP41 *AUTO PROMPTING* alpha-numeric display makes programming fast and simple.

## STANDARD FEATURES

- 2-line, 16 character, alpha-numeric, easy to read **Liquid Crystal Display** (LCD). Optional back-lit display available.
- **Automatic Daylight Savings Time** (DST) compensation.
- DST data entered from keyboard - **makes future DST changes quick and easy.**
- Time of Day entered in **12-hour format.**
- Automatic Leap Year compensation.
- 48-hour capacitive memory back-up - **no batteries to replace.**
- The display "Auto Prompts" the operator through the programming process - **very user friendly.**
- Ten (10) Basic Plans for **daily and/or weekly programming.**
- Twenty (20) powerful program steps per Basic Plan.
- Single Day, Week End, Week Day, or Every Day programming capability for each program step.
- Twenty (20) Annual Programs to activate the Basic Plans for powerful **yearly programming.**
- **Uniform Code Flash** feature allows for UCF operation on any of the four relay outputs. Activation of the relays is delayed until after the end of side street clearance.
- **Program Transfer** from one AP41 to another.
- **Print-out** feature allows operator to transfer the AP41 program to a printer for a hard-copy record.
- **Four (4) SPDT Relay Outputs rated at 15 Amps** at 115 VAC resistive load.
- Any of the 4 relay outputs can be programmed to activate **steady on or momentary on** (from 1 to 9 seconds).
- **Manual operation** for any of the 4 relays from the keyboard.

## SPECIFICATIONS

Display . . . . . 2-line, 16 characters per line,  
Alpha-Numeric, Liquid Crystal Display (LCD),  
Back-lit Display Optional

Keyboard . . . . . 16 Key, Positive Action Push Button

Back-up Power . . . . . 48 Hour Capacitive

Electrical Connection . . . . . CPC Connector with Harness

Output . . . . . Four (4) SPDT Relay Rated at 15 Amps  
115 VAC Resistive Load

Line Voltage . . . . . 95 to 135 VAC, 60 Hz

Power . . . . . Less than 6 watts

Time Base . . . . . AC Powered (power line)  
Back-up +/- .005% Crystal

Size . . . . . .8"h x 4 3/4"w x 2"d (without harness)  
10 3/8"h x 4 3/4"w x 2"d (with harness)

Temperature Range . . . . . -30 to +74 Degrees C

## ORDERING INFORMATION

<u>Part Number</u>	<u>Description</u>
AP41	Four Output Time Switch with CPC Connector and 48" Wiring Harness
AP41-L	AP41 Time Switch with Electro-Luminescent Display (back-lit display)
41072	72" Wiring Harness
91107	Program Transfer Cable
92041	Printer Adaptor Assembly
91206	AC Power Cable with Connector

# RTC

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