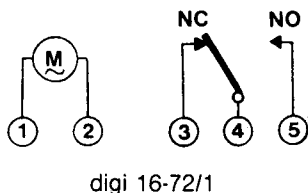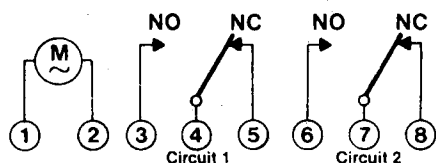# PROGRAMMING

Terminal Connections

digi 16-72/1

Circuit 1   Circuit 2

digi 32-72/2

The digi 16 and digi 32 electronic time switches are freely programmable for each day of the week in 1 minute increments. For easy and quick programming, the following 3 block programs are available:

Monday through Sunday
Monday through Friday
Saturday and Sunday

SETTING THE TIME

1. Depress Clock symbol key " ⊕ " during entire time setting procedure.

2. Press "Day" key to bring the actual day of the week into display.

3. Press ± 1 h once to advance time by 1 hour if unit is set during daylight savings time. The display shows +1 h.

4. Press "h +" and "m +" to set the actual time of day. If keys are depressed for more than a second, counting will continue automatically.

5. Release the " ⊕ " key when the correct time and day are shown in the display. The colon between the hours and minutes will be flashing.

Note:
If keys h+ or m+ are kept depressed for longer than 2 seconds, a rapid advance of figures will result.

ENTERING PROGRAMS

For each channel 8 "on" and 8 "off" commands can be programmed.

1. Press CH1 or CH2, depending on which channel you wish to program, once (do not keep depressed). The display will show CH1 (channel 1) ON or CH2 (channel 2) ON.

2. Press "DAY" key to select the desired day of the week. Successive depressing of the "DAY" key beyond Sunday will bring the following blocks of days into the display:
   Monday through Sunday
   Monday through Friday
   Saturday and Sunday
   All days shown in the respective blocks will be switched on (or off) at the selected hour and minute.

3. Insert the hour and minutes at which time an "ON" command is to take place.

4. Press key CH1 or CH2, respectively, to enter program. The display will show CH1 (or CH2) off.

5. Program off command using steps outlined above.

6. Press " ⊕ " key to return to time of day display.

Note:
Once the time switch is programmed it will automatically "look back" and assume the correct "on" or "off" switch position.

CHANGING OR CHECKING OF PROGRAMS

By operating key CH1 or CH2 the individual commands as programmed can, at any time, be brought consecutively into the display for revision or checking. Revisions are carried out by writing over the existing programs using the steps outlined above.

CANCELING PROGRAMS

Use procedure above to bring program to be canceled into display. Use h+ and m+ keys to set hours and minutes to zero, symbol ——:—— will be in display. This program has been made ineffective and will no longer be carried out. To cancel all programs depress reset key. This clears entire memory, including time base and p 'gram storage.

MANUAL SWITCH

1. Press override switch for CH1 " ⟍ 1" or CH2 " ⟍ 2" once to turn load on or off without affecting the stored programs (temporary over-ride).

2. Press override switch a second time and the channel is now on "permanent on" (display shows FIX ON);

3. Press override switch three times and the channel is now on "permanent off" (display shows FIX OFF);

4. Press override switch again to turn operation back to automatic.

LOAD INDICATOR

The load is shown in the display as either on or off.

BATTERY POWERED RESERVE

In case of power failure, the built-in nickel-cadmium battery maintains the time of day, program storage and LCD display for 150 hours. During power outage relays are de-energized.

DAYLIGHT SAVINGS / STANDARD TIME CHARGE

When a time change to Daylight Savings time is required, press "+−1h" once. The time base in the unit will automatically advance by one hour and +1 h will appear in the display. To change to standard time, press "+=1h" again; the time base is set back one hour and +1 h will disappear.