Application Note APNT-0022
LAN Adaptor Selection and Settings
for
Monroe's R-149 and R-153 Timers

The following model LAN (10 or 10/100 baseT) adaptors have been tested with Synopsis Software, version 2.01B. If you don't have this version, please contact the factory for purchase or an upgrade.

LANTRONIX model UDS-10
HelloDevice (Sena) model PS-100
TIBBO model DS100

Timer Preparation:

Two preliminary steps are necessary with the R-149 timer. These steps are not necessary with the R-153 timer:
1) Check the firmware version. It should be either version GERS80134-3.04 or PSI V1.15 or higher. If not, contact Monroe Electronics. To check the firmware version:
    a) ENTER or EXIT to the "SET EDT VUE LOG LST" menu
    b) Press VUE
    c) Press VER
    d) Note firmware version and exit back.
2) Check the communication protocol:
    a) At the opening menu, select SET
    b) Press CMP
    c) Proper protocol is "NON, 8, 1, 1200" (1200 BAUD)

LAN adaptor preparation for use at the timer:

Refer to the manufacturer's instructions. Set the RS-232C serial port output to 1200 baud, no parity and 1 stop bit. Set the IP address to one suitable with the network that it will be connected to.

Use the adaptor and cable supplied with the timer for connection to a computer. Connect cable to the CMP port on the timer.

Software Change:

Use Synopsis version 2.01B only.

After opening the program, 'add location', and set the parameters for the model of timer used, select the LAN connection. Enter the IP address that was programmed into the adaptor. Save the location, and exit. Follow the instructions in Synopsis to access the timer.