

## 1. PURPOSE

To use the **Logicmaster 90 TCP** programming software remotely through the PSTN : Downloading of programs, diagnosis, adjustment...



The user shall make sure that the operations carried out are not dangerous for people and for the equipment.

## 2. SYNOPSIS



## 3. CABLES

CAB01		CAB573	
P.C.	Modem	PLC	Modem
9-pin female SubD	9-pin male SubD	15-pin male SubD	Cable end
1	← 1 CD	10	8 A
2	← 2 Rx	11	7 B
3	→ 3 Tx	12	6 A'
4	→ 4 DTR	13	5 B'
5	→ 5 SG	14	
6	← 6 DSR	8	
7	→ 7 RTS	15	
8	← 8 CTS	6	
9	← 9 RI		

## 4. INSTRUCTIONS

### 4.1. Configuring the modem for use with the PLC

- 1 Open WINDOWS Terminal or Hyperterminal, set data rate at 19200 b/s and frame at 8 bits parity ODD - 1 STOP (8O1).

**Warning :** The data rate and frame of the terminal, the CPU, the PC, and, if necessary the calling utility program, must be the same.

- 2 Connect the modem to the PC with the RS232 cable; connect the modem to its power adapter and switch it on.
- 3 Enter AT&F1↵ The modem returns OK.
- 4 Enter AT&W1↵ The modem returns OK. \*
- 5 Enter AT&Y1↵ The modem returns OK. \*
- 6 Disconnect the modem from the PC. It is now ready to be installed on the PLC.

## 4.2. Configuring the PLC

No particular configuration is required; the data rate and frame of the PC connector must match those of the modems.

## 4.3. Configuring the PC

Dans le menu PARAMETRAGE DE LA COMMUNICATION CONSOLE AVEC PORT SERIE, donner la valeur 10 au paramètre : RETOURNEMENT MODEM.

## 4.4. Connecting the modem to the PLC

- 1 Connect the modem with the CAB573 cable to the CPU connector on the PLC.

# 5. USE

## 5.1. PC calling to PLC with WINDOWS terminal

- 1 Open WINDOWS Terminal or Hyperterminal. Set data rate at 19200 b/s and frame at 8 bits - parity ODD - 1 STOP (8O1) according to the warning in chapter 4.1.
- 2 Enter AT&F1↵ The modem returns OK.
- 3 Enter ATDxxx↵ xxx = PLC phone number
- 4 When the **LINE** led is on, close the terminal, open the programming software and work as if you were on site.