

DOS Based Programming Software 5130-9050

FEATURES:

- Provides Backup and Restoration of 5120 and 5130 User Programs
- MS DOS PC XT Compatible Software
- User Friendly Windows and Menus Response
- Password Data Protection
- Software Security Key
- Remote Modem Programming and Diagnostics

DESCRIPTION:

The DOS Based Programming Software (5130-9050) is a PC based software package which provides the ability to backup and restore user created Communication programs via any DOS based PC. All system functions, including Intercom Path Programs and Time or Event-Initiated programs, may be developed, and through the use of this package, stored on diskettes. These programs can then be manually loaded into the 5120/5130-9120 CPU RAM memory as required.

To reduce confusion and minimize keystrokes, interface between the user and program is accomplished through a series of menus and pull-down windows. Menu selection is entered either by pressing desired highlighted character, or by pressing the enter key after highlighting desired function using the cursor keys. Self-explanatory windows will be opened for easy data entry. A dynamic help message for the selection is displayed if necessary.

To protect the software from unauthorized use, a software "Security Key" is installed on the computer's parallel port.

Package also includes modem communication software to any standard 300, 1200, 2400 Hayes compatible modem permitting full system access from a remote site via password.

System database files, Signal Schedules, Station Assignments and a host of other user defined specified programmed features may be printed for review.

Two levels of Password protection define user related access. One is used for Basic Scheduling, the other for Service related setup and diagnostics.



5130-9050

INSTALLATION

An RS-232 port on the 5120/5130-9120 CPU is used for connection to the serial port on the computer. This connection is made using a 4-conductor null modem cable (provided).

SPECIFICATIONS:

PACKAGE INCLUDES:

- 1 – 3.5" Double Density Diskette
- 1 – 5.25" High Density Diskette
- 1 – Computer Software Security Key
- 1 – Null Modem Cable DB9(F)/DB9(F)
- 1 – Null Modem Cable DB9(F)/DB25(F)
- 1 – Installation Instructions & User Manual


```

===== Simplex 5100 Programming Tool =====
Stations  Groups  Time Schedules  Relays  Admin Stations  Other  Quit

Init Schedules (1-8)
Program Time Events

Select Schedule 1 Event
Time      Tone      Duration  Groups
09:00     02-440 Hr      3 sec    1234.67.
09:15     02-440 Hr      3 sec    1234.67.
10:45     02-440 Hr      3 sec    .234.6..
11:00     02-440 Hr      3 sec    .234.6..
11:45     02-440 Hr      3 sec    .2..56..
12:15     02-440 Hr      3 sec    ..3.56..
12:45     02-440 Hr      3 sec    ...456..
13:10     02-440 Hr      3 sec    .234.6..
13:30     02-440 Hr      3 sec    .234.67.
15:15     02-440 Hr      3 sec    1234.67.
15:20     02-440 Hr      3 sec    1234.67.

<Enter> Edit <Ins> Add <Del> Delete <Home> First <End> Last <Esc> Quit

```

Figure 3. Time schedules pull-down menu with dialogue window for quick access to Time Events Programming.

```

===== Simplex 5100 Programming Tool =====
Stations  Groups  Time Schedules  Relays  Admin Stations  Other  Quit

Relay 1

Relay Status : 3 - Cycling
                Serial Card Required

Time On : 08:00:30
Time Off: 15:00:00

Duration On : 00:15:00
Duration Off: 01:45:00

Days: Sun Mon Tue Wed Thu Fri Sat Hol
<Space> toggle day, <F1> toggle all days

<PgUp>/<PgDn> Prev/Next Relay <Esc> Return

```

Figure 4. Up to 8 relays can be programmed to perform specific functions integrated with the ICS 5120 internal master clock or specific system events.

```

===== Simplex 5100 Programming Tool =====
Stations  Groups  Time Schedules  Relays  Admin Stations  Other  Quit

      Admin Station 1

Arch Number      : 501

Secondary Admin  : 2
Access Level     : 3
Auto Answer      : Y
Voice Announce   : N

      Enter Architectural Number

<PgUp>/<PgDn> Prev/Next Admin Station <F2> Show Conflicts <Esc> Quit

```

Figure 5. Administrative telephone attributes are simple to select or change using a dialogue window with dynamic help message.

```

===== Simplex 5100 Programming Tool =====
Stations  Groups  Time Schedules  Relays  Admin Stations  Other  Quit

      Emergency Station

Emergency Admin   : 1
Page Group       : 1
Transfer to Page : Y

      Enter Admin Stn or <Space> for choices

Assign Holidays
Auto DST
Day/Night Timing
Emergency Station
ID Number
Init Tones 1-6
Inputs
Queue Timeout
Tone Control
Serial Cards
Time Synch

<Esc> Quit

```

Figure 6. ICS 5120 Software allows a designated emergency phone with optional automatic emergency announcements to specific areas.

Simplex 5100 Programming Tool							
Stations	Groups	Time Schedules	Relays	Admin	Stations	Other	Quit
					Assign Holidays Auto DST Day/Night Timing Emergency Station ID Number Init Tones 1-6 Inputs Queue Timeout Tone Control Serial Cards Time Synch		
<div> <div> <div>Init Tone 3</div> <div> Tone Name : Night Ring Tone Type : 6 - Warble Continuous : N Repeating : Y Time On : 2.0 Time Off : 2.0 Enter Tone or <Space> for choices </div> </div> </div>							
<PgUp>/<PgDn> Prev/Next Tone <Esc> Quit							

Figure 7. ICS 5120 allows for custom tone programming to fit specific needs of individual institutions.

Simplex 5100 Programming Tool							
Stations	Groups	Time Schedules	Relays	Admin	Stations	Other	Quit
					Assign Holidays Auto DST Day/Night Timing Emergency Station ID Number Init Tones 1-6 Inputs Queue Timeout Tone Control Serial Cards Time Synch		
<div> <div> <div>Serial Card 1</div> <div> Baud Rate : 1200 BCD : Output Type : 12 Hour Clock 1 : 01 Clock 2 : 01 <Space> for choices </div> </div> </div>							
<PgUp>/<PgDn> Prev/Next Serial Card <Esc> Quit							

Figure 8. One of four (4) available master clock windows for defining up to three (3) clock correction outputs each.

Simplex 5100 Programming Tool

Program Menu

Set Up

Communications

Print

Quit

Select Forms

Cancel Print

Select

System Features

Graphics Cards

Station Card 1

Station Card 2

Station Card 3

Station Card 4

Station Card 5

Station Card 6

Station Card 7

Station Card 8

Station Card 9

Station Card 10

Station Card 11

Station Card 12

Station Card 13

Station Card 14

Station Card 15

Time Schedule 1

Time Schedule 2

Time Schedule 3

Time Schedule 4

Time Schedule 5

Time Schedule 6

Time Schedule 7

Time Schedule 8

↑↓→ move cursor

<Space> toggle items , <F1> toggle all items

<Enter> Print Selected Forms <Esc> Abort

Figure 9. Any or all system programs can be printed for hard copy records.

Simplex 5100 Programming Tool

Program Menu

Set Up

Communications

Print

Quit

Set Options

Direct Connect

Modem

Program Mode

Terminal Mode

Modem

Enter number to dial : 1-508-632-2500

Enter phone number or

Press <Enter> for list of Numbers

<Esc> Abort

Figure 10. Typical Modem Communications Dialing windows.

Simplex 5100 Series Programming Tool

Configuration
Stations
Groups
Time Scheds
Relays
Admin
Other
Save
Quit

Select Station Card

Station 49 (Card 3:01)

Arch Number : 149

Access Level Day

Access Level Night

Admin Station Day

Admin Station Night

Audio Groups

Time Groups

Staff Phone Date

Staff Phone Data

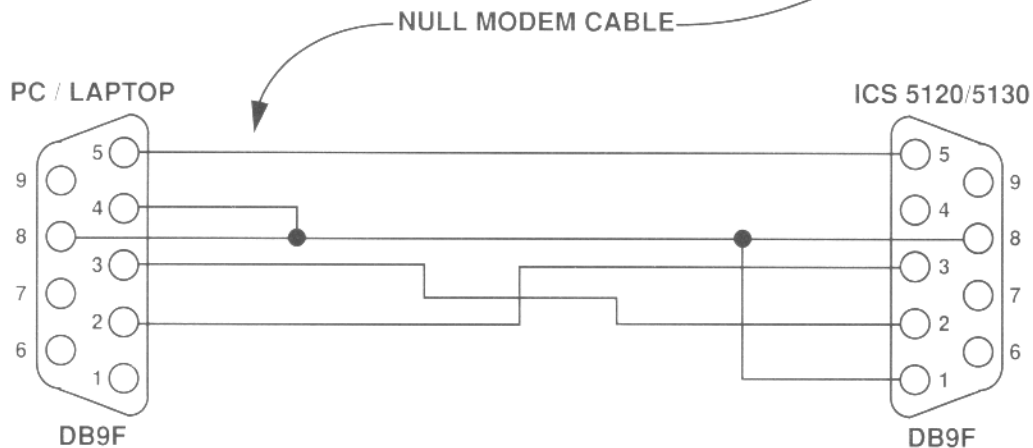
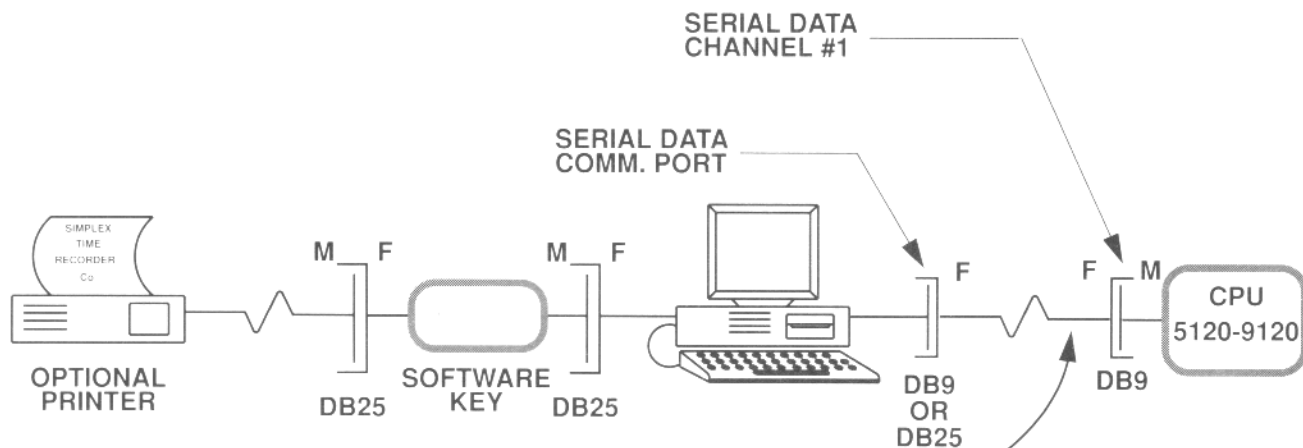
	Day	Night
Allow Dial	: Y	Y
Dial Admin	: Y	Y
Dial Staff	: Y	Y
Use List A	: N	N
Use List B	: N	N
Emerg Timeout	: N	N
System Level	: A	A
CO Port	: N	N
Hunt Group	: 0	0

Enter Y, N or <Space> to toggle

<PgUp>/<PgDn> Prev/Next Station

<Ctrl-PgUp>/<Ctrl-PgDn> Prev/Next Station Card

Figure 11. Each telephone station is assigned its own parameters allowing different capabilities on an individual basis.



OR

