

# RC850 Data Terminal System Arabic/English Version



**RC Computer**

# RC855 Display Terminal

## Highlights

### ● Arabic and Latin Character Set

Only one control key is used to switch between the Latin and Arabic characters on the keyboard, and the bilingual text is automatically composed in a correct manner.

### ● Compatibility

RC850 Terminal System uses the IBM Character Set B in the communication with the host computer and has corresponding engravings on the keytops.

### ● Automatic Context Analysis

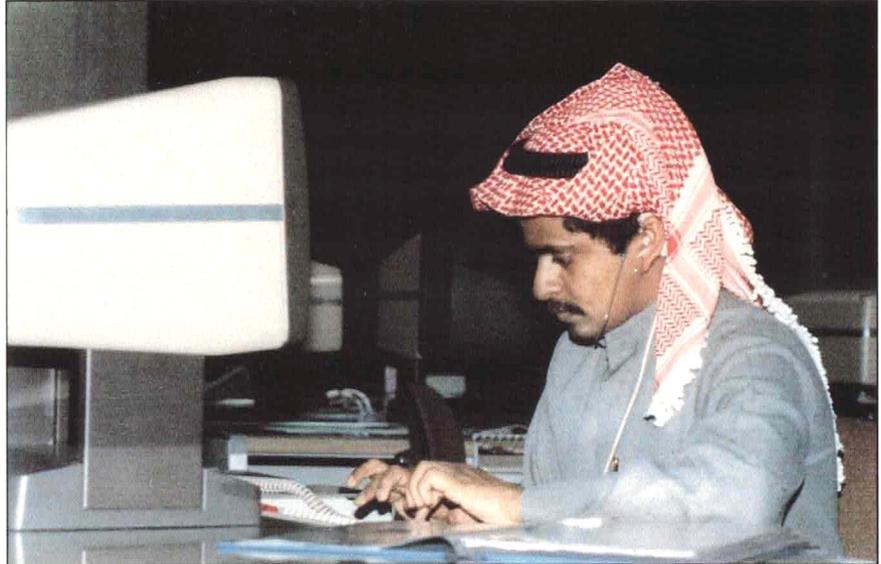
RC850 Terminal System has a built-in context analysis which will automatically present the Arabic characters correctly shaped.

### ● Soft Character Set

The character shape definitions are placed on the RC890 Control Unit diskette and are downloaded to the terminal when powered on. Thus the character shapes (14x16 dots) may easily be changed.

### ● User Defined Status Line

The status lines on the RC855 Display Terminal can be displayed in either Arabic, English, or both. The text in the status line can even be user defined.



*An RC terminal for use in Kuwait.*

## RC855 Display Terminal

The RC855 is designed to comply with the administrative and professional needs of the imminent automated office. The RC850 series of products performs as a unity, harmonizing functional practicality with skillful ergonomic design.

### Ergonomics and Design

The RC855 can be ergonomically adjusted to suit the user. Furthermore, its elegant design and quiet colours make the RC855 a pleasant element in any environment.

### Keyboard

The RC855 has an attractive, flat keyboard. The keys are placed in logically coherent groups with the function keys and typewriter keys separated by means of different colours. The numeric keys are placed separately to facilitate quick typing of numbers. The built-in wrist-rest counteracts arm fatigue.

### Screen

The RC855 has a large 15" screen with a non-reflective coating. The characters are large and

legible. The screen image consists of 25 lines of 80 characters each. Light intensity can be adjusted.

There is no fan and consequently no noise.

### Adjustment

The philosophy behind RC855's ergonomic design was that the equipment should be adapted to suit the operator and not vice versa. Therefore the RC855 is equipped with all the necessary adjustment features.

- The screen can be raised or lowered by a built-in motor.
- The screen can be tilted.
- The screen angle can be adjusted by means of the built-in swivel-foot.
- The keyboard is separated from the screen and can be placed where most practical.

# RC890 Control Unit

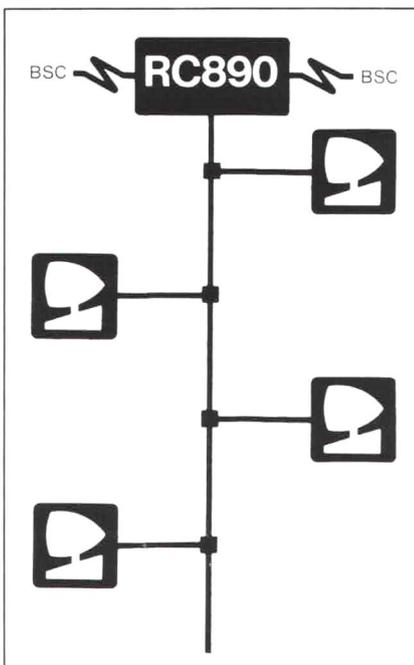
## SNA/SDLC

The RC890 Control Unit allows remote host connection of your RC855 Display Stations, utilizing IBM3270 SNA/SDLC as well as IBM3270 BSC protocols. All you need for Display Station attachment is the inexpensive multidropped RcCircuit terminal net. No need for coaxial cables. The RC890 takes care of your future needs for Communications.

## Up to 32 Display Stations Supported

The basic version of the RC890 supports 16 Display Stations and each of these allows a printer to be connected. Printers can be used for hardcopy or host directed printout and do not require any special adaptors. Optionally as many as 32 Display Stations can be attached to a single RC890 Control Unit.

*RC855 with Dual Host Facility and IBM3270 BSC host communications.*



*RC890 Control Unit.*

## Dual Host Facility

The RC890 makes it possible to gain access to 2 separate host systems at the same time: Dual Host option.

## High-Speed Connection

The standard RC890 Control Unit handles communication lines with maximum speed of 9600 bps (bit per sec.). A special option allows a line speed of up to 19.200 bps, which in most cases results in a considerable reduction in overall response time.

## Technical Specifications:

### Emulation:

IBM3274 BSC  
IBM3274 SNA/SDLC, PU type 2, LU sessions of type 1, 2 and 3.

### Interfaces:

CCITT V.24, transmission rate up to 9.600 bps (optionally up to 19.200 bps) RcCircuit terminal net, 2-wire twisted pair, 250 kbps.

### Maximum Distance:

V.24 Modem, 25 m  
RC855 Display Station, 1500 m

### Display Stations:

Up to 16 attached to the basic version, each with an optional

printer. Optionally up to as many as 32 including printers.

### Regulatory Compliance:

VDE 871B, FTZ

### Operating Environment:

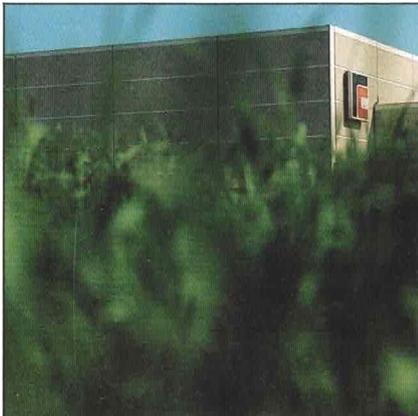
Temperature 10-30°C  
Humidity 20-80% RH, non condensing

### Power Requirements:

220/240 VAC  $\pm$ 10%, 50 Hz  
150 W (540 kJ/h)

### Physical Dimensions:

Height: 15 cm  
Width: 38 cm  
Depth: 34 cm  
Weight: 10 kg



## RC Computer

RC's history dates back to 1947, when the Danish Academy of Technical Sciences set up a watchdog committee to follow the development of electronic dataprocessing. The work of this committee led ultimately to the formation of RC Computer, and RC's first computer, a first-generation machine named DASK, was built in 1956.

Today RC Computer is Denmark's leading computer and systems producer. RC's main products today are mini computers, microcomputers, data communications systems and data terminal systems.

RC has strong international connections, by virtue of its close collaboration with ITT, and its own subsidiary companies in the United Kingdom and West-Germany as well as distributors in Norway, Sweden, Finland, the United States and the Middle East.

## RC Computer

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