

- 3270 application access with ASCII CRT displays
- 3270 full screen processing
- Formatted and unformatted display modes
- Up to 15 asynchronous access ports
- Up to two IBM multipoint BSC access ports
- Minicomputer attachment
- Supports multiple ASCII display types
- Direct connect or remote access
- Multiple printer support
- Password protection
- Cassette loaded
- Optional 132-column display



Users with ASCII displays can now easily and inexpensively access 3270 applications through Carterfone's 6270 communications control unit. For a wide range of applications, the 6270 offers an economical method to increase network flexibility and access. Typical applications may include:

- Program development or maintenance off site.
- Corporate sales or branch offices who require only a few hours of computer access a day.
- Minicomputer users who wish to access 3270 applications.
- Communicating word processing users who require data base information.
- Time sharing users.

With the 6270, users now have the ability to access multiple data bases from a single device, increasing productivity and reducing cost.

The 6270 is an intelligent, microprocessor based communications control unit which allows a variety of inexpensive ASCII CRT displays and printers to access IBM host systems via the 3270 datastream. The 6270 supports IBM's binary synchronous (BSC) communications protocol at data rates up to 9600 BPS and emulates an IBM 3271/74/76 control unit when operating in the BSC mode.

The 6270 may be configured with up to 16 access ports. Up to two ports can be defined for synchronous communication with the remaining access ports available for asynchronous device attachment. ASCII displays and printers are

attached to the 6270 either locally via direct connect or remotely via modems. With remote attachment, the 6270 supports non-switched (leased lines) or switched (dial-up) lines. Data rates up to 9600 BPS are supported, with automatic based rate detection. With two synchronous communication lines, a user can access multiple applications on the same host or multiple host. For the minicomputer user, the 6270 allows direct connection to the minicomputer communications port and access to the IBM host.

To the host system, the 6270 and the attached ASCII displays appear as a 3270 control unit with 3277/78 displays. To the display operator all the 3277/78 display and keyboard functions are available. In addition, the 6270 provides full screen processing in formatted or unformatted mode and supports multiple ASCII display types. For convenience, port access can be defined by the user through a Device Authorization Class table which also allows easy reconfiguration of the system if required. For the user who is concerned with system security, the 6270 provides a password protection feature which allows only authorized users to gain host access. In the rare event of a system failure the 6270 provides a comprehensive set of diagnostics for problem isolation. If repair is required, Carterfone's nationwide service organization is available for rapid response.

The Carterfone 6270 is the flexible and economical answer for extending network access to a greater number of users.

SPECIFICATIONS

Communication lines —

	Asynchronous	Synchronous
Maximum Mode	7 (15*)	2**
Code	Full Duplex	Half Duplex
Protocol	ASCII	EBCDIC
Class	TTY II	BSC
	Switched or non-switched point to point	Non-switched multi-point tributary
Clocking	Internal	External
Data rates (bit/s)	50, 75, 110, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, 9600	Up to 9600
Automatic speed detection	Standard	n/a
Interface	EIA RS 232C (CCITT V.24/V.28)	EIA RS 232C

*With expansion.

**Where 2 synchronous lines are used, maximum asynchronous line count is reduced by 1.

Electrical

Voltage	115 VAC ± 10% (std) 230 VAC ± 10% (opt)
Frequency	60 Hz., single phase (std) 50 Hz., single phase (opt)
Current	3.0 A at 115 V, 1.5 A at 230 V

Physical

External dimensions	Enclosure
Wide	19.0", 48.3cm
Deep	22.5", 57.2cm
High	9.0", 22.9cm
Mass (weight)	21.8 kg (48 lb)

Environmental

Heat dissipation	1450 BTU/HR
Ambient operating temperature	5° to 40°C (41° to 104°F)
Relative humidity	
Operating	10 to 95% non condensing
Non-operating	0 to 100% non condensing

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