

# Connectivity Solutions A Universal Converter

**Linear**  
INDUSTRIES LTD.

- \* Facilitate connections of your Linear or Synel terminals.
- \* Operate under WINDOWS or DOS.

## Basic Description

Linear's Converter provides the interface circuitry needed to connect any computer to Linear or Synel terminals. This compact and smart-looking module connects up to 31 terminals to a personal computer, over long distances. That is the Converter enables asynchronous RS-232 devices to connect to RS-485 networks and be driven up to 1200 meters. The RS-232 interface is selectable to support either positive or negative logic for DTR signal, when the Converter interfaces a communication port accessible in real time (such as for PC under DOS applications).

The Converter is suitable for installations where the comm. port is not accessible in real time (such as for Windows applications). Selections among the various modes of operation, are achieved by small jumpers, on-board.

The Converter also allows several terminals to be connected on the same line, by enabling the RS-422 option. Finally, for modem operation, the Converter can be set to function at 4800 or 9600 bps at half-duplex.

Indicator lights on the unit are used to verify traffic direction (transmit or receive) and as an aid in identifying a problem.

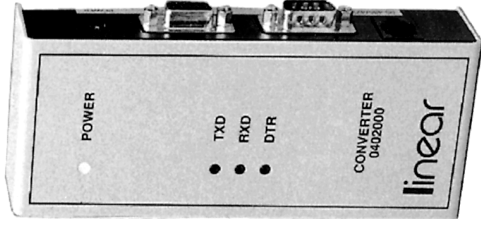
## Characteristics

Interfacing  
\* Protocol Asynchronous  
\* Data rate 1.2 to 9.6 kb/s  
\* Traffic type Half & full duplex

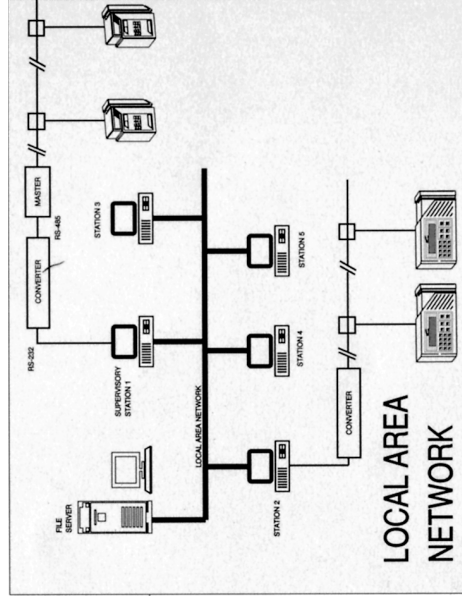
Main-Machine Interface  
\* LED indicators Power, Transmit, Receive, DTR

Mechanical Features  
\* Dimensions (cm) 60x152x30  
\* Weight (g) 400

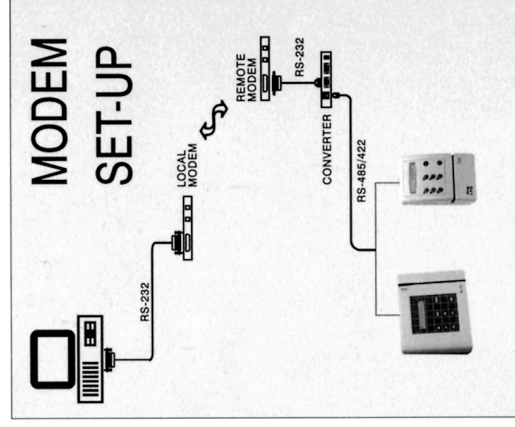
Power Supply  
9 to 12 Vdc or 6 to 12 Vac



Converter



LOCAL AREA NETWORK



MODEM SET-UP

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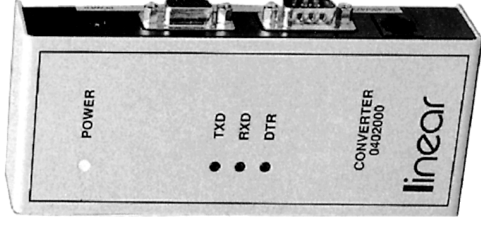
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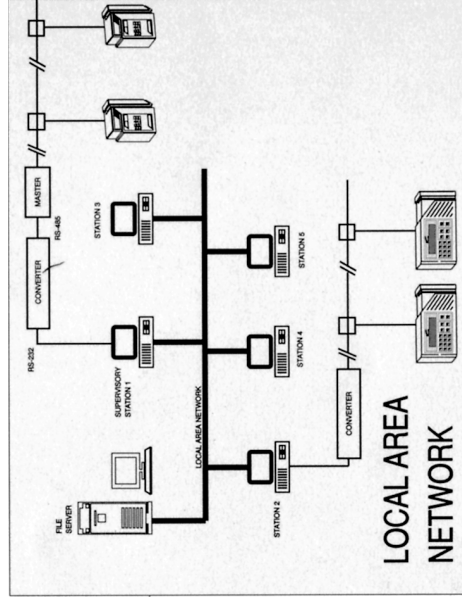
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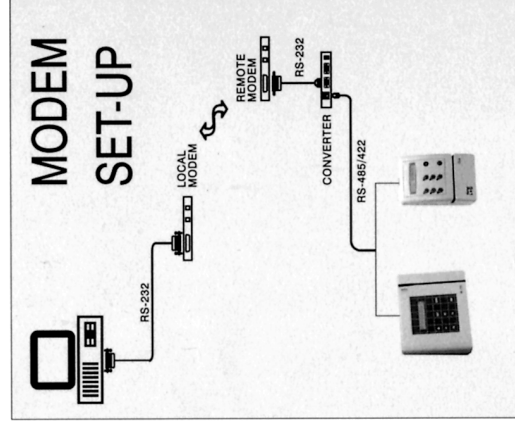
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MODEM SET-UP

LINEAR INDUSTRIES LTD.

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Original 8/99  
update: 3/00

Specifications subject to change without notice.

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