BLACK BOX®
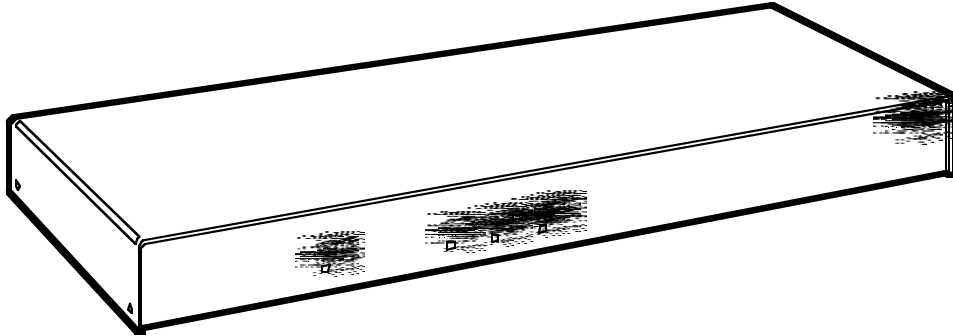## NETWORK SERVICES

V.11 LS

Split your data stream among multiple users and receive high-speed data broadcasting.

Key Features

▶ *Gives you data-rate buffering capabilities up to 10 mbps, and at greater distances.*

▶ *Compatible with V.35, RS-422/449, RS-530 and RS-485 equipment.*

▶ *Supports up to eight devices.*

▶ *Uses no software or data processors.*

▶ *Ideal for VSAT Data/Clock Broadcasting.*

▶ *Fully cascadable, so you can be assured that your subchannel ports won't be lost.*

The BLACK BOX®V.11 LS can bring high-speed data broadcasting to your network.

The V.11 LS is an excellent choice for your business if you're planning to implement real-time applications. More companies are going this route today, and the V.11 LS will help you stay competitive.

Designed for companies that need an increased level of speed in their receive-only applications, the hardware device delivers data-rate buffering capabilities up to 10 mbps and simultaneously supports up to eight receive-only terminals.

The V.11 interface is compatible with balanced interfaces for V.35, RS-422/449, RS-530, and RS-485.

Moreover, the V.11 LS can support data transmissions at far greater distances than RS-232 and is transparent to the data stream.

It's more reliable, too. The device's master port features tandem DB-15 connectors, which allow the V.11 LS to be cascaded without losing any subchannel ports. It continuously broadcasts Receive Data, Receive Timing, and Indicate control signals from the data source to the eight output terminal ports. It also has a high Mean Time Between Failure (MTBF) rate—over 100,000 hours. *That's more than 11 years.*

Operation is easy. Simply plug a male DB-15 cable into the female DB-15 input port on the back panel, then insert up to eight male DB-15 connectors into the 1 through 8 ports. Data, Clock, and Indicate are received on the master port and broadcast out simultaneously on the 1–8 ports.

To assist operation and diagnostics, the V.11 LS features four green LED indicators on its front panel. The Power indicator lights up when the AC voltage is applied to the box, and three adjacent LEDs illuminate when receiving data, clock and the user-defined control signal. You know the control signal is present when the Indicate LED glows.

Housed in a sturdy aluminum enclosure, the V.11 LS is supplied with an internal linear power supply. It also contains a 110/120 VAC rotary select switch at its rear. And the device can operate on standard power found in all countries.

Typical Application

The V.11 LS is an ideal when you have to continuously update public data displays or distribute continuous, noncritical data to multiple LANs, PCs, or receive-only printers. With a high MTBF rate, it's also the right choice for distributors and resellers who depend on a reliable data stream to keep their high-volume businesses running.

Specifications

Application — Multiple synchronous broadcasting of Data, Clock, & Indicate

Compliance — UL® 1950, FCC Class A, CE for Europe approvals

MTBF — >100,000 hours

Data Format — Data transparent at all data rates

Data Rates — Up to 10 mbps

Maximum Altitude — Up to 3,048 m

Temperature — Operating: 0 to 50° C

Humidity —5 to 95%, non-condensing (relative)

Indicators — Front panel: Power, Data, Clock & Indicate

Interface — ITU V.11 compliant, X.21

Connectors — Subchannel ports: (8) DB15 Female; Master ports: (1) DB15 male, (1) DB15 female

Power — 100–120 to 200–220 VAC, 50/60 Hz selectable

Size — 4.6 x 43.2 x 22.9 cm

Weight — 2 kg

The complete package:

• V.11 LS data broadcasting unit.

• User manual.

• USA-grounded power cord, Part # 71305.

Additional equipment you may need:

• DB15 Cable with EMI/RFI Protection.

For these and other components...

Call our expert Technical Support Staff for all your data-transmission needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
V.11 LS TL576A	
OPTIONAL ACCESSORY	**ORDER CODE**
DB15 Cable with EMI/RFI Protection, Male to Male	
6-ft (1.8-m) EGM16E-0006-MM	
10-ft. (3.0-m) EGM16E-0010-MM	
20-ft. (6.0-m) EGM16E-0020-MM	