DBU-2328
DATA BROADCAST UNIT

RS-232

FEATURES / BENEFITS

√ **Interface - EIA RS-232, DB-25 Female Connectors**

√ **Data Rates - Sync or Async to 128Kbps**

√ **Visual Indication of Data/ Clock Activity**

√ **Receive Data, Clock and Optional Control Signal Broadcast to all Subchannels**

√ **Redundant Cascading via Latching Relays**

√ **Surge Suppression on all RS-232 Data Interfaces and Power Supply**

√ **Ideal for V-SAT Data/Clock Broadcasting**

√ **Sturdy Metal Enclosure**

√ **110/220VAC Switch Selectable**

DESCRIPTION

The East Coast Datacom DBU-2328 is designed for use in RS-232 receive only data broadcast applications. Examples of typical data broadcast applications are; Continuously updated public data displays and distribution of continuous data to Routers, PC's or receive only printers.

The expanding role of V-SAT systems in receive only applications for real time data distribution is expected to increase dramatically over the next several years. The DBU-2328 is an excellent choice for applications of this type or any RS-232 simplex data distribution.

The DBU-2328 utilizes an RS-232 interface with data rate capabilities up to 128Kbps. The unit supports up to eight receive only terminals simultaneously. Surge protection is provided for all RS-232 data interfaces and the power supply input.

The DBU-2328 continuously broadcasts receive data, receive timing and an optional control signal(DCD) from the data source to the eight output terminal ports. Each data port has independent drivers and receivers for transmission.

The DBU-2328 supports cascading multiple units together from a single data source for multiple outputs. The unit has a redundant cascade port that utilizes positive latching relays. If a single unit looses power, all remaining units will continue to function without error.

The DBU-2328 is housed in a sturdy aluminum enclosure and is supplied with an internal linear power supply. The unit has a 110/120 VAC rotary select switch located on the rear of the housing. The unit can operate on standard power found in all countries.

The DBU-2328 has a three year warranty and a 24 hour turnaround on warranty repairs.

PORT PINOUTS

Pin Number	Signal Name
1	Chassis Ground
3	Receive Data
7	Signal Ground
8	Data Carrier Detect
17	Receive Timing

Pins 5 (RTS) and 6 (CTS) are looped

EAST COAST DATACOM, INC.

SPECIFICATIONS

Application
Multiple Sync or Async Broadcasting
of Data, Clock and a optional Control Signal

Capacity
One Input Port for DCE connection
Eight Output Ports for DTE connection
One Cascade Port(any number of units
may be cascaded)

Interface
EIA RS-232 with Surge Protection

Data Rates
Up to 128Kbps

Data Format
Data transparent at all data rates

Port Connections
DB-25 female connectors

Front Panel Indicators
Power(PWR), Receive Data(RXD),
ReceiveTiming(CLK) and Data Carrier Detect(DCD)

Power Source
100-120 to 200-220VAC @10%, 50/60Hz, 0.16/0.08A,
external 110/220 volt select switch, IEC Power Inlet,
(2) 5mm Fuses

Environmental
Operating Temperature....32º to 122º F (0º to 50º C)
Relative Humidity.............5 to 95% Non-Condensing
Altitude............................0 to 10,000 feet

Dimensions
Height .... 1.75 inches (4.44 cm)
Width .... 13.35 inches (33.09 cm)
Length .... 9.00 inches (22.86 cm)

Weight
4.5 pounds (2.1 Kg)

Warranty
Three Years, Return To Factory

ORDERING INFORMATION
Part Number: 115000
Model: DBU-2328
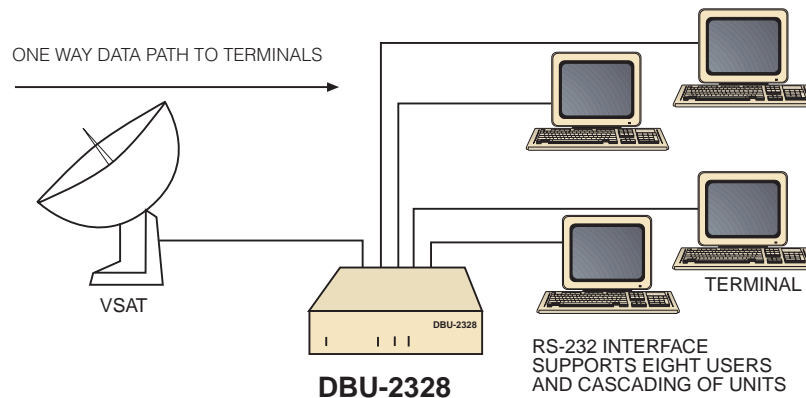Description: 8 Port, RS-232 Data Broadcast Unit

INCLUDED WITH EACH UNIT:
1) Operations Manual
2) Power Cord

OTHER EAST COAST DATACOM PRODUCTS

MODEM AND PORT SHARING DEVICES
LINE DRIVERS
VDSL MUX
INTERFACE CONVERTERS
RATE ADAPTERS

EAST COAST DATACOM DESIGNS AND
MANUFACTURES DATA COMMUNICATION
EQUIPMENT FOR YOUR NETWORK
REQUIREMENTS.

EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.

ONE WAY DATA PATH TO TERMINALS

VSAT

DBU-2328

DBU-2328

TERMINAL

RS-232 INTERFACE
SUPPORTS EIGHT USERS
AND CASCADING OF UNITS

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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