

# DBU-16 DATA BROADCAST UNIT

RS-232/RS-422



## FEATURES / BENEFITS

- ✓ Interface - EIA RS-232 or ITU V.11 for RS-422, RS-485, X.21 or V.35
- ✓ Data Format: Async
- ✓ Data Rates - RS-232 to 128Kbps, ITU V.11 to 2.048Mbps
- ✓ Switch Selectable for RS-232 or V.11
- ✓ Front Load 4-Port Cards
- ✓ Visual Indication of Data Activity
- ✓ Receive Data Broadcast to sixteen Subchannels
- ✓ Ideal for V-SAT Data Broadcasting
- ✓ Sturdy Metal Rackmount Enclosure
- ✓ 110/220VAC Switch Selectable

## DESCRIPTION

The DBU-16 is designed for use in receive only async data broadcast applications. The unit has two separate input ports, capable of accepting RS-232 or RS-422(or any V.11 compliant interface) data. The user must select, via a slide switch the preferred input method. Additionally, the unit has a dedicated cascade port for chaining DBU-16 units together.

The DBU-16 continuously broadcasts receive data from the input port. The input signals are split with the internal circuitry and rebroadcast out on sixteen output ports. The output ports are divided into four modular cards. Each modular card has four output ports capable of RS-232 and RS-422(or any V.11 compliant interface). Front panel LED indicators illuminate in green or yellow depending on the data type(RS-232 or RS-422).

The user may also utilize the DBU-16 as a interface converter. This function allows RS-232 input data to be broadcast as RS-422 data or RS-422 data to be broadcast as RS-232 data. Utilizing RS-422(V.11) can support data transmissions at far greater cable distances than does RS-232. The DBU-16 can support an unlimited amount of receive only devices simultaneously.

The DBU-16 is housed in a sturdy aluminum 1U rackmount enclosure and is supplied with an internal linear power supply. The unit has a 110/220 VAC rotary select switch located on the rear of the housing.

**EAST COAST DATACOM, INC.**

# SPECIFICATIONS

## Application

Multiple Async Data Broadcasting

## Capacity

One Input Data Source  
Up to Sixteen Output Ports  
One Cascade Port (any number of units may be cascaded)

## Data Format

Data transparent at all data rates

## Data Rates

RS-232 Up to 128Kbps  
RS-422(V.11) Up to 2.048Mbps

## Input Electrical Interface

RS-232 or RS-422 (V.11) signal levels

## Input Connectors

DB-9 Female Connectors

## Output Electrical Interface

RS-232 or RS-422 (V.11) signal levels

## Output Connectors

RJ-45 Female Connectors

## Port Connections

DB-25 female connectors

## Cascade Port

DB-9 Male connector, RS-422(V.11) electrical

## Indicators

Rear Panel: Power(PWR), Port Select, Cascade Select  
Front Panel: RS-232 Data(Green), RS-422 Data(Yellow)

## 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....32° to 122° F (0° to 50° 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: 158000

Model: DBU-16

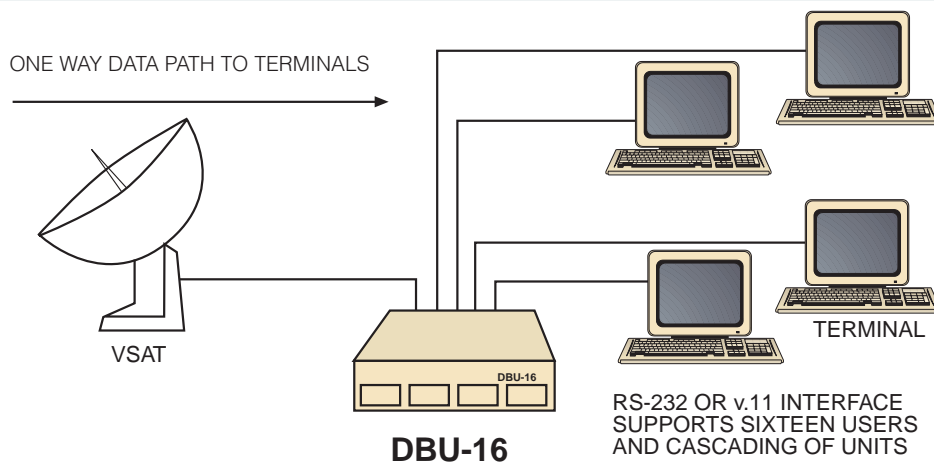
Description: 16 Port, RS-232/RS-422 Data Broadcast Unit

## 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



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