

# DBU-8485 DATA BROADCAST UNIT

RS-422 / 485 / V.11



## FEATURES / BENEFITS

- ✓ Interface - EIA RS-422/485, ITU V.11, DB-9 for (Master), DB-25 Female Connectors for Subchannels
- ✓ Data Rates - Synchronous to 10Mbps
- ✓ Visual Indication of Data / Clock Activity
- ✓ Receive Data and Clock - Broadcast to all Subchannels
- ✓ Fully Cascadable
- ✓ Ideal for V-SAT Data/Clock Broadcasting
- ✓ Sturdy Metal Enclosure
- ✓ 110/220VAC Switch Selectable

## DESCRIPTION

The East Coast Datacom Data Broadcast Unit, DBU-8485 is designed for use in receive only data broadcast applications. Examples of typical data broadcast applications are; Continuously updated public data displays and distribution of continuous noncritical data to 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-8485 is an excellent choice for applications of this type.

The DBU-8485 utilizes an ITU V.11 compliant electrical interface with data rate capabilities up to 10Mbps. Additionally, V.11 supports data transmission at far greater distances than does RS-232. The DBU-8485 can support up to 8 receive only terminals simultaneously.

The DBU-8485's master port has tandem DB-9 connectors allowing the DBU's to be cascaded 32 deep from a single data source. The DBU-8485 continuously broadcasts receive data and receive timing signals from the data source on the 8 output terminal ports. Options for additional control signal broadcasting are provided via internal jumpers.

The DBU-8485 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-8485 has a three year warranty and a 24 hour turnaround on warranty repairs.

**EAST COAST DATACOM, INC.**

# SPECIFICATIONS

## Application

Multiple Synchronous Broadcasting of Data, Clock and Control Signals

## Capacity

One to Eight Subchannels per unit, cascading up to 32 units total

## Interface

EIA RS-422/485, ITU V.11 compliant

## Data Rates

Up to 10Mbps

## Data Format

Data transparent at all data rates

## Subchannel Connection

25 pin female D-Sub connectors

## Master Port Connection

9 pin Male and Female D-sub connectors

## Front Panel

Indicators....Power, Receive Data and Receive Timing

## 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 ..... 2.00 inches (5.00 cm)  
Width ..... 12.50 inches (31.8 cm)  
Length ..... 7.30 inches (18.5 cm)

## Weight

2.25 pounds (1.02 Kg)

## Warranty

Three Years, Return To Factory

## ORDERING INFORMATION

Model: DBU-8485

Description: 8 Port Data Broadcast Unit

### INCLUDED WITH EACH UNIT:

- 1) Operations Manual
- 2) U.S.A. Grounded Power Cord, Part # 713015
- 3) Optional Power Cords
  - A) United Kingdom, Part # 713016
  - B) Continental Europe, Part # 713017
  - C) Other: Specify Country on Purchase Order

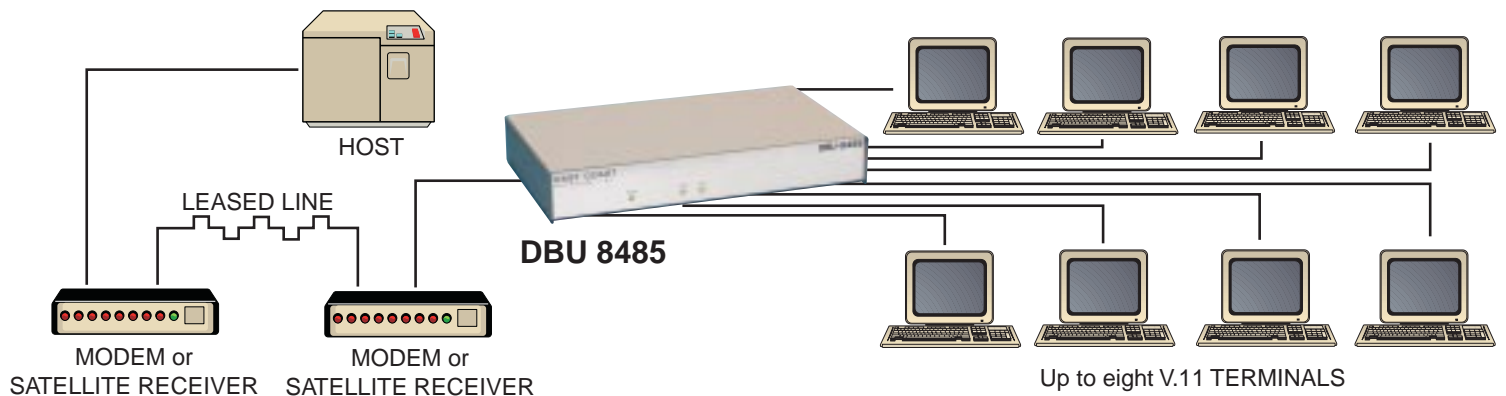
### Optional Accessories

- 1) Spare Data Center Fuses
  - A) 160ma Fuse, Qty (2) Part # 714000
  - B) 80ma Fuse, Qty (2) Part # 714001

## OTHER EAST COAST DATACOM PRODUCTS

MODEM AND PORT SHARING DEVICES  
64K SYNC LINE DRIVER  
SIGNAL REGENERATORS  
DATA BROADCAST UNIT

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



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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## EAST COAST DATACOM, INC.

526 Elliott Drive  
Merritt Island, FL 32952-4016 U.S.A.

TEL: (407) 454-4477

WEB SITE: [ecdata.com](http://ecdata.com)

FAX: (407) 454-9058