

# DBU-V.11 DATA BROADCAST UNIT

ITU-V.11/X.21



## FEATURES / BENEFITS

- ✓ Interface - ITU V.11 electrical, DB-15 connectors pinned to ITU-X.21
- ✓ Compatible with V.35, V.36, RS-422, RS-530 and RS-485
- ✓ Data Rates - Synchronous to 10Mbps
- ✓ Visual Indication of Data, Clock and Indicate
- ✓ Receive Data, Clock and Indicate Broadcast to all Subchannels
- ✓ Fully Cascadable
- ✓ Ideal for V-SAT Data/Clock Broadcasting
- ✓ Sturdy Metal Enclosure Rackmount or Standalone
- ✓ 110/220VAC Switch Selectable
- ✓ Approvals - UL, FCC Class A and CE for Europe
- ✓ Options
  - 1) 20Mbps
  - 2) Fallback Switch

## DESCRIPTION

The East Coast Datacom Data Broadcast Unit, DBU-V.11 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-V.11 is an excellent choice for applications of this type.

The DBU-V.11 utilizes an ITU V.11 compliant electrical interface with data rate capabilities up to 10Mbps. The V.11 specification supports V.35, X.21, RS-422, RS-530, RS-485 and V.36 interfaces. Additionally, V.11 supports data transmission at far greater distances than does RS-232. The DBU-V.11 can support up to 8 receive only terminals simultaneously.

The DBU-V.11's master port has tandem DB-15 connectors allowing the DBU's to be cascaded without losing any subchannel ports. The DBU-V.11 continuously broadcasts Receive Data, Receive Timing and Indicate control signals from the data source to the 8 output terminal ports.

The DBU-V.11 is housed in a sturdy aluminum 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. The unit can operate on standard power found in all countries.

The DBU-V.11 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 Optional Control Signal

## Capacity

One to Eight Subchannels per unit,  
cascading in unlimited

## Interface

ITU V.11 compliant, Pinned to X.21. Compatible  
with V.35, V.36, RS-422/449, RS-530 and RS-485

## Data Rates

Up to 10Mbps  
Optional 20Mbps

## Data Format

Data transparent at all data rates

## Subchannel Connection

15 pin female D-Sub connectors

## Master Port Connection

15 pin Male and Female D-sub connectors

## Front Panel

Indicators....Power, Data, Clock and Indicate

## 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 ..... 17.00 inches (43.18 cm)  
Length ..... 9.00 inches (22.86 cm)

## Weight

4.50 pounds (2.1 Kg)

## Warranty

Three Years, Return To Factory

## Approvals

UL 1950, FCC Class A, CE for Europe

## ORDERING INFORMATION

Model: DBU-V.11

Description: 8 Port Data Broadcast Unit

Model: DBU-V.11/20

Description: 8 Port Data Broadcast Unit  
with 20Mbps capability

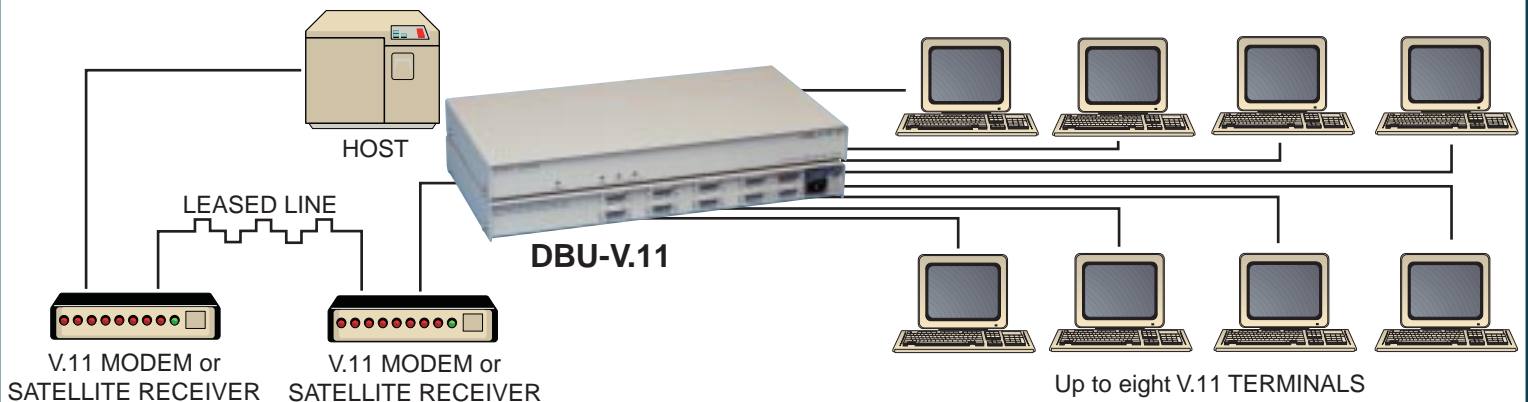
Model: DBU-V.11/IFS

Description: 8 Port Data Broadcast Unit  
with Integral Fallback Switch

## 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

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



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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