

# DBU-V11/FB DATA BROADCAST UNIT WITH FALLBACK SWITCH



## FEATURES / BENEFITS

- ✓ Interface - ITU V.11 electrical, DB-15 connectors pinned to ITU-X.21
- ✓ Integral fallback switch supports modes of automatic or manual switching
- ✓ Switches on Data, Clock or control signal leads
- ✓ 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
- ✓ Sturdy Metal Enclosure Rackmount or Standalone
- ✓ 110/220VAC Switch Selectable
- ✓ Approvals - UL, FCC Class A and CE for Europe

## DESCRIPTION

The DBU-V11/FB is designed for use in receive only data broadcast applications while allowing redundant data feeds. The DBU-V11/FB continuously broadcasts receive data, receive timing and Indicate (any user defined control signal from the main input data source may be used). The input signals are split with the internal circuitry and broadcast out on the seven output ports. An additional dedicated cascade port is provided for cascading DBU-V11 units without losing a sub-channel port.

The DBU-V11/FB utilizes an ITU V.11 (X.21) balanced interface with a maximum data rate of up to 10Mbps. Additionally, V.11 can support data transmissions at far greater cable distances than RS-232 signal levels. The unit can support an unlimited amount of receive only terminals simultaneously.

The DBU-V11/FB's input data ports have tandem DB-15 female connectors. This allows a dedicated input port and an additional input port as the fallback port. The integral fallback switch supports switching modes of automatic or manual. The unit will monitor data, clock or Indicate control signals for switching.

The DBU-V11/FB is housed in a sturdy metal enclosure for standalone or rackmount applications. The unit is equipped with an internal 110/220VAC switch selectable linear power supply and has a three year warranty.

**EAST COAST DATACOM, INC.**

# SPECIFICATIONS

## Application

Multiple Synchronous Broadcasting of Data, Clock and optional control signal to multiple devices with redundant data feeds

## Fallback Switch

Automatic or manual modes  
Allows switching on Data, Clock or Indicate control signals with selectable times of 20, 60, 200 or 800Ms

## Capacity

Seven broadcast Subchannels per unit  
One or two data input ports  
One dedicated cascade port

## Interface

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

## Data Rates

Up to 13Mbps

## Data Format

Data transparent at all data rates

## Subchannel Connection

15 pin Female D-Sub connectors

## Master Port Connection

15 pin Female D-sub connectors

## Cascade Port Connection

15 pin Male D-sub connectors

## 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

## Front Panel

Indicators....Power, Receive Data, Clock and Indicate, Primary and Backup data sources  
Switches....Primary or Manual backup

## 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

## ORDERING INFORMATION

Model: DBU-V11/FB

Description: 7 Port Data Broadcast Unit with integral fallback switch

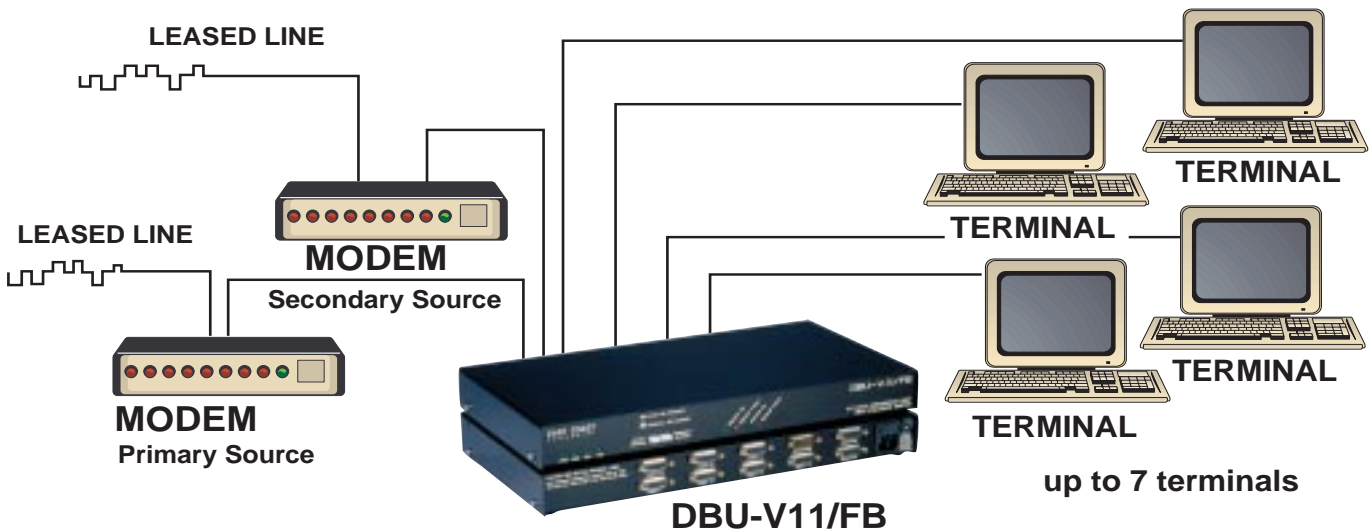
## INCLUDED WITH EACH UNIT:

- 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

## OPTIONAL ACCESSORIES

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

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



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

DOC # 721015

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