



## Hall Research Technologies, Inc

1163 Warner Ave.  
Tustin, CA 92780  
Phone:  
Fax:

(714) 641-6607  
(714) 641-6698

# User's Manual

## Model 400-DX

## Quad XGA Splitter with Cable Compensation

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### General Description

The Model 400-DX is a 1 in x 4 out VGA video Splitter / Distribution Amplifier with field programmable cable length compensation on 2 outputs.

The unit has 2 standard outputs capable of driving cables up to 100 to 200 feet in length (depending on the resolution setting). The 2 DX outputs can be programmed using Dip Switches on the unit to drive any length of cable up to 600 feet.

The Model 400-DX provides amplification of video signal with very high bandwidths (exceeding 250 MHz) to ensure operation at up to 1600x1200 pixel resolutions. As noted earlier, Outputs #1 & 2 have special gain and frequency compensation for connection to long cables.



### Features

- Low Cost, high Reliability
- Packaged in portable EMI shielded enclosure
- Field-Programmable frequency-profile cable compensation for driving long cables
- Resolutions to 1600x1200
- HDD15 connectors for input and outputs
- Comes with cable and 110 VAC power supply (220 VAC available)
- Made in the USA
- 2 year warranty

### Setup

Your package should include a six-foot high resolution VGA-Type video input cable, a power adapter, and the Video Splitter unit itself.

Locate the Video output connector on the Computer. This connector is usually a HD15 female with three rows of contacts. Using the cable supplied, connect the input of the Splitter to the computer. Connect the AC adapter to the Splitter and plug it in the AC source.



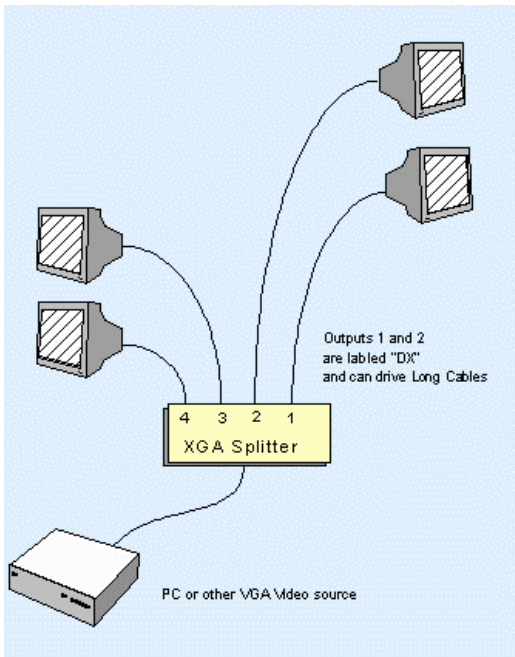
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The Model 400-DX has special compensation to drive long video cables on outputs 1 & 2. Use the following table to set the dip switch

<i>Dip Switch Setting</i>	<i>Range of Cable on Outs 1 &amp; 2</i>
▲▲	0 to 100 feet
▼▲	100 to 250 feet
▲▼	250 to 400 feet
▼▼	400 to 600 feet

If you are using cables longer than 25 feet on the output of the splitter, make sure that the cable is connected to a monitor for proper termination, otherwise disconnect the cable from the splitter.

### ***Block Diagram***



### ***Specifications***

#### ***Equipment included:***

- UL approved 110 vac adapter
- 6 ft high-resolution input cable
- User's Manual

#### ***Dimensions:***

L x W x H: 7.25x2.75x1.25 inch

#### ***Weight:***

2 lbs

#### ***Video Specs:***

Connectors	HDD15 female
Coupling	DC
Video Level	0.7 v p-p
Video Gain	1 nominal

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