

# MULTI-CHANNEL DIGITAL MODULATORS

**Front view**



**RFD-10**  
Mini modulator  
Single input  
3.4"W x 4.4"D x 1.1"H

**Rear view**



**RFD-100**  
Deluxe modulator  
Single input

**RFD-200**  
Deluxe Modulator  
Dual inputs

**RFD-300**  
Deluxe Modulator  
Triple inputs



The Aska Multi-channel Digital Modulators accept the audio/video outputs from one, two and three video sources respectively and create one, two and three in-house television channels, either UHF channel of Ch-14 - Ch-83 or Ultra CATV channels of Ch-65 - 139.

The sources of video/audio input can be a VCR, DVD, CCTV camera, Satellite Receivers, etc.

RFD-10 is a single input mono modulator, housed in a mini Aluminum case.

RFD-100 is a single input, RFD-200 is a dual inputs, and RFD-300 is a triple inputs mono modulator, housed in a deluxe metal housing.

All of modulators feature frequency-agile tuning and just push the channel selector button to choose the desired Channel and the internal microprocessor digitally sets the modulator to the exact channel specification.

All modulator comes with power supply and instruction sheet for easy set-up.

In case of combining Off-Air or CATV signal with modulated signals, recommend to use Aska Model SP-21G 2-way splitter which is available from stock.

Depend on the Modulator and number of channels, 6-Ft Stereo dubbing cable (Aska #CSD-6) are required which can be supplied from Aska stock.

## **Specifications (RFD-10, 100, 200 & 300) RF Output**

Output Frequency Range:	470-860MHz
UHF channels	Ch-14 - 83
CATV channels (ultra)	Ch-65-139
Impedance:	75 Ohm
Output Level:	13dBmV per channel
A/V ratio:	16dB
Video Frequency stability:	+20KHz
Audio Frequency stability:	4.5MHz
Spurious response:	-50dB

## **INPUTS**

Video input:	75% Min. 1V, p-p
Video impedance:	75Ohm
Audio input:	1Vp-p Min.
Audio impedance:	10K unbalance

## **General Specifications**

Dimensions:		
	RFD-10	3.4"W x 4.4"D x 1.1"H
	RFD-100,200,300	6.7"W x 5.1"D x 2.0"H
Connectors:		
	RF outputs	F-type connectors
	VIDEO/AUDIO inputs	RCA Jack
	Power	DC Jack
Power Requirement:		117VAC/60Hz - 15VDC/300mA
Operating temperature:		32°F - 120°F

**Available through**

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