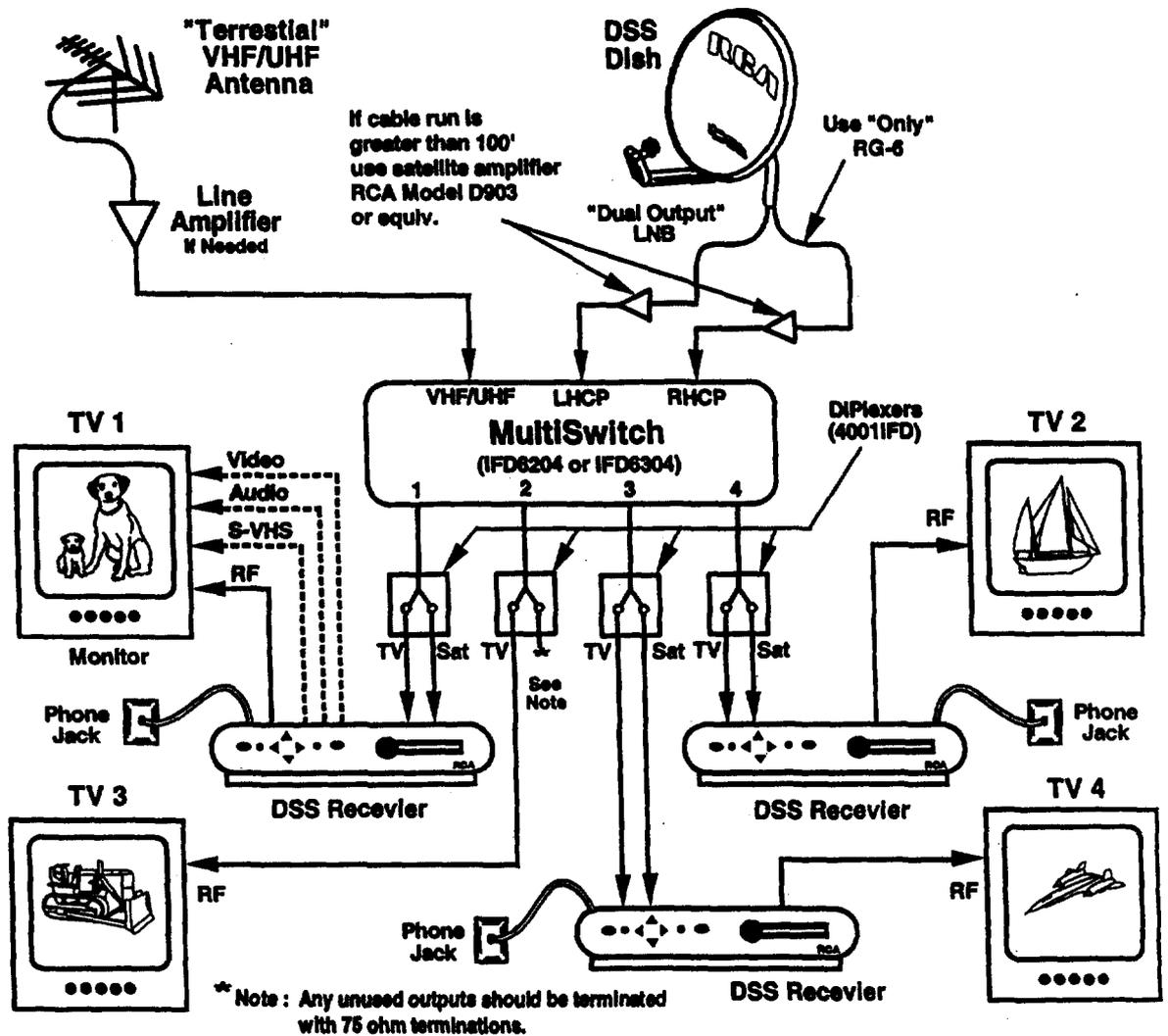


**Multiple TV/Multiple Receiver/Dual Output LNB with MultiSwitch**



**Equipment & Materials**

1. DSS System (Dual Output LNB) with additional receivers (Model # DRD102RW).
2. DiPlexers (Channel Master 4001IFD or equivalent).
3. VHF/UHF Antenna.
4. VHF/UHF Line Amplifier (Channel Master 0064C).
5. Miscellaneous cabling (RF/Audio/Video/S-VHS If Needed).
6. MultiSwitch -- (Channel Master 6204IFD or 6304IFD or equivalent).  
6204IFD--Non-Amplified Terrestrial  
6304IFD--Amplified Terrestrial (VHF/UHF Line Amp not needed if used).
7. Satellite Amplifier -- If Needed (RCA # D903 or equiv.)

**Benefits and/or Restrictions**

1. Flexible, Versatile and Expandable system. Utilize in "Prewired" New Home construction.
2. Each TV can view VHF/UHF or Satellite signal independently.
3. Requires extensive installation skills and knowledge of RF distribution systems.

**Special Considerations (If any)**

1. If 4 or more outputs required -- See Fig. 4, page 14 for example of "Multiple" MultiSwitch Installation.
2. Requires installation of "Hub" in central location.
3. Requires phone jack at each receiver location.
4. In "Prewire" applications, dish mounting location must be carefully chosen to consider future landscaping, growth of bushes and trees, etc.

**RCA**  
COMMERCIAL PRODUCTS

Digital  
Satellite System

---

**Engineered for  
Commercial Use**

**Non-Volatile  
Memory Features**

**Built-In Frequency  
Agile Modulator**

**Unique  
Entertainment  
Packages From**



U.S. Satellite Broadcasting



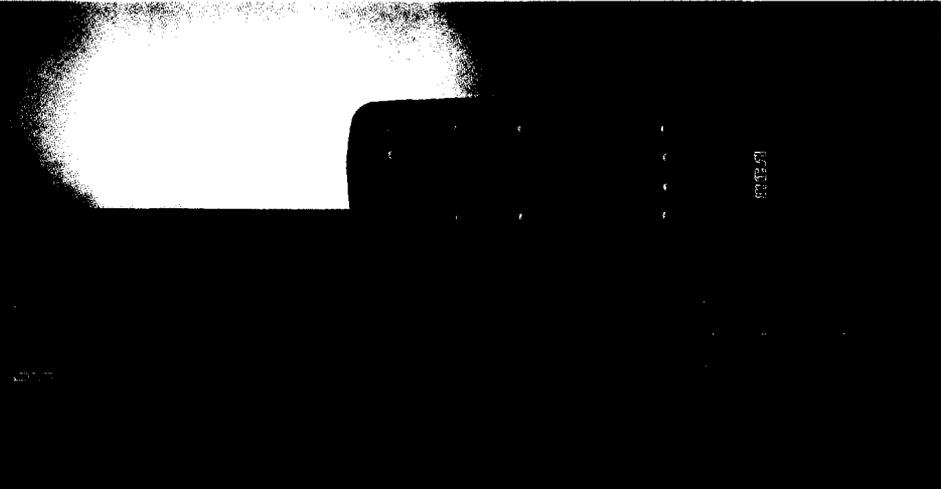
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**THOMSON CONSUMER ELECTRONICS**  
*First In Commercial Digital Television Entertainment.*

### Digital Satellite Receiver

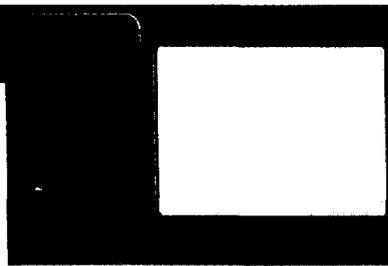
### DCD302RA

*Engineered for Commercial Use*



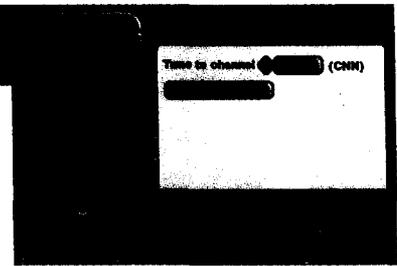
#### POWER LOCKOUT

Allows auto power-on after a power failure. Also prevents receiver from being turned off.



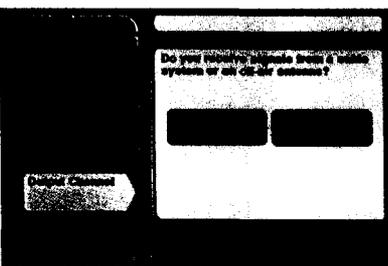
#### CHANNEL HOLD

Receiver can be locked to a specific channel, preventing unauthorized changes.



#### BUILT-IN AGILE MODULATOR

Modulates DSS® signal onto an unused TV channel. Offers a cost effective distribution option.



#### PROGRAM GUIDE HOLD

Timeout on program guide can be disabled, creating a continuous guide channel.



#### ■ INFRARED INPUT JACK

To control receiver with most current signal sending hardware.

#### ■ UL LISTED FOR COMMERCIAL USE

#### ■ ONE-YEAR LIMITED WARRANTY

#### ■ 30-Button Universal Remote Control\*

#### ■ 16-Color On-Screen Display {OSD}

#### ■ Hidden Access Card



Rear Jack Panel

\*Controls most brands of TVs

## Digital Satellite Dish Antenna

**DSA201RA**

*For Commercial  
Applications*



### DUAL OUTPUT LNB

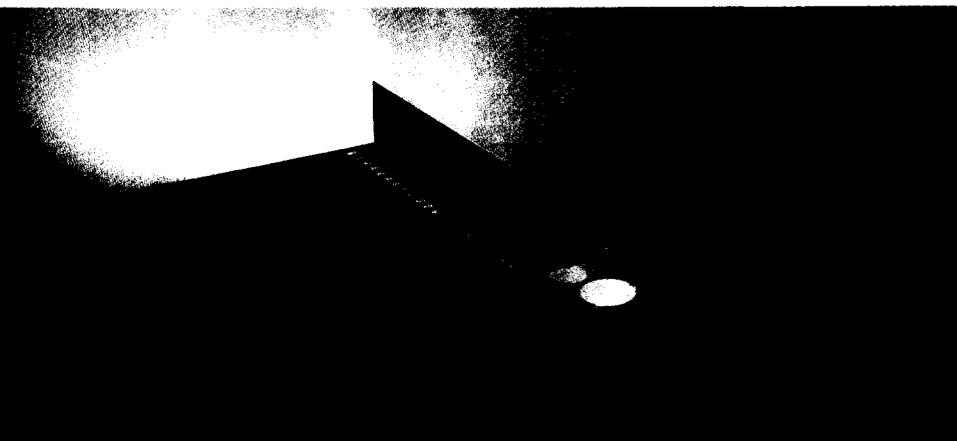
Allows DSS® signal to be output to multiple receivers.

- 24" Width for Commercial Use
- One-Year Limited Warranty
- Light Satellite Gray Finish

## Rack Mount Kit

**IRD002K**

*Designed for  
DCD302RA*



### 19" MOUNTING BRACKETS

- Allows RCA DSS® receivers to be mounted in standard equipment racks.
- Flexible setup and security.

- UL Tested for Commercial Use
- One-Year Limited Warranty
- Satin Black Finish

## RCA DSS® ACCESSORIES

### Multi-Switch D6214

- Provides signal distribution for head-end and multiple location installations.
- Distributes four independent signals from dual LNB inputs.
- Optional input for distribution of an off-air/cable signal.

### Power Divider D2271

- Use to build head-end and multiple location installations.
- Allows incoming signal to be split out to two devices.
- Works with DSS®, cable, and off-air frequencies (40-2050 MHz).

### RG-6 Cable D996SPE

- Offers optimal compatibility, reliability, and signal transfer with RCA satellite systems.
- Dual LNB cable with a messenger wire for proper grounding.
- 1000-foot bulk spool.

### F-Connectors D905

- Heavy-duty, weatherproof construction.
- Tested under pressure to ensure water repellency.
- Perfect for use with bulk RG-6 cable (D996SPE).

# Digital Satellite System



COMMERCIAL PRODUCTS

## Signal Distribution Head-End Example

### EASILY ADAPTS TO YOUR CHANNEL AND LOCATION REQUIREMENTS\*

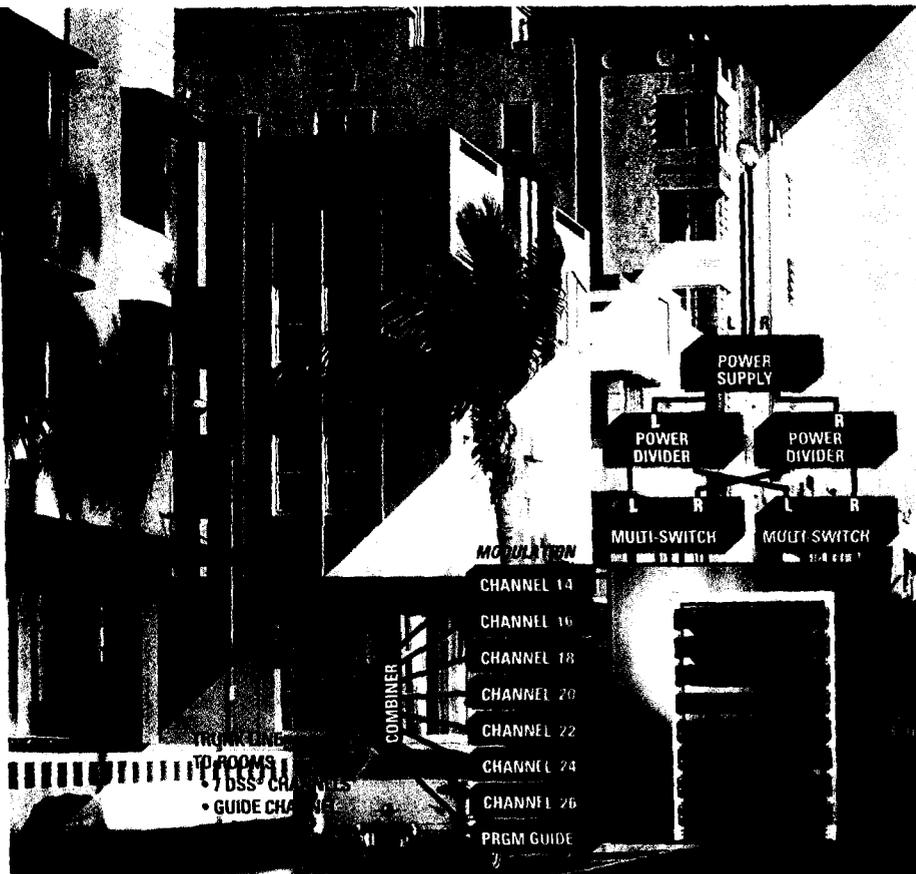
- Commercial/MDU
- Head-end/on-premise

### INTEGRATES WITH YOUR:

- Existing wiring
- Local programming

### FOR THE DSS® SOLUTION THAT'S RIGHT FOR YOU:

- Call your RCA distributor
- Or, call 1-800-333-7221



Dish shown larger than actual size

## PRODUCT SPECIFICATIONS

DCD302RA	SATELLITE RECEIVER	DSA201RA	SATELLITE ANTENNA
Front Panel Control	8-Button	LNB Input Frequency	12.2-12.7 GHz
Frequency Modulator Channels	Agile 470-806 MHz	LNB Output Frequency	950-1450 MHz
Direct IR Input	UHF 14-69, Cable 65-95, 99-125	LNB Output	Twin F-Type
Remote Control	3.5mm Mini Jack	LNB Polarity	Dual
Type	CRK91	LNB Feed	Circular
Universal Operation	Infrared, 30-Button	Dimension	24"W Parabolic
Batteries	Most TV Brands	Construction	Galvanized Steel
Power Requirements	AAA(4)	Finish	Light Satellite Gray
Power Consumption	120VAC	Shipping Weight	25.4 Lbs.
A/V Connections	24W	UPC Code	034909670590
Satellite In	Rear Panel		
In From Antenna	F-Type (950-1450MHz)		
Out To TV	F-Type		
S-Video	F-Type		
Video	4-Pin DIN		
R/L Audio	RCA-Type (2)		
Wideband Data Port	RCA-Type (2 Pair)		
Phone Jack	15-Pin D-Type		
Dimensions	Modular RJ 11		
Finish	15-1/2"W x 2-1/2"H x 14-1/4"D		
Shipping Weight	Ebony Texture		
UPC Code	8.6 Lbs.		
	034909670477		

IRD002K	RACK MOUNT KIT
Installation	Mounts In Standard 19" Rack
Orientation	Front Or Back
Access Card Door	Secured Or Accessible
Dimensions	19"W x 2-5/8"H x 14-1/8"D
Construction	Metal
Finish	Satin Black Epoxy
Shipping Weight	6.3 Lbs.
UPC Code	034909651247

\*Additional equipment may be required.

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