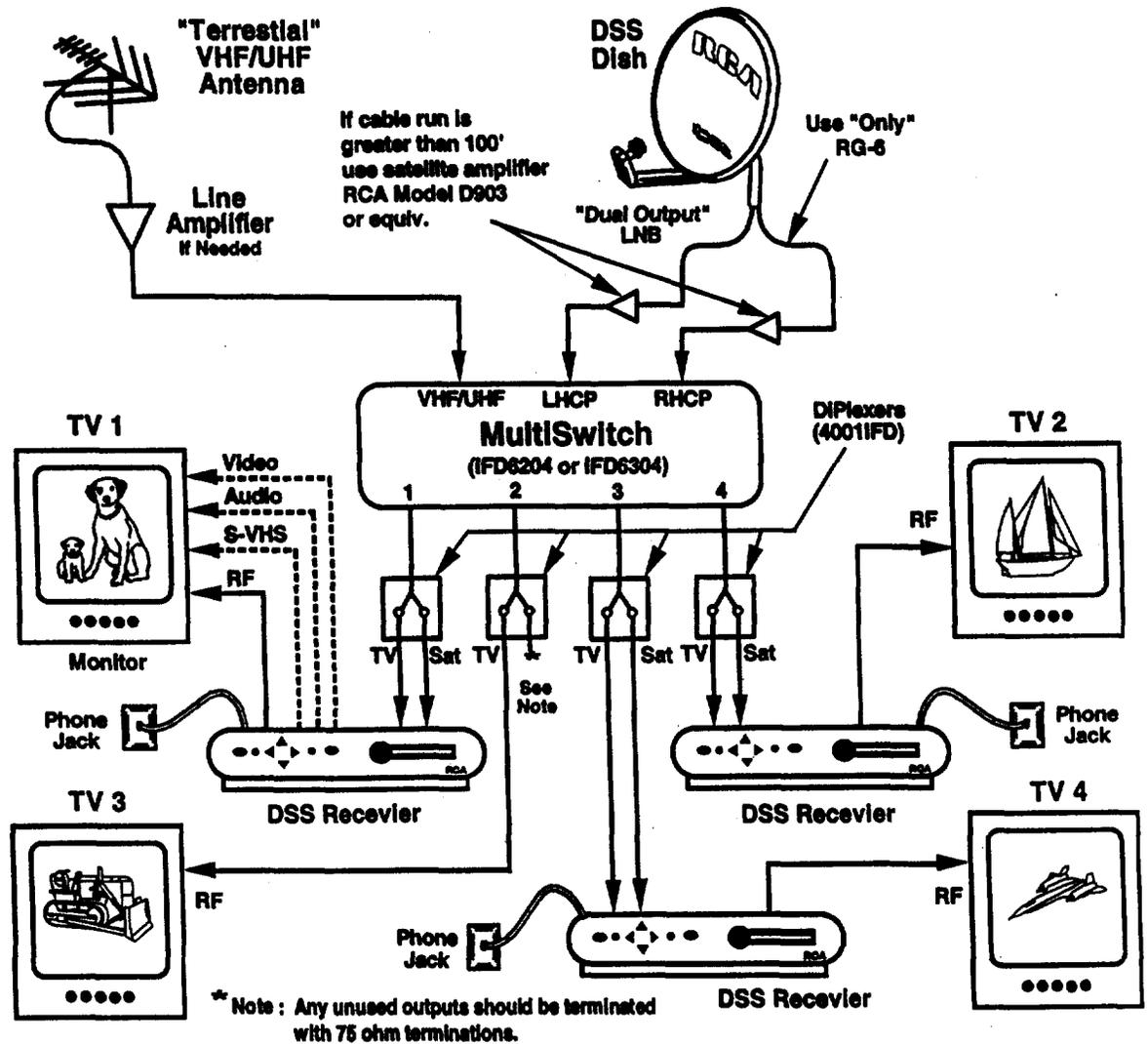


Multiple TV/Multiple Receiver/Dual Output LNB with MultiSwitch



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**

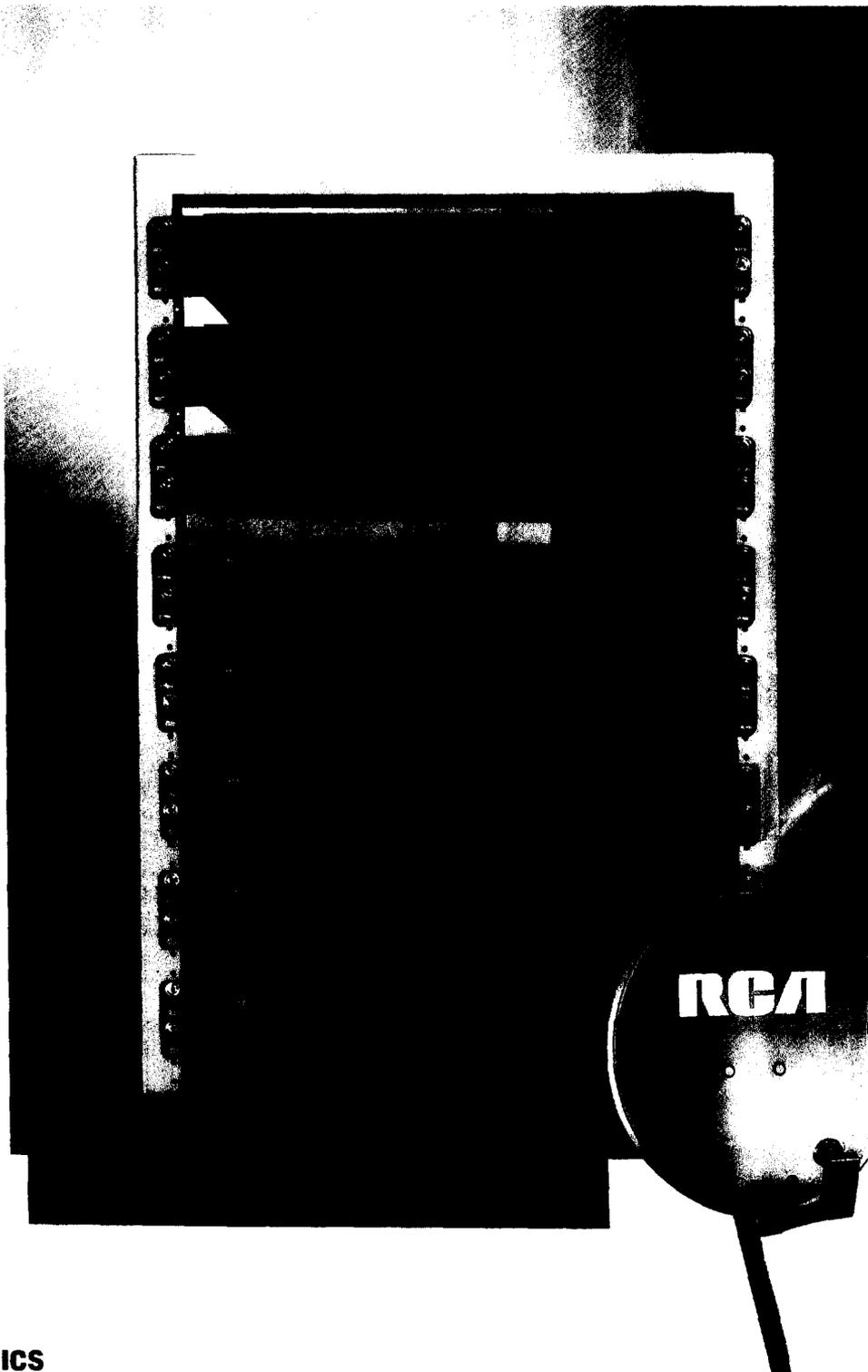
**Unique
Entertainment
Packages From**



U.S. Satellite Broadcasting



DIRECTV



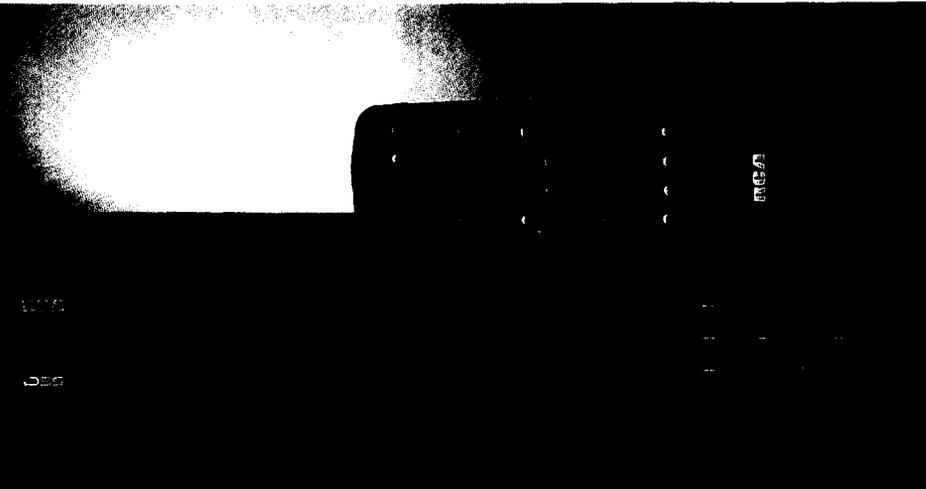
THOMSON CONSUMER ELECTRONICS

First In Commercial Digital Television Entertainment.

Digital Satellite Receiver

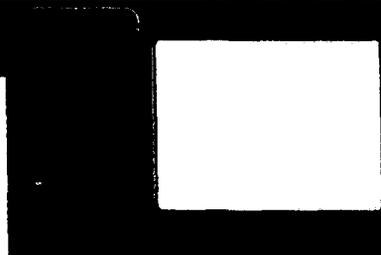
DCD302RA

*Engineered for
Commercial Use*



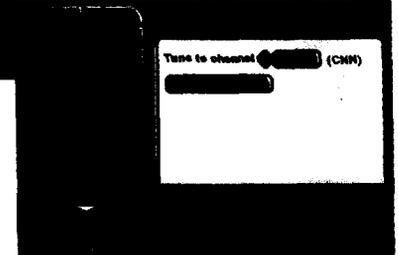
POWER LOCKOUT

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



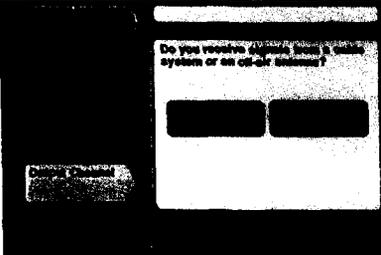
CHANNEL HOLD

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



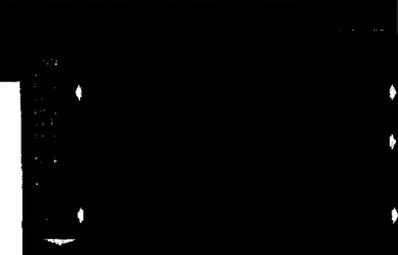
BUILT-IN AGILE MODULATOR

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

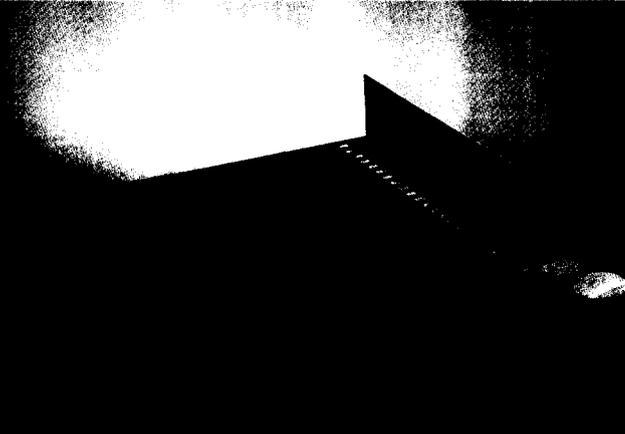
Allows DSS® signal to be output to multiple receivers.

- 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	LNB Input Frequency	12.2-12.7 GHz	LNB Output Frequency	950-1450 MHz
Frequency Modulator Channels	Agile 470-806 MHz UHF 14-69, Cable 65-95, 99-125	LNB Output	Twin F-Type	LNB Output Frequency	950-1450 MHz	LNB Output	Twin F-Type
Direct IR Input	3.5mm Mini Jack	LNB Polarity	Dual	LNB Output	Twin F-Type	LNB Polarity	Dual
Remote Control	CRK91	LNB Feed	Circular	LNB Polarity	Dual	LNB Feed	Circular
Type	Infrared, 30-Button	Dimension	24"W Parabolic	LNB Feed	Circular	Dimension	24"W Parabolic
Universal Operation	Most TV Brands	Construction	Galvanized Steel	Dimension	24"W Parabolic	Construction	Galvanized Steel
Batteries	AAA(4)	Finish	Light Satellite Gray	Construction	Galvanized Steel	Finish	Light Satellite Gray
Power Requirements	120VAC	Shipping Weight	25.4 Lbs.	Finish	Light Satellite Gray	Shipping Weight	25.4 Lbs.
Power Consumption	24W	UPC Code	034909670590	Shipping Weight	25.4 Lbs.	UPC Code	034909670590
AV Connections	Rear Panel			UPC Code	034909670590		
Satellite In	F-Type (950-1450MHz)	IRD002K		RACK MOUNT KIT			
In From Antenna	F-Type	Installation	Mounts In Standard 19" Rack	Installation	Mounts In Standard 19" Rack	Orientation	Front Or Back
Out To TV	F-Type	Orientation	Secured Or Accessible	Orientation	Front Or Back	Access Card Door	Secured Or Accessible
S-Video	4-Pin DIN	Access Card Door		Access Card Door		Dimensions	19"W x 2-5/8"H x 14-1/8"D
Video	RCA-Type (2)	Dimensions	19"W x 2-5/8"H x 14-1/8"D	Dimensions	19"W x 2-5/8"H x 14-1/8"D	Construction	Metal
R/L Audio	RCA-Type (2 Pair)	Construction	Metal	Construction	Metal	Finish	Satin Black Epoxy
Wideband Data Port	15-Pin D-Type	Finish	Satin Black Epoxy	Finish	Satin Black Epoxy	Shipping Weight	6.3 Lbs.
Phone Jack	Modular RJ 11	Shipping Weight	6.3 Lbs.	Shipping Weight	6.3 Lbs.	UPC Code	034909651247
Dimensions	15-1/2"W x 2-1/2"H x 14-1/4"D	UPC Code	034909651247	UPC Code	034909651247		
Finish	Ebony Texture						
Shipping Weight	8.6 Lbs.						
UPC Code	034909670477						



*Additional equipment may be required.
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