

# satelliteTVweek **SATELLITE**

ENTER ACTUATOR NUMBERS →

	SPACENET 2 69 W [S2]	SATCOM 2R 72 W [F2]	GALAXY 2 74 W [G2]	SATCOM 4 82 W [F4]	TELSTAR 302 85 W [T2]	SPACENET 3 87 W [S3]	GALAXY 3 93.5 W [G3]	TELSTAR 301 96 W [T1]	WESTAR 4 99 W [W4]	ANIK D1 104.5 W [AD1]
1			sports feeds	Home Shop Club	news, feeds					
2		WBBM-CBS+ Chicago	StarDust Theatre*	Sports Channel-Plus CTNA* (n/a)			sports feeds	CBS programs (West)* (6.2-6.8) ST (n/a)		TSN Sports Network* (n/a U.S.)
3						WSBK Ind+ Boston	sports feeds	recurring & sports feeds		Independent & CBC feeds
4		WABC-ABC+ New York	First Run PPV+*	Guest Cinema 1* (n/a)				ABC feeds		Global TV sports feeds
5	Channel America		First Run Promos VA Tech	America's Value Network		KTVF-Dallas/ Ft. Worth *	Cable Video Store* (n/a)	CBS feeds, pro sports		CBC Sports hockey
6				MSG Network TelShop				ABC news feeds	NCN Shepherd's Chapel	MuchMusic (6.67/5.41-6.2 WD) ST
7		ESPN feed		Rainbow PPV* (n/a)			ACTS	CBS programs (East)* (6.2-6.8) ST (n/a)		CBC feeds, sports Newfoundland
8				PreVue Guide			Home Shopping Club			CHCH Hamilton* (n/a U.S.)
9			StarDust PPV+ basketball	SportsVision Chicago	news feeds	WPXI-N.Y.*	Cable Value Network	World (5.8-6.2) ST	ESPN news, sports feeds	WDIV-HBC* (n/a U.S.)
10	Shipboard Sat Net		Tuxedo* StarDust promos	SportsChannel America	ABC Network West (6.2-6.8 wd) ST		EWTN	ABC Network East (6.2-6.8 wd) ST	CNN feed	WYZZ-ABC* (n/a U.S.)
11	SelectTV*		NHK TV Feed (Japanese)	Hit Video-USA	ABC Network	hockey, basketball	Mind Extension University	ESPN, ABC feeds college basketball	ITN	CBC North (Pac.)
12		WQIA-NBC+ Atlanta		Sports Channel-NY*				ABC Network East (6.2-6.8 wd) ST		
13		NASA feeds	CNN feed, sports feeds	New England Sports Network	occasional feeds		Weather Channel*	SNS recurring feeds		news sports feeds
14			college & pro sports feed	SportsChannel FL Keystone Insp.	ATV occasional feeds		C-SPAN II U.S. Senate		ESPN feed	TCTV-Montreal* (n/a U.S.)
15			college & pro feeds	Shop at Home	CBS news feeds (6.2-6.8) ST	KTLA Ind+ Los Angeles	Video Hits 1 *	CBS news & sports feeds	PBS-A*	CBC-French
16			college & pro sports feeds	NJT	CBS Network (West) (6.2) (6.2-6.8) ST		Home Premiere TV* (n/a)	ESPN feeds, college basketball	CNN feeds	(CBC) House of Commons French
17			sports feeds	Z Channel* (n/a)	CBS programs (East)		MTV* (East)	college & pro sports feeds	PBS-B	Vancouver/London CBC feeds
18			sports feeds	Guest Cinema 2* (n/a)	CBS news, sports feed (6.2-6.8) ST		MTV* (West)	college & pro sports feeds	HBC-Telemundo news, sports feeds	CITY Edmonton* (n/a U.S.)
19					CBS news feeds	basketball	Nickelodeon* (East)	news feeds college & pro sports	college sports, Oklahoma S.U.	CBC North (Atl.)
20			pro sports feeds	Prime Ticket Sports*	CBS Network (East) (6.2) (6.2-6.8) ST		Lifetime* (East)	recurring feeds	London BBC ESPN, news feeds	CBMT Montreal
21		JISC Feed (Japanese)	hockey	The Nostalgia Channel	occasional feeds	Pro Am Sports Detroit	Viewer's Choice 1*	recurring news & sports feeds	PBS-C*	WTVS-PBS* (n/a U.S.)
22		Armed Forces Sat. Net. (AFRTS)	hockey	Home Team Sports*	CBS news, sports feeds		Nickelodeon* (West)	sports feeds		CHAN Vancouver* (n/a U.S.)
23			sports feeds	SC-NE, Silent Net.		college & pro sports feed	Family Net (5.58-5.76 nd)	World, ESPN	PBS-D L.D.S.; sports	WJBC-CBS* (n/a U.S.)
24			sports feeds	Playboy Channel*			C-SPAN I U.S. House		ESPN feeds	(CBC) House of Commons English

TRANSPONDERS

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TRANSPONDERS

# Ku-band Channel Choice

## The Ku-band Spectrum

Major manufacturers now are debuting receivers and appropriate hardware to make the Ku-band visible. Ask your dealer about them.

The channel designations on your receiver may not correspond to the channels indicated due to a lack of a standard format for Ku transmissions.

In the years to come, Ku-band will be an increasingly popular video transmission delivery system.

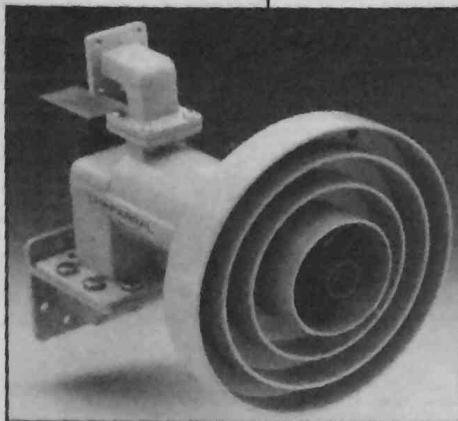
	K-2 81°W	K-1 85°W	SBS4 91°W	SBS3 95°W	GSTAR 1 103°W	ANIK C-3 117.5°W	
1				a/v			1
2			CONUS a/v	a/v		Musique Plus	2
3	NBC (East)	a/v					3
4		SportsChannel FL a/v				Atlantic Satellite Net.	4
5	NBC feed					a/v	5
6	CONUS News feeds			Hi-Net Comsat (enc.)		Super ECRAN/TVEC	6
7	NBC (Pacific)	HBO (West) (enc.)				a/v	7
8	Cycle Sat. a/v					Canal Famille (enc.)	8
9					Colorado State U.		9
10	Conus/ WA feed		Auto. Satellite TV Network	Hi-Net Comsat (enc.)		Radio Quebec	10
11	NBC Skypath (Central)	a/v			Colorado State U. a/v		11
12	FOX (East) CONUS feeds	a/v	a/v	Hi-Net Comsat (enc.) a/v	a/v	Quatre Saisons	12
13				News Feeds			13
14			ATN Net.	CONUS/ HUBCOM			14
15	NBC/Sky Com	Computerland; Chrysler Feeds		a/v		Knowledge Net 1	15
16	FOX (West) CONUS/HUBCOM	HBO (East) (enc.)		CONUS/ HUBCOM	a/v		16
17					NTU AMCEE	Alberta Access	17
18				Hi-Net. Comsat (enc.) BMAC		La Chaîne (French)	18
19	NBC/NY Skypath	DVN (enc.) a/v			CBS Newsfeeds		19
20	RCA East Wash. Univ.			ALI-ABA/ALN Army School (enc.)	PSN, NTU Net.	TV Ontario (English)	20
21					a/v	The Family Channel (enc.)	21
22		Texas Inst. (enc.) a/v				Home Shopper's Club (French)	22
23	NBC/NY Skypath				a/v	SuperChannel (W)	23
24	a/v	HBO/Cinemax (enc.) Promo			PBS-Telecom a/v	TV Ontario Legislature	24
25						Canada Home Shopper's Net	25
26					a/v	Rogers Cable	26
27	NBC/NY Skypath	HBO/Cinemax (enc.)			CNN Newsource	Knowledge Net 2 Rogers Cable	27
28	AT&T Skynet (enc.)	a/v			CLESN, IRN a/v		28
29						KDMO-TV ABC Seattle (enc.)	29
30					Sport Scene	First Choice (enc.)	30
31	NBC/Sky Com	a/v			Sport Scene GSTAR I.D.	KING-TV Seattle (enc.)	31
32	AT&T feed	a/v			a/v news, PLJ FCN DPSN	Canada Home Shopper's Club	32

NOTES: (enc.) = encrypted

Horizontal Polarity  Vertical Polarity

# Wavelengths

## Corotor II Feed



After more than three years of research and development, Chaparral Communications, Inc. has introduced the Corotor II, which offers all the outstanding performance characteristics of the Polarotor I along with the added capabilities of a dual-band, prime-focus feed.

The major advantage of the new design is its reduced cost which, in conjunction with new lower priced LNBS, will bring the benefits of dual-band reception into more American homes than ever before.

Other advantages of the new Corotor II include uncompromising C-band performance and its VSWR and cross-polarity isolation figures equal those of the original Polarotor I. The new casting is also smaller and lighter than any dual-band feed available and the precision die-cast construction, coupled with 100 percent factory testing, means that the Corotor II will offer consistent performance.

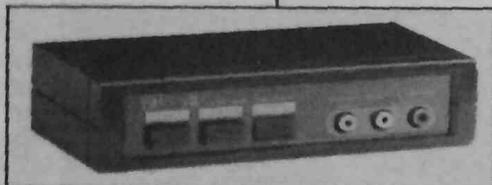
The throat diameter of the Corotor II is the same as that of any Polarotor I-A. This will simplify any upgrade installation because the installer does not have to remove the existing scalar ring from the dish.

A special "cast-in" f/D ratio gauge on the outside of the throat makes tailoring of the illumination pattern and rejection of terrestrial interference a simple and easy task. With the optional Corotor II Golden Ring, deep dishes with f/D ratios of .28 can be upgraded to high quality dual-band reception.

Chaparral's patented probe technology is incorporated into both the C and Ku-band waveguides in the new Corotor II. Its reduced size and factory-installed Ku-band elbow allows the Corotor II to fit under most weather covers, an advantage when the installation is subject to inclement weather.

For further information, contact Chaparral Communications, Inc., at 2450 North First Street, San Jose, CA 95131; (408) 435-1530. ■

## Audio/Video Control Center



Ambico has introduced two new switchers to simplify audio-video-TV hook-ups and sort out the mess of connecting cables. The Audio-Video (A/V) Control Center, model V-0780, allows automatic switching between any three stereo A/V sources. VCRs, home stereos and satellite receivers can be left permanently hooked up to the A/V Control Center. No disconnection/reconnection of cables is necessary once the A/V Control Center is installed. Just the push of a button is required to access any of the three sources instantly. The output connects easily to a VCR or monitor.

The A/V Control Center, model V-0785, allows automatic switching between any two cable/antenna sources and one composite A/V source. A VCR, cable line, antenna lead or a satellite receiver can be permanently connected to the two RF-type inputs. A video game console or computer can be hooked up to the composite A/V input. Push-buttons allow instant switching between all three sources. An RF-type output allows for easy connection of the TV Control Center to any TV or VCR.

For further information, contact Ambico, at 50 Maple St., Norwood, N.J. 07648; (201) 767-4100. ■

## Uniden UST 2020



Uniden Corporation of America has introduced the UST 2020; Uniden's third satellite receiver to feature the built-in VideoCipher II descrambler.

In addition, this sophisticated model packs such features as: combination IR/UHF remote, on-screen graphics for all functions, an all-in-one construction, 100 memory channels, menu access to all satellites and a built-in C/Ku or V/H switch.

Perhaps the most advanced features of the UST 2020 include Touch Tone D-Code compatibility. This allows for the addition of the latest in descrambling technology. Also, the UST 2020 is HDTV compatible. The UST 2020 is the first in a series of new state-of-the-art satellite receivers to come from Uniden.

For further information, contact Uniden Corporation of America, at 4700 Amon Carter Blvd., Ft. Worth, TX 76155; (817) 858-3300. ■



TOSHIBA

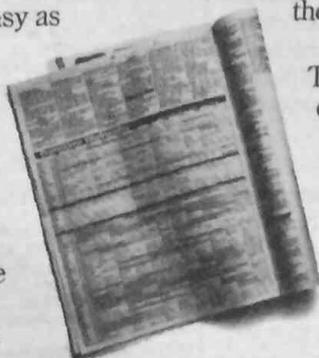
VIDEO CIPHER II  
SATELLITE RECEIVER MODEL

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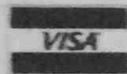
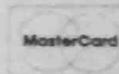
- ▶ \$164.00 per month for VCII & 9 Basics
- ▶ \$169.00 per month for VCII & HBO-Cinemax
- ▶ \$199.00 per month for VCII, HBO-Cinemax & 9 Basics

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HBO FLEXPAK™	13			✓			HBO SHOWTIME
SHOWTIME EXTRAVIEW™	8				✓		SHOWTIME

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Netlink provides service on behalf of affiliated cable operators under current contract with all represented programmers. Network services are available only to homes which cannot receive local affiliate broadcasts off-air or via cable. Price and available services may vary in some areas.

\*All premium services not available in all areas.

Programming package information is based on a 1-30-89 telephone survey and is presented for comparison purposes only.

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Introducing SuperPak from HBO Satellite Services, Inc. Take a look at all that's offered—add it up and compare. That's 22 exciting channels to satisfy everyone's interests. Best of all don't miss the HBO Guarantee\*, which provides you with a guarantee of uninterrupted service.

If that's not enough choice,

you can also order additional channels à la carte. There's the Netlink Denver 5 Stations, KUSA-ABC, KCNC-NBC, KMGH-CBS, KRMA-PBS and KWGN; SuperStations WGN-Chicago, WWOR-New York, WSBK-Boston; The Disney Channel; and Satellite Sports Network for non-stop action.

And one more thing. You can choose the way to pay—either monthly or yearly. It's up to you.

Call today and you'll discover a package that was really put together with expert help. 1-800-HBO-DISH (1-800-426-3474) 8 am-11 pm ET—Monday-Saturday.



\*Included in the HBO Guarantee: If any of the currently unscrambled channels in SuperPak scramble during the life of your SuperPak subscription, you'll continue to receive them free of charge for the duration of your existing SuperPak subscription. (Cost of additional equipment not included if necessary.) ©1990 Home Box Office, Inc. All Rights Reserved. HBO and Cinemax are registered service marks of Home Box Office, Inc. Some restrictions may apply.

# The Big Picture

An Opinion

James Scott

## Who's Afraid of Sky Cable?

There's never a dull moment in the satellite TV world. As Gilda Radner would say, "It's always something." The latest somethings, of course, are the proposed Ku-band direct broadcast satellite (DBS) services announced by two different groups.

First, General American Communications and nine cable operators led by Tele-Communications, Inc., known as K-Prime Partners, announced their intentions in early February to start a 10-channel pay-per-view (PPV) and superstation service on GEAs K-1 Ku-band satellite.

Then two weeks later NBC, Rupert Murdoch's The News Corporation Ltd., Cablevision Systems Corp. and Hughes Communications Inc. said they had agreed to launch a new Ku-band bird.

Scheduled to go into service during 1993, the \$1 billion "Sky Cable" venture dwarfs the \$100 million K-1 effort. Not only will it offer up to 108 channels, but it also will be the highest-powered general communications satellite. Its 200-watt beams will feature not-yet-perfected signal compression technology that will permit four video channels

*Don't let the latest media feeding frenzy bother you. Your present equipment will be just fine for years to come. In fact, if you've recently upgraded to a C/Ku-band setup, you'll be okay for the rest of the century, if not beyond.*

per transponder.

Among Sky Cable's proposed features will be the capability to broadcast high-definition television (HDTV) and standard video signals, to carry digital quality audio, and to be received on a 12 by 18-inch flat dish that will cost about \$300.

The K-Prime Partners are expected to begin test broadcasts in late summer, and will use an existing satellite and TVRO equipment though at this writing it hadn't been decided if the VideoCipher decoder or another one would be used.

As usually is the case with such "momentous" announcements in the TV world, the nation's media have been having a field day. People who don't have home dishes—and that includes almost the entire non-satellite TV press corps, from reporters to editors to publishers—are treating these two announcements as if they're big news. They aren't. DBS has been tried before, and eight outfits, including Sky Cable, have FCC DBS licenses.

Anyone who's followed the development of satellite TV knows that DBS ultimately will be a reality in the U.S. Europe already has DBS, although the number of channels is very limited. Europe's problem is that it missed C-band, so it has the newest technology but stone age program availability.

So, does this inevitability of Ku-band DBS mean your backyard dish will be obsolete? No. It will be at least three to four years before the proposed DBS technology has been perfected, especially channel compression. And HDTV is at least that far away. Digital audio already is available via satellite.

What's more, most existing home dish equipment is backwards compatible as well as forwards compatible. That means anyone with a C/Ku-compatible dish, dual-band feedhorn, dish actuator and IRD is ready right now for DBS reception, and will be ready for K-Prime Partners as well as for Sky Cable.

While a napkin-size dish sounds great, Sky Cable will be only one satellite out of many. As anyone who's tasted the wondrous variety available on satellite TV knows, it won't be long before Sky Cable customers will be looking for a dish actuator, then for a larger dish to pull in C and other Ku satellites.

So don't let the latest media feeding frenzy bother you. Your present equipment will be just fine for years to come. In fact, if you've recently upgraded to a C/Ku-band setup, you'll be okay for the rest of the century, if not beyond. If you have been thinking about upgrading, go right ahead. When K-Prime Partners and Sky Cable, not to mention the other DBS ventures, become a reality, you'll be ready to get them all, not just the one a cheap napkin-size stationary dish will pick up.

# TV Viewers Challenge Nielsen Findings

It may be true that there are three kinds of lies as the unknown pundit once said: lies, damn lies and statistics. But it is still fun to contemplate the statistical measurements of audiences for television shows.

For instance, a recent national survey by an organization of TV viewers seeking higher quality fare produced results sharply at variance from the A.C. Nielsen Co. ratings, whose power determines much in TV, from what shows stay on the air to how much networks can charge advertisers for commercials.

"Our intention is not to replace Nielsen, but to supplement it—and offer the networks another source of information about what viewers are watching and why," asserts Dorothy Swanson, director of Viewers for Quality Television, Inc.

In a mail survey, the Virginia-based group recently polled its 3,500 members on their viewing habits for the period Jan. 22 through Feb. 4, and also for the first time accepted responses from non-member viewers in 16 states.

How different were the results from the entrenched Niensens? Both member and non-member survey respondents ranked the CBS Monday night series "Murphy Brown" and "Designing Women" in first and second place, respectively, on their most-watched list. Yet the latest Nielsen weeklies, for the period Feb. 19-25, put those shows only in a tie for 31st place.

Further, while the Niensens once again

put NBC's "The Cosby Show" in first place, that series' best ranking in the VQT survey was a 20th place among non-members, and the show did not even make the Top 25 of VQT members.

Yet there was some agreement, too. Although the placings varied somewhat, four shows were in the Top 10 rankings for Nielsen and both VQT survey groups: "L.A. Law," "Roseanne," "The Wonder Years," and "Cheers." In addition, "The Golden Girls," No. 5 in the Nielsen, made the No. 9 slot of VQT members and was No. 12 among non-members.

What else did survey participants watch? Here are the full Top 10 rankings of the VQT members, in descending order: "Murphy Brown," "Designing Women," "Roseanne," "L.A. Law," "Beauty and the Beast" (now canceled), "Newhart," "Cheers," "The Wonder Years," "The Golden Girls" and "In the Heat of the Night."

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## King May Do 'Really Big Shew'

NBC Entertainment and talk show king Larry King are talking about a possible pilot for an Ed Sullivan-type Sunday evening variety hour. According to King, he would host the live program weekly from the stage of a New York theater, featuring "sewn-ers" in the audience and new acts, sort of a Sullivan for the '90s.

NBC Entertainment also said that its proposed deal with King involves a pilot for a "Person to Person"-like program, which could get a tryout next fall. "Person to Person" was a breakthrough interview show conducted by the late Edward R. Murrow for CBS News from 1953 until 1961.

King said his understanding was that a variety hour pilot could air on the network as early as May.

## Dish Owners Fight NFL

The United Sports Fans of America (USFA) is a new grass roots organization that opposes the National Football League's (NFL) legal efforts to bar sports bars, restaurants and similar commercial establishments from televising games available only by satellite dish.

The NFL's suit against three south Florida sports bars cites the Federal Communications Act of 1934 and the Copyright Act of 1976 in its attempt to prevent all commercial satellite dish owners from receiving and televising all NFL except those available through local network affiliates.

The USFA was formed by some of the defendant bar owners and sports fans to "balance the scales of power in American sports by uniting the fans," says USFA's Commissioner Marc Forlenza. The USFA's main goal is to establish a legal precedent and mobilize sports fans in a way that would discourage other sports leagues from limiting public access to non-local broadcasts of sports.

The USFA may be contacted at 1-800-359-0456 or at 5915 Ponce de Leon Blvd., Suite 60, Coral Gables, Fla. 33146.

## QVC Replaces CVN

Attention, home shoppers! The Cable Value Network (CVN, G3/09) will be discontinued at 12 noon on March 30. It will be replaced by the QVC Network shopping program, which will be switched to CVN's old spot on G3/09.

After March 30, QVC will no longer be transmitted via F3/01 and F3/08 transponders. At the same time, the JC Penney Shopping channel will move from F3/05 to F3/08, the result of a joint agreement with QVC.

These changes are a result of QVC's acquisition of CVN on Oct. 31, 1989.

## Fox Keeps Emmys

To the dismay of some at the big networks—who view the annual Emmy Awards as a major showcase for the networks—Fox Broadcasting has opted to telecast the Emmys for another three years, through 1992. Fox, with only 25-plus affiliates, does not draw anything like the audience for the Emmys that the big boys, with 200-plus affiliates each, used to attract under the old rotating network system.

As part of the deal, which called for a large increase in the annual fee to the Academy of Television Arts & Sciences for the Emmys, the annual "Television Academy Hall of Fame," which has been seen on Fox for the past three years, will shift to another affiliation, to be announced.

## Bye-Bye, Garry

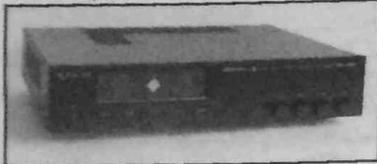
"It's Garry Shandling's Show," which has been a consistent last-place finisher in the weekly network ratings race for Fox—which also airs on Showtime—will end production this spring.

## Wavelengths

### Fosgate Surround Sound Processor

The Fosgate Audionics product group has announced a new series of surround sound processors which incorporate an advanced concept in logic steering control circuitry: Digital Servo Logic (DSL).

Unlike other adaptive matrix logic steering circuitry, whether digital or analogue, DSL incorporates a servo feedback system (patent applied for) which allows ultra high-speed operation of the logic steering circuit. DSL operating speed is a factor of 10 faster than the average operating speed of prior steering circuitry designs. The proprietary servo control system eliminates audible intermodulation



products. DSL also enables extraction of spatial and directional information from conven-

tional non-surround encoded recordings with a higher degree of accuracy than possible with previous designs. The speed, sensing, and localization capabilities of DSL provide a high-definition sound field free of audible artifacts and directly comparable to discrete multi-track sources in perceived performance. DSL also has the ability to emulate other fixed coefficient technologies including Dolby ProLogic.

A total of eight operational settings are selectable including one for enhancement of monophonic recordings as well as modes for music listening which restage regular program sources in a manner similar to that experienced with high-quality headphone listening but without the exaggerated left-right separation and without the loss of center-stage depth.

For further information, contact Fosgate Audionics, P.O. Box 70, Heber City, Utah 84032; 801-654-4046. ■

### Drake IRD Plus

R.L. Drake's newest satellite receiver, Model ESR1424, incorporates a full-function UHF remote and the ease of on-screen color graphics that make programming easy. In addition, the ESR1424 includes the VideoCipher II Plus descrambler.



The ESR1424 is actually the "flagship" model in a "fleet" of three new integrated receiver decoders (IRDs) by Drake. Dubbed the "Series II Plus," all three units offer the new VideoCipher II Plus descrambler and full on-screen programmability.

The top-of-the-line model incorporates a built-in actuator control system with pulse interface for moving the antenna to any of 50 satellite positions with just the push of a button. Operation on either C- or Ku-band is automatic. Other features include a built-in VCR timer, 100 favorite video and 100 favorite audio presets and a built-in TI filter.

For further information, contact R.L. Drake Company, P.O. Box 112, Miamisburg, Ohio 45342; 513-866-2421. ■

### Serious Listeners

The Serious Listeners Company has introduced their new Serious Listeners listening enhancement tool—a passive hearing aid designed for people with normal and even excellent hearing. The new listening enhancement tool allows the user to fine tune his ears with the use of an adjustable sound-gathering scoop which is worn on the ears. The benefits derived include increased focus on a sound source and an ability to gather more sonic information. For anyone who has cupped their hand behind their ear in order to focus their aural attention on a sound source, the concept behind the Serious Listeners will be understood.



For further information, contact Serious Listeners, P.O. Box 565, Burlingame, Calif. 94011; 415-347-3977. ■

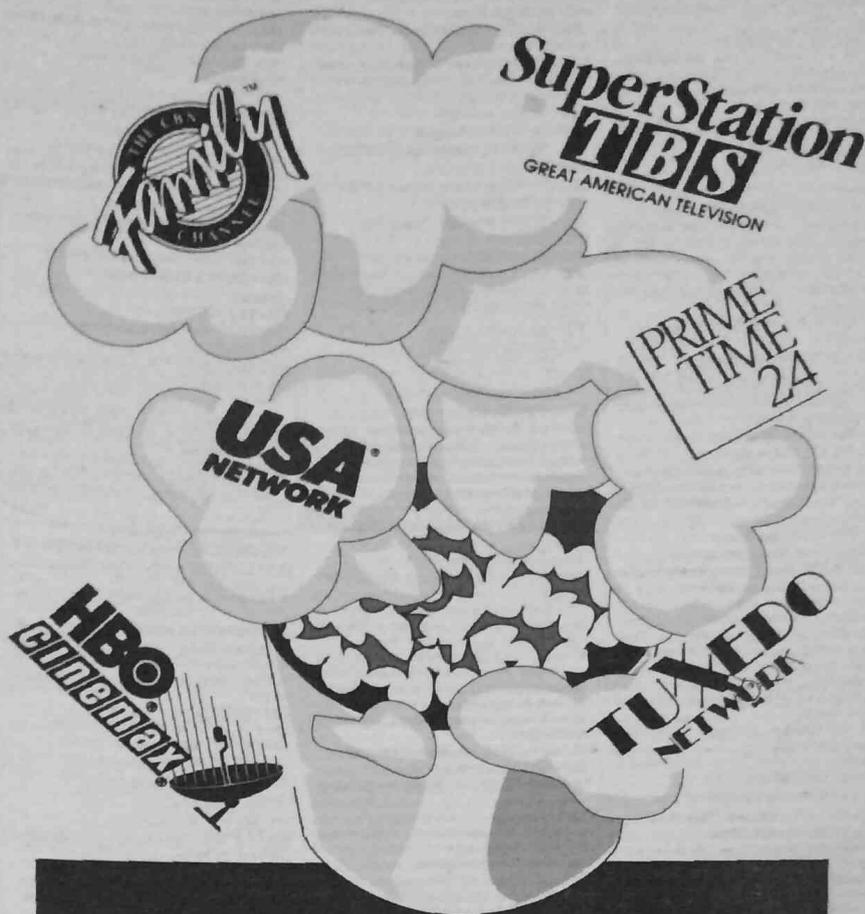




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	S2 SPACENET 2 99°W	F2 SATCOM 2R 72°W	G2 GALAXY 2 74°W	F4 SATCOM 4 82°W	T2 TELSTAR 302 85°W	S3 SPACENET 3 87°W	G3 GALAXY 3 93.5°W	T1 TELSTAR 301 96°W	W4 WESTAR 4 99°W	AD ANIK D1 104.5°W	A2 ANIK D2 110.5°W	M1 MORELOS 1 113.5°W	S1 SPACENET 120°W
1	Drive-In PPV (Videopal)		CNN Headline News feed	NJT				college sports & recurring feeds					EENET, college & pro sports feeds
2	Nebraska Public (6.12/6.3)ON	WBBM-CBS Chicago	StarDust Theatre	Sports News Network			ESPN alternate MSG II	CBS programs (West)		TSN sports Network		XHIMT Mexico City (6.2)	
3	Rendezvous PPV (Videopal)			Sports Channel Philadelphia		WSBK Ind Boston		sports & recurring feeds (5.8-6.2)(8.8)		Independent & CBC feeds			college & pro sports feeds
4		WABC-ABC New York	Tuxedo	Guest Cinema 1		KBL- Pittsburgh sports feed		ABC feed		Global TV (58/6.2) ST sports feeds			Univision feed
5	Channel America		CNN feed (6.2)			KTVF-Dallas Fl. Worth	Cable Video Store PPV (Videopal)	college, pro sports & recurring feeds		CBC sports feed			
6				MSG Network		sports feeds		ABC news feeds	NCN Shepherd's Chapel	MuchMusic (6.67) (5.41-6.2 wd) ST			
7	Telemundo feed (Spanish)	All News Channel		SportsChannel- NY	CBS feed		ACTS	CBS programs (East) o/c		sports & CBC feeds Newfoundland	CBC, CTV TSN feeds		college & pro sports feeds
8				PreVue Guide			Home Shopping Club			CHCH Hamilton		XHDF Mexico City (6.2)	
9	Telemundo (Spanish)			SportsChannel Chicago, AVN	news feeds	WPIX-N.Y.	Cable Value Network	recurring feeds (nd 5.94-6.12)(6.8)	Keystone Inspirational	WDIV-NBC			
10				SportsChannel Plus	ABC Network West (6.2-6.8 wd) st		EWTN	ABC Network (East) (6.2-6.8 wd) st	college, pro sports & recurring feeds	WXYZ-ABC		XHGC Mexico City (6.2)	
11		Home Shop Spree	NHK TV & sports feeds	SportsChannel America	ABC Network feed	PSN sports feed	Mind Extension University	ABC feed	hockey	CBC North Pacific	The Weather Now (7.8 nd) (English & French)		Hospital Satellite Network
12		WXIA-NBC Atlanta		Rainbow PPV			Showtime promos	ABC Network East (6.2- 6.8 wd) st			CTV feed	sports feeds	
13		NASA feeds	hockey feeds	New England Sports Network	occasional feeds		Weather Channel	SNS recurring feeds	pro sports feeds	news, sports feeds	sports feeds		
14			college & pro sports feeds	SportsChannel FL	ATT occasional feeds	college & pro sports feeds	C-SPAN II U.S. Senate	college & pro sports feeds	college & pro sports feeds	TCTV Montreal		XEW Mexico City (6.2)	
15			CNN feeds WA, D.C.	Shop at Home Silent Net.	CBS news feed (6.2-6.8) st	college & pro sports feeds	KTLA Ind Los Angeles (6.2 Spanish)	Video Hits 1	CBS news feed	PBS-A	CBC- French	Musique Plus Vision/TV (5.58-5.94 ND)	
16			college & pro sports feeds	SportsChannel Ohio	CBS Network (West)	college & pro sports feeds	Viewer's Choice 2	college & pro sports feeds	college sports feeds	(CBC) House of Commons (French)	CTV		
17	ESPN feeds			SportsChannel Los Angeles	news feeds		MTV (East)	college & pro sports feeds	PBS-B	Visnews/ London CBC feeds	TV5 Quebec (French)		
18				Guest Cinema 2	news feeds	hockey	MTV (West)	college & pro sports feeds	news sports feeds	CITV Edmonton	sports feeds		American Economy
19	SCOLA news				news feeds	Starion	Nichelodeon (East)	recurring feeds (5.94-6.12nd)(6.8)	Oklahoma S.U. & sports feed	CBC North (Atlantic)	pro sports feeds		
20		NBC sports feed		Prime Ticket Sports FNN	CBS Network (East)	college & pro sports feeds	Lifetime sports feeds	college, pro sports (East)	recurring feeds	CBC recurring feeds	Canadian Home Shopping Club		
21	USIA	JISO feed		The Nostalgia Channel	occasional feeds	PASS	Viewer's Choice 1	college & pro sports feeds	PBS-C	WTYS-PBS			87W Sat. Market USA
22		AFRTS	hockey feeds		news, sports feeds		Nichelodeon (West)	recurring feeds		CHAN Vancouver	First Choice		
23			college & pro sports feed	SportsChannel New England		Home Team Sports	Family Net (5.58-5.76 nd)		PBS-D L.D.S.; sports	WJBK-CBS	CBC News World		
24				Playboy At Night			C-SPAN I U.S. House	college & pro sports feeds	pro sports feeds	(CBC) House of Commons (English)	CTV		





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