

Universal Satellite Multimedia Platform for Europe via Express AM44 at 11° West

About Express-AM44 Multimedia Platform Key Benefits

Newly launched Express AM44 satellite is designed to provide video and data services from 11° West through its high power Ku-band payload covering the largest part of Europe and a part of North Africa.

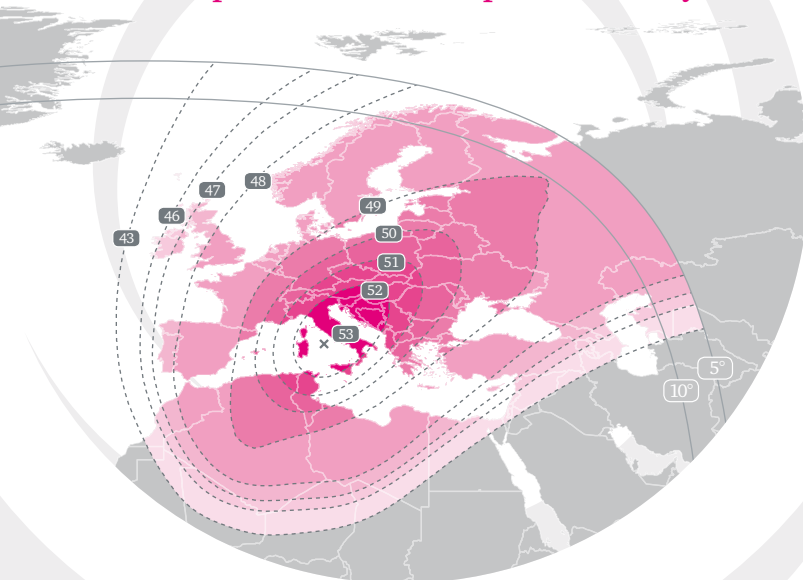
Through this exceptional capacity Romantis in collaboration with its partners -Videopiù-Link group is deploying an interactive satellite multimedia platform with a wide coverage over the most part of Europe. Optimized for broadband communications, the Express-AM44 Multimedia Platform supports a variety of applications, including SD, HD and 3D HD distribution, radiobroadcasting as well as broadband IP services.

The Platform is based on the bandwidth-efficient DVB-S2 standard with a centralized uplink station that is accessible from any European country via terrestrial IP infrastructure. DVB-S2 package may deliver TV programs in MPEG-2 and MPEG-4 standards, radio channels and broadband IP.

The customer may access the platform on a wide territory of Europe with a different type of remote terminals featuring antennas of just 60–90 cm. Easy to install, these small size terminals will be affordable for governmental, commercial and private customers. It could be either a simple one-way receiver for TV/radio reception and unidirectional Internet or a bidirectional terminal for interactive TV and Internet access.

- Newest satellite for Europe with powerful transponders
- DTH-class power with FSS frequencies
- Designed both for DTV and VSAT
- Additional beam pointed to the Middle East allows expanding networks to new regions with the same satellite

Express AM44 Footprint and Key Parameters



Date of launch:	February, 2009
Lifetime:	> 10 years
Type of transponders:	FSS, Ku-, C-, L-Band
Transponders:	16 × 54 MHz
Polarization:	Linear
Downlink Frequency:	12.50—12.75 GHz
Edge of Coverage e.i.r.p.:	> 48 dBW
Uplink Frequency:	14.00—14.25 GHz
Edge of Coverage G/T:	> -2.0 dB/K
SFD Range:	-97... -77 dBW/m ²

Standard Tariffs for DVB-S2 Bandwidth

Monthly charge in Euro, including: Satellite Capacity, Uplink and Internet Port

		Contract term, years			
		1	2	3	5
Shared bandwidth, Mbps	1	2 510	2 460	2 410	2 310
	2	4 980	4 880	4 780	4 580
	3	7 420	7 270	7 120	6 830
	4	9 820	9 630	9 430	9 040
	5	12 190	11 950	11 710	11 220
	6	14 530	14 240	13 950	13 360
	7	16 820	16 490	16 150	15 480
	8	19 090	18 710	18 320	17 560

About Romantis Multimedia Platform

Romantis Multimedia Platform provides global, comprehensive, content distribution services. Romantis operates two wide-coverage DVB-S2 platforms based on Express AM44 (11° West) and Intelsat-15 (85,15° East) satellites that ensure wide and seamless coverage over the big part of Eurasian market.

The platforms provide broadcasters with content transmission in SD, HD and 3D-HD format to cable networks within the coverage, as well as with rapidly deployable connectivity for live transmissions from anywhere to studio based on Occasional Use capacities of Romantis.

About Romantis

Romantis specializes in providing C-Band and Ku-Band satellite transmission services and operates over 10 transponders on 6 satellites serving European, African, the Middle East and Asian markets. Featuring the most advanced satellite technology for audio, video and data transmission services, Romantis brings together solid experience, impressive facilities and all the creativity needed for today's rapidly changing technology and marketplace.

About Videopiù-Link

The Videopiù-Link group is the Italian market leader for permanent and occasional contribution services (Fixed uplinks, DTH Mux, Fly-aways, Broadcast and Data SNGs), Production Events (OB Vans), distribution services (more than 30 channels on the Hortbird Mux), Data Networks (VSAT).

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