



## HP702A Satellite Audio Decoder

---

HP702A Satellite Audio Decoder complying with DRA/AC3/AAC/MPEG standards. It supports 1\*RF (DVB-S/S2,DVB-T/T2, DVB-C ) inputs, 1\*IP inputs, 1 ASI input, 4 channels audio decoding outputs on both AES/EBU and analog stereos. It is widely used in audio network broadcasting station.

### Key Features

- Support RF/IP/ASI input
- Support AES/EBU/analog stereo/ASI/IP
- Support DRA/AC3/EAC3/AAC/MPEG audio decoding
- Support AVS+/H.265/H.264/MPEG2 video decoding
- 2 independent CAM card can decrypt two programs
- Resolution can be automatically identified or manually set
- Friendly user interface to facilitate the operation of the menu system and all operations can be completed on the LCD
- B/S based web management
- Support signal input strength and SNR dynamic monitoring and support signal lock-lose alarm

### Application category

- DTV head-end equipment
- Receive DVB-S and DVB- C DTV signals
- Support VOD in IPTV system
- Broadcast monitoring

### Specifications



RF input	DVB-S/S2 input	Input port	1*RF input, 1*RF loopout, 75Ω
		Input frequency	950~2150MHz
		Input level	-25~-65dBm
		Symbol rate	1~45Msps

		LNB power supply	13V, 18V, <b>off</b> , 22KHz	
		Constellation	QPSK, 8PSK	
	DVB-T/T2 input	Input port	1*RF input, 1*RF loopout, 75Ω	
		Input frequency	44~1002MHz	
		Input level	-20~-100dbm	
		Modulation mode	DVB-T: QPSK, 16/64 QAM DVB-T2: QPSK, 16/64/256 QAM	
		Bandwidth	6/7/8 MHz	
	DVB-C input	Input port	1*RF input, 1*RF loopout, 75Ω	
		Input frequency	48~862MHz	
		Input level	45~75dbuV	
Modulation mode		16/32/64/128/256QAM		
ASI input/output	Input/output interface	1*BNC input, 75Ω; 2*BNC output, 75Ω		
	Input/output bitrate	≤200Mb/s		
TS over IP	Interface	1*RJ-45, 10/100 Base-T		
	Effective rate	90Mb/s (100 Based-T)		
	Frame length	(1-7)x188 adjustable byte		
	IP protocol	UDP/RTP, Unicast, Multicast		
Audio decoding	Decoding format	MPEG-1 LayerI/II, MPEG-2 layer II, MPEG-2 AAC, MPEG-4 AAC LC, 2-CHANNEL/5.1 CHANNEL AC3/DRA/EAC3		
Analog audio output	Interface	2xXLR(CANNON)		
	Output audio format	Left, Right, Dual Mono, Stereo		
Digital audio output	Interface	2*AES/EBU(CANNON)		
Local and remote management	Interface	1*RJ-45, 10/100 Base-T		
	Remote management	HTTP Web		
	Local management	Front pannel button and LED		
Miscellaneous	Dimension (W×L×H)	450mm×280mm×44mm		
	Net Weight	3Kg		

	Power	AC 90V~250V, 50/60Hz
	Consumption	24W(Power supply without LBN)