



Technical Requirements for Receiving Cinemax HDTV (MPEG-2)

In order to ensure a timely and trouble-free launch of Cinemax HDTV (MPEG-2), please plan to use the specific Motorola IRD models that are capable of receiving the advanced transmission mode used on MaxHD. These models are set forth below.

If you have any questions or need additional information, please feel free to contact the HBO Hotline hotline@hbo.com, or by calling 212-512-5666, 8:00a.m.- 8:00 p.m. ET Monday-Friday.

I. Receiver/Decoder Requirements

Specific DigiCipher II Receiver/Decoders must be used to receive the MaxHD services; only one multi-decrypt model may be used:

- Multi-decrypt, ASI & DHEI Out: **DSR-4400MD (Phase II only)**
4400MD Phase II IRDs can be identified by confirming that the serial number on the IRD is greater than "0542033237000209", and has a firmware version of 12E. Motorola notes that the serial number by itself is not adequate to verify that the unit is Phase II hardware, and that the firmware version must also be confirmed (12E is not backward compatible to, nor can it be loaded on Phase I Units because of hardware changes). If you are planning to use the 4400MD Phase II to receive both the East and West feeds of MaxHD, you must only use the ASI output; using the DHEI output may result in unpredictable results due to the high bit rate of the combined feeds.
- Multi-decrypt, ASI & Gig-E out: **DSR-4410MD.**
- Single-decrypt, ASI out: **DSR-4520X** or **DSR-4410.**

Please note: DSR-4402X, IRT-2000, MPS or any other equipment not listed above will not be authorized to receive Cinemax HDTV.

II. Satellite & Transmission Data

Satellite:	Galaxy 13
Orbital Slot:	127° W.L.
Polarity:	Vertical
Transponder:	11
L-Band Freq.:	1230 MHz
Symbol Rate:	29.3 Msps
FEC:	7/8
Multiplex:	Combined
VCT:	730
Channel:	
Max HDTV East:	153
Max HDTV West:	164
MPEG Service ID:	
Max HDTV East:	53
Max HDTV West:	64