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ELFSA



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# **SELFSAT-H50M** Flat Satellite Antenna

# Multi Reception with DISEqC



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## **1. What is SELFSAT-H50M?**

- The World's 1<sup>st</sup> multi-reception flat satellite antenna
- Receiving two satellites at the same time

   (Astra1 & Hotbird / Astra4A & Thor / Astra3 & Astra1)
- Changing satellites automatically by DiSEqC
- Operating in full range of Ku band
- Output : Single / Twin / Quad
- Including brackets for installation







#### **2. Structure**

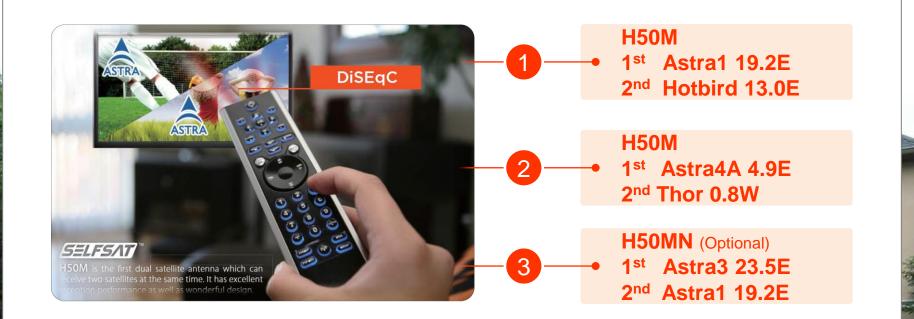




- H50M consists of two H30Ds
- Specially twisted angles for receiving two satellites
- Optimistic brackets for searching satellites

## **3. Multi-Reception List**





- Set-up the 1<sup>st</sup> satellite as standard (No need to set-up 2<sup>nd</sup> satellite separately.)
- Changing each satellite channels using DiSEqC
- Enabling multi-reception











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H50M Astra 4A - 4.9E Thor - 0.8W **H50MN** (Optional) Astra 3 - 23.5E Astra 1 - 19.2E

www.selfsat.com

### **5. Product Specification**



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7dBi @ 12.7GHz
Size(W×D×H)	527 × 520 ×112mm
Weight	8.5 kg
Current Consumption	150mA (max)
Target Satellite	ASTRA1 & HOTBIRD / ASTRA4A & THOR ASTRA3 & ASTRA1 (Optional)
Switching Satellite	DiSEqC
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1 / 2 / 4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
LNB Noise Figure at 25°C	0.2 dB Typical
Input VSWR	2.5 : 1 Typical
Output VSWR	2.5 : 1 Typical
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



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# Thank you

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