

# DBS3800 Rack Mount



DBS3800 is a cost effective work horse that will serve you for years to come. This rack mount receiver is made for continuous operation in any head end situation.

<b>LNB TUNER INPUT</b>	
<b>Connector</b>	
Connector IF Input	F type, Female
Connector Loop Thru	F type, Female
Impedance	75 Ohms
Input Frequency Range	950 to 2150 MHz
Input Signal Level	-25dBm to -65dBm
IF Frequency	Zero IF
LNB power and polarity	Vertical = 13 VDC (12.5 to 14.0 VDC) Horizontal = 18 VDC (18 to 19.5 VDC) Load = 300 mA Max.
Overload Protection	560 mA Max.
LNB Power OFF	1 VDC Max. / Load: 300 mA Max.
Power Standby	1 VDC Max. / Load: 300 mA Max.
<b>22 KHz Tone</b>	
Impedance	500 Ohms
Frequency	22 KHz $\pm$ 4 KHz
Amplitude	0.60 $\pm$ 0.20 Vp-p
Rise Time	10 us
Duty Cycle	50% (Load 120 mA)
<b>DiSEqC</b>	
DiSEqC	1.0 / 1.1 / 1.2
<b>VIDEO OUTPUT</b>	
<b>Connector</b>	
Connector	RCA jack (yellow)
Output Impedance	75 Ohm
Output Level	1.0 Vp-p (75 Ohms Load)
Video Polarity	Normal / Invert (C/Ku Band)
Frequency response	30 Hz to 5 MHz $\pm$ 2 dB

D/G	±5% (±10% Max.)
D/P	±5% (±10% Max.)
<b>AUDIO OUTPUT</b>	
<b>Connector</b>	
Connector	RCA Jack (L/R) Color: L=White R=Red
Output Impedance	600 Ohms
Output Level	2.5 Vp-p (2.5 ±0.5 Vp-p) 600 Ohms Load
Frequency Response	50 Hz to 15 KHz ±2 dB
Distortion	2% Max.
Volume Control	32 steps (1 KHz Sinewave, 75us)
<b>AC-3 COAXIAL OUTPUT</b>	
<b>Connector</b>	
Connector	RCA Jack, Color: Black
Impedance	75 Ohms
Output Level	2.5 Vp-p (2.5 ±0.5 Vp-p)
<b>VIDEO OUTPUT</b>	
<b>Connector</b>	
Connector	S-Connector
Impedance	75 Ohms
<b>Output Level</b>	
Y: Signal	1.0 Vp-p (10.0 ±0.2 Vp-p) including SYNC
C: Signal	<a href="#">100%@chroma</a>
<b>RS-232 LOW SPEED SERIAL DATA</b>	
<b>Connector</b>	
Connector	9-Pin D-sub
Signals	RS232, Max: 115.2K bps
<b>FRONT PANEL</b>	
Display	4*7 Segment LED
Buttons	Power ON/OFF, Channel UP, Channel DOWN
<b>GENERAL DATA</b>	
Supply Voltage	100VAC to 240VAC, 50 to 60 Hz
Power Consumption	20W Max.
Power Consumption in Standby	0
Working Temperature	+5°C to +40°C
Storage Temperature	-20°C to +65°C
Remote Control Operating Distance	8 meters Min.

Remote Control Angle	±25 Degrees Min.
<b>Environmental</b>	
Temperature	0°C to +40°C
Humidity	40 RH to 90 RH
<b>Mechanical Specification</b>	
Dimensions	483x130x44 mm
Weight	1.5 Kg Approx.

## **Traxis International**

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