

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.

LNB TUNER INPUT	
Connector	
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.
22 KHz Tone	
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)
DiSEqC	
DiSEqC	1.0 / 1.1 / 1.2
VIDEO OUTPUT	
Connector	
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.)
AUDIO OUTPUT	
Connector	
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)
AC-3 COAXIAL OUTPUT	
Connector	
Connector	RCA Jack, Color: Black
Impedance	75 Ohms
Output Level	2.5 Vp-p (2.5 ±0.5 Vp-p)
VIDEO OUTPUT	
Connector	
Connector	S-Connector
Impedance	75 Ohms
Output Level	
Y: Signal	1.0 Vp-p (10.0 ±0.2 Vp-p) including SYNC
C: Signal	100%@chroma
RS-232 LOW SPEED SERIAL DATA	
Connector	
Connector	9-Pin D-sub
Signals	RS232, Max: 115.2K bps
FRONT PANEL	
Display	4*7 Segment LED
Buttons	Power ON/OFF, Channel UP, Channel DOWN
GENERAL DATA	
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.
Environmental	
Temperature	0°C to +40°C
Humidity	40 RH to 90 RH
Mechanical Specification	
Dimensions	483x130x44 mm
Weight	1.5 Kg Approx.

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