

Preampifiers

SPARTAN 3 Mast Mounted Preampifiers

The industry standard preampifiers for over 20 years are now completely redesigned and updated. Performance is better than ever before and all the features you require are included. The industry standard 0064 DSB features a single 300 ohm VHF/UHF input and a single 75 ohm output. Variations are available for applications requiring separate VHF and UHF inputs and 75 ohm inputs.



- Surface-mounted components for automated production and consistent high performance.
- Attractive, modern design for both outdoor unit and power supply.
- Easiest installation in the industry.
- High gain and ultra low noise figure from the latest generation transistors gives optimum sensitivity.
- Separate VHF and UHF amplification plus the use of ultra linear transistors improve output capability for optimum signal handling.
- Switchable and tunable FM traps provide full FM control where needed.
- Uninterrupted operation even under the harshest environmental conditions.
- Full lighting and surge protection.
- Cool running, redesigned 117 VAC power supply, Model 0747 is included with each model except 0065 DSB and 0265 DSB. Output voltage is +18 VDC. UL and cUL listed. (Power supply is also available as a separate model.)

SPECIFICATIONS

	Model	0064DSB	3041DSB	0264DSB	0068DSB	0065DSB	0265DSB
	Inputs	1 (VHF/UHF)	1 (VHF UHF)	2 (VHF & UHF)	1 (VHF/UHF)	1 (VHF/UHF)	2 (VHF & UHF)
	Input Impedance	300 ohms			75 ohms	300 ohms	
	Output Impedance/ Downlead	75 ohms					
VHF	Gain	16 dB					
	Noise Figure	3.0 dB					
	Output Capability*	56 dBmV					
UHF	Gain	23 dB					
	Noise Figure	2.2 dB					
	Output Capability*	50 dBmV					
FM Control	Switchable Trap	Yes					
	Tunable Trap	Yes	No	Yes	Yes	Yes	Yes
	Power Supply	0747 incl.	0747 incl.	0747 incl.	0747 incl.	Not incl.**	Not incl.**

**Output capability is quoted for 2 channels at -46 dB cross modulation. Derate by 5 or 9 dB for 4 or 8 channels per band. Maximum input is output capability minus gain.*

***Ensure the 100 mA current draw will not overload the satellite receiver. See Titan Model 7778 for Spartan3 features in the Titan die-cast housing.*

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