



WAVEONE - WAVE10 - WAVE25 - WAVE150 LOW POWER D.D.S. FM TRANSMITTERS



Satellite DVB-S/S2 low symbol rate receiver

Integrated (*H-SATDTT*)

Stereo MPX coder & Limiter (soft clipper)

Included!

Micro SD card slot & Automatic switch

Integrated (*S-SWI, S-SD*)

RDS coder

Integrated (*S-RDS*)

D.D.S. modulator

Unique performance

TECHNICAL SPECIFICATION

RF output connector	DIN "N" (female) 50ohm
RF output frequency range	87.5 to 108MHz, in 1Hz steps
Frequency deviation	±75KHz (adjustable step)
RF output	WAVEONE: up to +20dBm; WAVE10: 4-10W; WAVE20: 25W; WAVE150: 150W
Modulation type	Digital processing & generation D.D.S. Direct-to-channel
Spurious (including harmonics)	<-85dBc (meet or exceeds FCC/IC/ETSI)
Pre-emphasis	0, 50, 75µs (selectable)
Peak limiter	Soft clipper with band limitation and a high oversampling real time processing
MPX composite output connector	BNC type (female), 50ohm
Input interfaces	
Satellite receiver (H-SATDTT)	DVB-S/S2 low symbol rate (from 128KS/s)
Analog mono/ stereo input	2x XLR, balanced 600 ohms or 10K ohms
AES/ EBU & AES192 inputs (S-AES)	XLR, balanced, 110 ohms, balanced
MPX/ SCA/ RDS inputs	2c BNC type (female), 10K ohms
FM receiver (S-FMRX)	DIN "N" (female), 87.5 to 108MHz
IP input (S-IP)	Icecast2, AES67, MPX over IP
Micro SD card slot (S-SD)	Up to 32Gb cards. Supported format: MP3; AAC-LC; AAC-HE; MPEG1 L2; WMA; FLAC; Ogg Vorbis
RDS coder (S-RDS)	Static, integrated
Automatic input switch (S-SWI)	Manual or automatic with three priority levels, time and threshold level selectable
Monitoring (S-AM)	Stereo jack 3.5 mm for headphones to monitor input signals
Local control	Front panel LCD display
Remote control	RJ45 connector - Ethernet 10/100 Base-T (SNMP and web server). Option: 2G/3G Modem/Router with SMS notifications (up to 7 phone numbers) and VPN support
Housing	Rack Drawer 19" 1U or 19" 2U (according to the options)
Weight	<10Kg
Power supply	90 to 274VAC, 47/63Hz single phase
Altitude	Up to 3500m
Humidity:	95% non-condensing
Warehouse temperature	-20°C to +70°C (<3 years)
Temperature	-5°C to +45°C

wave^{Art}
HUMAN BROADCASTING

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