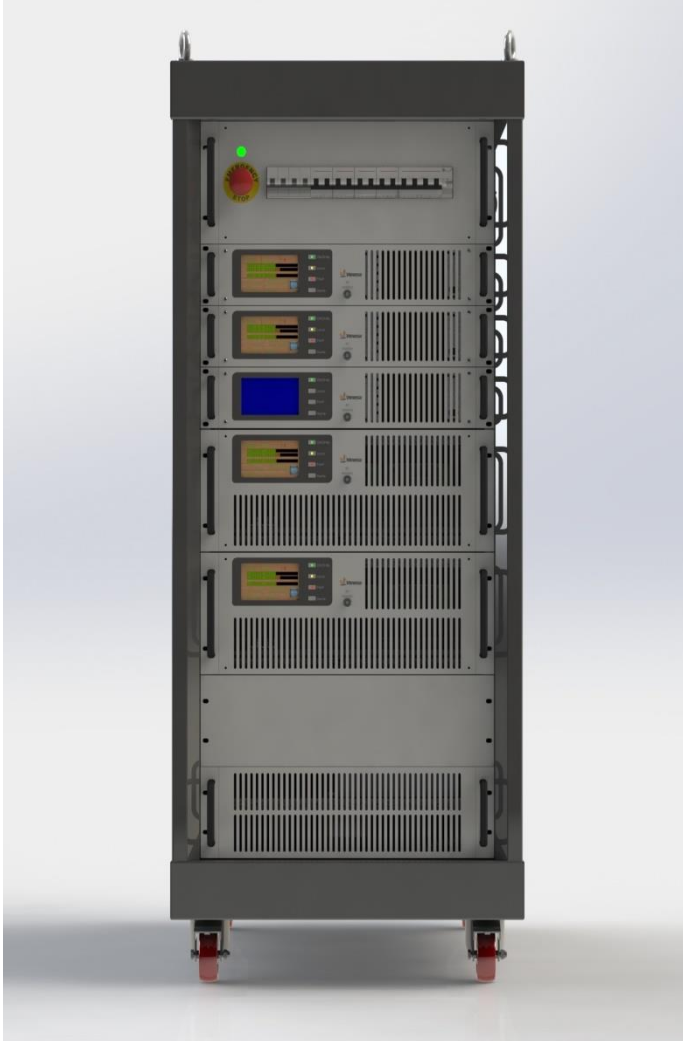


MUY ALTA EFICIENCIA ÚLTIMA TECNOLOGÍA EN TRANSMISORES DE FM



CARACTERÍSTICAS PRINCIPALES

- ALTA EFICIENCIA
- POTENCIA NOMINAL RF 11500W
- BAJO NIVEL DE SEÑAL DE RUIDO TYP.-80 dB
- ALTO RENDIMIENTO STEREO TYP. 60 dB
- DISTORSIÓN EXTREMADAMENTE BAJA < 0,01%
- BANDA ANCHA COMPLETA
- 6ta GENERACION LDMOS VSWR 65:1
- PANTALLA TACTIL DE COLOR LCD GRANDE 4:3
- CUMPLE CON CCIR & FCC
- WEB SERVER
- SNMP V1C

OPCIONES

- AES/EBU
- RDS/RBDS coder
- SNMP V2C remote control
- OIRT and JPN version
- Audio IP
- Digital device

AES/EBU
SPDIF

HIGHEST
EFFICIENCY

LCD COLOR
TOUCH
PANEL

VSWR
65.1

LOW S/N
85 dB

STEREO
60 dB

LOW
DISTORSION

WEB SERVER
SNMP

RDS/RBDS
CODER

OIRT/JPN
VERSION

TECHNICAL SPECIFICATIONS

GENERAL	Power Output	10000W (typ. 11500W) adjustable from front panel
	RF Output Impedance	50 ohm
	RF Output Connector	1+5/8" type
	Monitor RF	BNC connector
	VSWR	1,5:1 WITH AUTOMATIC FOLDBACK
	Frequency Range	87.5 + 108.00 MHz, on request 66 + 74 MHz (OIRT) 76 + 90 MHz (JPN) Programmable in 1 Hz steps
	Frequency Stability	±1 ppm from -5 to 45°C
	External Reference	10 MHz BNC connector back panel
	Type of Modulation	Analog
	Off Lock Attenuation	≥ -80 dBc
	Modulation Capability	±150 KHz
	Limiters built in	
	Power Good Detector	adjustable from 20+90% of the power
	Audio Presence Detector	adjustable time from front panel
	External AGC	Automatic, with fine ADJ back panel
	Modulation Mode	Mono, Stereo, Multiplex, SCA, RDS, Aux
	Preemphasis	Flat/50/75µs selectable from front panel
	Asynchronous AM S/N Ratio	-60 dB
	Synchronous AM S/N Ratio	-60 dB
	RF Harmonics	Exceeds EBU/CCIR/FCC requirements
RF Spurious	Exceeds EBU/CCIR/FCC requirements	
MONO OPERATION	Audio Input Impedance	600 ohm - 10 Kohm balanced
	Audio Input Level	-12 to +12 dBm
	Input Connector	XLR female
	Audio Frequency Response	±0.1 dB, 20 Hz to 15 KHz
	Total Harmonic Distortion + Noise	0.01% @ 400 Hz
	Intermodulation Distortion	0.01%, 1 KHz/1.3 KHz, 1:1 ratio
	Transient Intermodulation Distortion	0.01% 2.96KHz square wave and 14 KHz sine wave
	Distortion	0.01% 2.96KHz square wave and 14 KHz sine wave
FM S/N Ratio	-80 dB below ±75 KHz dev.	
STEREO OPERATION	Audio Input Impedance	600 ohm - 10 Kohm balanced
	Audio Input Level	-12 to +12 dBm
	Input Connector	XLR female
	Audio Frequency Response	±0.1 dB, 20 Hz to 15 KHz
	Total Harmonic Distortion + Noise	0.01% @ 400 Hz
	Intermodulation Distortion	0.01%, 1 KHz/1.3 KHz, 1:1 ratio
	Transient Intermodulation Distortion	0.01% 2.96KHz square wave and 14 KHz sine wave
	FM S/N Ratio	-80 dB below ±75 KHz dev.
	Stereo Separation	20 Hz + 15 KHz ≥ -60dB
	Crosstalk attenuation	Main to Sub -70 dB 30 Hz to 15 KHz
	38 KHz Suppression	≥ -85 dB
	Pilot Frequency	19 KHz ± 1 Hz
Output Pilot	1 Vpp., BNC female	

TECHNICAL SPECIFICATIONS

MULTIPLEX OPERATION	Composite Input Impedance	2 Kohm unbalanced
	Composite Input Level	-12 to +12 dBm
	Input Connector	BNC female
	Composite Amplitude Response	±0.1 dB, 30 Hz to 100 KHz
	Total Harmonic Distortion + Noise	0.01% @ 400 Hz
	Intermodulation Distortion	0.01%, 1 KHz/1.3 KHz, 1:1 ratio
	Transient Intermodulation Distortion	0.01% 2.96KHz square wave and 14 KHz sine wave
	FMS/N Ratio	-80 dB below ±75 KHz dev.
AES/EBU OPERATION	Input Connector	XLR female, optical TOS-LINK
	Data Format	S/PDF, AES/EBU, IEC958, EIAJCP340/1201
	D/A Converter	24 bit
	Sampling Frequency	from 32 to 96 KHz
SCA, ROS, AUX OPERATION	Input Impedance	≥ 2 Kohm
	Input Level	-6 to +12 dBm
	Frequency Response	±0.1 dB, 50 KHz to 100 KHz
	Input Connector	BNC female
AUXILIARY CONNECTIONS	CAN BUS/RS485	DB9 connector back panel
	Telemetry Interface	connector DB25 back panel
	LAN	RJ45 connector back panel
	MPX OUT	connector BNC back panel
OPTIONS		AES/EBU -SPDIF
		RDS/RBDS Programmable Coder via PC
		OIRT or JPN version
		SNMP
ELECTRICAL		Audio IP
	AC Input Power	200-400 VAC 50/60 HZ 3 phase
	AC Apparent Power Consumption	15000VA @ 10000W
	Cos φ	> 0.98
	Cooling	Forced air
	Acoustic noise	< -56 dBa @ 1 meter
ENVIRONMENTAL	Operating temperature	-5°C to +50°C
	Max Operating Altitude	2000 mt
	Relative Humidity Range	0 to 90%
PHYSICAL DIMENSION	Mounting	Standard 19" chassis 30 U rack
	Size	W x 580mm D x 1050mm H x 1540mm
	Weight	– 250 Kg