



ELTRONIKA

SRL



Rack 19"-20U (optional)

FM Solid State Stereo Transmitter TXS1000A

TXS1000A

Caratteristiche principali:



- Alta qualità sonora
- Elevato rapporto segnale/rumore a 85dB
- Elevata separazione stereo pari a 45dB
- Gestione completa della macchina tramite microprocessore
- Elevato rendimento con basso consumo di energia
- Completa ridondanza di funzionamento
- Visualizzazione di tutti i parametri di funzionamento sul display
- Visualizzazione degli allarmi di massima potenza, SWR, temperatura, sbilanciamento, tensione di alimentazione

TXS1000A

Main features:



- High sound quality
- High S/N ratio at 85dB
- High stereo separation equal to 45dB
- Completely managed by microprocessor
- High performances with low energy consumption
- Complete working redundancy
- All the working parameters are shown on the display
- Display of alarms for maximum power, SWR, temperature, unbalancing, power supply voltage

TXS1000A

Características principales:



- Alta calidad sonora
- Alta relación S/N a 85dB
- Alta separación estereo igual a 45dB
- Gestión completa del equipo a través de microprocesador
- Alto rendimiento con bajo consumo de energía
- Completa redundancia de funcionamiento
- Visualización de los todos los parámetros de funcionamiento en el display
- Visualización de las alarmas de máxima potencia, SWR, temperatura, desbalance y tensión de alimentación

TECHNICAL SPECIFICATIONS

RF SECTION

Rated output power	1000W
RF Output connector	7/16"
RF Output impedance	50
Frequency range	87.6 - 107.9MHz
Frequency programmability	Step 10/100kHz from panel
Frequency stability	2.5ppm (option 0.05ppm)
Spurious and harmonic suppression	Meets or exceeds all FCC and CCIR requirements
Modulation capability	Meets or exceeds all FCC and CCIR requirements
Asynchronous AM S/N ratio	60dB or other
Synchronous AM S/N ratio	50dB or other

SOUND SECTION

● **MPX Operation**

Audio input	2Vpp, BNC connector
Frequency amplitude response	± 0.1dB, 30Hz - 100kHz
Harmonic distortion	< 0.15%, 30Hz - 100kHz
S/N Ratio with CCIR unweighed	80dB
S/N Ratio with CCIR weighed	78dB
S/N Ratio with RMS Detector	86dB

● **MONO Operation**

Audio input	2Vpp, XLR connector
Frequency amplitude	0.5dB, 30Hz - 15kHz
Harmonic distortion	< 0.15%, 30Hz - 15kHz
Pre-emphasis	Flat, 50 s, 75 s
S/N Ratio with CCIR unweighed	80dB
S/N Ratio with CCIR weighed	78dB

● **Internal Coder**

Audio input	2Vpp, XLR connector
Frequency amplitude	± 0.5dB, 30Hz - 15kHz
Harmonic distortion	< 0.15%, 30Hz - 15kHz
Pre-emphasis	Flat, 50 s, 75 s
Stereo separation	> 45dB (typ. 55dB)
S/N Ratio with CCIR unweighed	74dB
S/N Ratio with CCIR weighed	70dB

● **SCA Operation**

Audio input	2Vpp, BNC connector
Frequency amplitude response	± 0.1dB, 40Hz - 100kHz

GENERAL

AC Power requirement	220Vac, ± 20%, 50/60Hz
Power consumption	2000VA
Dimensions	Rack 19"-10U (Optional) 490x470x560mm (Amplifier only)
Ambient temperature	-5° to +45°C
Weight	65kg

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