



Nuovo trasmettitore FM dalle caratteristiche eccezionali, basso consumo, basso rumore, alta stabilità, semplicità di gestione, Stereo Coder incorporato, due ingressi ausiliari (SCA etc.), ingressi destro sinistro XRL e mono " BNC ", insomma una eccellente realizzazione per alte prestazioni che durano nel tempo.

Realizzato in RACK da una unità e facilmente alloggiabile, il suo designer sobrio ma elegante dà un tocco di classe e di unicità !

New FM transmitter offering exceptional performance, low power consumption, low noise, high stability, ease of management, Stereo Coder incorporated two auxiliary inputs (SCA etc.), Left right inputs and XLR mono "BNC", in short, a great achievement for high performance long-lasting.

RACK Made from a unit and easily housed, its simple but elegant design adds a touch of class and uniqueness!

GENERAL CHARACTERISTICS

OPTIONS

Frequency range :	87.5 - 108 MHz	40 - 80 MHz
Modulation :	FM, 75 KHz peak deviation	
Step frequency :	10 KHz	
Frequency error :	≤ 200 Hz	
Frequency deviation :	≤ 250Hz in the temperature range	
Output power :	25 - 50 - 100 - 300 - 500 W	50/100/300/500 W
RF harmonic :	≤ - 65 dBc	
RF spurious :	< - 80 dBc [-95 dBc typ.]	
RF output impedance :	50 Ω	
Maximum reflected power :	10% output power	

AUDIO CHARACTERISTIC

Input audio/MPX level I:	- 3,5 up to +12.5 dBm @ ±75KHz deviation
Impedance audio/MPX input:	10Kohm / 600 Ohm balance and unbalance
Common mode rejection :	> 50dB , >60dB, typ. [20 / 15.000 Hz]
Input audio connector :	XLR Female
Input level of the aux channel I:	-12.5 / +3.5 dBm at +/- 7.5 KHz dev - 24 / -8 dBm at ± 7.5 KHz dev.
S/N ratio Mono :	< 78dB , 86 typ. [30 - 20.000Hz] < 75dB , 81 typ. [CCIR]
S/N ratio Stereo :	> 72dB , 77 typ.[30 - 20.000 Hz] < 68 dB , 72typ.[CCIR]
Modulation distortion :	< 0.05% 0.02% typ. @ 75KHz dev. <0.02% 0.05% typ. @75KHz dev. With limiter >150 KHz
Frequency band width audio channel I:	20Hz - 15 KHz +/- 0.1 dB
Out range audio attenuation :	> 50dB @ F>= 19KHz
Limiter deviation :	Setting from 0 and <+7dB
Input MPX frequency band width :	10 - 100KHz +/- 0.2dB
Dimension :	Rack std 19" 1U depth 360 mm

ENVIRONMENTAL WORKING CONDITIONS, STORAGE AND TRANSPORT

Temperature (operating)	- 15 / + 49 °C
Temperature (not operating)	- 25 / +70 °C
Humidity (operating)	95% a 40 °C
Humidity (not operating)	90% a 65 °C
Altitude (operating)	≤ 4.600 meters
Altitude (not operating)	≤15.000 meters

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