



FAISCEAU AUDIO DE REPORTAGE UHF

DESCRIPTION

Technical specifications

TX (Report)

Frequency Ranges	200~960 MHz <20MHz sub-band
TypeofModulation	TypeofModulation
VCO Tuning	25 MHz
Frequency Stability	± 2.5 ppm (Better on request)
SynthesizerStep	25KHz
Image Rejection	60dB Typ.
RN NoiseFigure	
Distorsion	< 0.5% (TYP 0.2 % @ 1KHz)
BaseBand	30Hz÷60KHz ± 0.08 dB
S/N Ratio	> 72 dB with 0.2 mV
Deemphasis	50 or 75 µS int. selectable
RF Connectors	N-F 50 Ohm
1. Band-IFConn.	BNC-F
Base-BandImp	< 30 Ohm
Cooling	Forced air
P. Temp.Range	0 ÷ +50°C
MaximumUmidity	95%
ACSupply	100 ÷ 240 Volt; 47 ÷ 63 Hz Dimension
Dimension	1 Units Rack 19" 44 cm Depth

Weight

6.2Kg

RX (Studio)

Frequency Ranges	150-470 and 830-960MHz in 20MHz sub-bands
Modulation:	FM Class F3 or lower deviation upon request
Output Impedance & Connector	50 ohm type 'N' female
RF output power	10W or 20W
RF output power adjusting	100% or 20% in front panel selectable
Harmonic Frequencies Level (ref. to carrier)	< -60dB
Spurious Frequencies Level (ref. to carrier)	< -80dB
Frequency stability	2,5 ppm
Input Impedance	600 ohms or greater
Input Level	-6 dBm to +10 dBm nominal for nominal deviation adj.
Mono Input (with pre-emphasis)	Pre-emphasis 50/75 μ s selectable
Audio Bandwidth	Standard 7,5 KHz others upon request
Distortion (THD) in compression	< 2 %
S/N Ratio (ref. to 25 KHz/1000Hz)	> 50 dB
Power requirements	Operating voltage 100 to 240 \pm 20% Vac 50/60 Hz External DC 13.5V 3-5 A FM 2,7A @ 15W out
Power consumption	50/70 VA
Battery pack (optional)	13.5Vdc 9.0A

Operating temperature	0 to +40°C
Relativehumidity	95% max
Dimensions	Width 20cm Height 9 cm Depht 27 cm
Weight	4.5 kg