



CIGENUS Radio

CG-828

QUICK SPECIFICATION:



60 Watts
RF Power



45 Watts
RF Power



748
Channels

AVAILABLE IN



Dualband

VHF & UHF
(136-174MHz & 400-470MHz)

TECHNICAL SPECIFICATION

GENERAL

Frequency range	VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz
Channel Spacing	12.5KHz 20KHz 25KHz
Squelch	13.8V DC +15%
Frequency Stability	Carrier / CTCSS / DCS / 5tone
Operating temperature	+2.5ppm -20°C ~ +60°C

TRANSMITTER

Power Output	VHF: 60w UHF: 45w approx
Modulation	16KF3E 11KF3E
Adjacent Channel Power	≥70dB ≥60dB
Hum & Noise	≥40dB ≥36dB
Spurious Emission	≥70dB ≥70dB
Audio Response	+1 ~-3dB (0.3~3KHz 2.5KHz)
Audio Distortion	≤5%

RECEIVER

Sensitivity	≤0.25uV ≤0.35uV
Audio Response	+1 ~-3dB (0.3~3KHz 2.5KHz)
Hum & Noise	≥45dB ≥40dB
Audio Power Output	>2W @10%