NEW

AR5700D
DIGITAL COMMUNICATIONS RECEIVER

Frequency range	9kHz~3.7GHz
Tuning steps	1Hz~999.999kHz
Operation modes	VFO (A~E), memory channel, memory channel scan, select scan, program search, FFT search (cyber search), analog video demodulation
Analog receive modes Digital receive modes (encrypted signals not supported)	FM, FM-stereo, AM, synchronous AM, USB, LSB, CW, analog I/Q, FM video. D-STAR / GMSK / AMBE DV mode only. YAESU / C4FM / AMBE+2 V/D narrow mode only. ALINCO / GMSK / AMBE EJ47 (F1E) mode only. D-CR / C4FM / AMBE+2. NXDN / C4FM / AMBE+2 6.25kHz mode only. P25 Phase 1 / C4FM / IMBE Conventional mode only. dPMR / C4FM / AMBE+2 Tier 1 only. DMR / C4FMx2 / AMBE+2 Tier 1 and Tier 2 only. TETRA direct mode (T-DM) / π/4 shift QPSK / ACELP. TETRA traffic channel (T-TC) / π/4 shift QPSK / ACELP
Number of VFO's	5
Memory channels	2000 (50 channels x 40 memory banks). Banks customizable from 5 to 95 channels.
Priority channel	1
Select memory channels	100 (via memory banks)
Search banks	40
Pass frequencies	1230 (30 per memory bank + 30 for VFO search)
Typical scanning speed	100 channels / steps per second (for analog modes)
Temperature range	0°C~+50°C (32°F~122°F)
Frequency stability	0.1ppm (after 5 min. warm-up) or 0.01ppm with optional GPS unit.
Power requirements	DC10.7V~16V (2.0A@12V)
Audio output	>1.5W into 8Ω load
Current consumption	Stand-by: Approx. 200mA, Max. audio: Approx. 1.8A
Grounding method	Minus grounding
Dimensions	Approx. 304mm(D) x 220mm(W) x 97mm(H) (excluding projections)
Weight	Approx. 5kg