



Portable Radios (3 pages)

Manufacturer Name Connect Systems Inc. Limit 3 Products

1. Product name	CS600	CS700	
2. Suggested list price			
3. For what protocols? (P25, NXDN, MPT 1327, etc.)	DMR, CTCSS, DCS	DMR, CTCSS, DCS	
4. Frequency type (single, dual or multiband)	Single Band	Single Band	
5. Frequency ranges	400 MHz – 470 MHz	400 MHz – 470 MHz	
6. Conventional and/or trunked?	Conventional	Conventional	
7. Analog/digital?	Digital and Analog	Digital and Analog	
8. Dimensions (inches) (HWD)	4.45 x 2.18 x 1.38	4.45 x 2.18 x 1.38	
9. Weight (ounces)	9.7	9.7	
10. Housing material	Plastic & Metal	Plastic & Metal	
11. Channel capacity	32	1000	
12. Channel spacing	12.5	12.5	
13. Types of scans	Dual Priority Scan	Dual Priority Scan	
14. Types of displays	None	LCD	
15. Current drain (standby)	100mA(Standby) 50mA (PowerSave)	100mA(Standby) 50mA (PowerSave)	
16. Power requirements	7.2 Volts	7.2 Volts	
17. Battery life/duty (90/5/5)	10 Hours (Analog) 14 Hours (Digital)	10 Hours (Analog) 14 Hours (Digital)	
18. DTMF, limited keypad/no keypad	No Keypad	DTMF Keypad	
<i>If radio is trunking:</i> 19. Number of groups/systems	Not Applicable	Not Applicable	
20. Unique ID code?	YES	YES	
21. Auto check-in roam?	Not Applicable	Not Applicable	
22. Selective calling?	Standard	Standard	

23. Over-the-air programming?	No	No	
<i>Receiver specs:</i>			
24. Sensitivity (12 dB SINAD/20 dB quieting)	-117 dBm (Ber 5%)	-117 dBm (Ber 5%)	
25. Squelch sensitivity (dB)	-120dBm	-120dBm	
26. Adjacent-channel selectivity (dB)	60 dB	60 dB	
27. Current drain (RX) (mA)	400mA (@1000mW)	400mA (@1000mW)	
28. Spurious rejection (dB)	70 dB	70 dB	
29. Audio output power (mW)	1000 mW	1000 mW	
30. Audio distortion (%)	3% (@500mW)	3% (@500mW)	
31. Frequency stability (ppm)	1 ppm	1 ppm	
<i>Transmitter specs:</i>			
32. RF output power (W)	4 W	4 W	
33. Spurious and harmonics (dB)	-36dBm < 1GHz, -30dBm > 1GHz	-36dBm < 1GHz, -30dBm > 1GHz	
34. Frequency spread (MHz)	400 MHz – 470 MHz	400 MHz – 470 MHz	
35. Current drain (TX) (mA)	1550mA (Analog) 800mA(Digital)	1550mA (Analog) 800mA(Digital)	
36. FM hum and noise (dB)	-40 dB	-40 dB	
37. Audio response (dB)	+1 dB to – 3dB	+1 dB to – 3dB	
38. Audio distortion (%)	3%	3%	
<i>Features: (Answer each question w/Standard, optional, N/A)</i>			
39. Talkaround?	Standard	Standard	
40. Allows encryption? Type?	ETSI Standard	ETSI Standard	
41. Remote speaker/mic jack?	Standard	Standard	
42. Auto noise squelch?	Standard	Standard	
43. Accepts NiMH battery?	N/A	N/A	
44. Busy channel indicator?	Standard	Standard	
45. Lockout?	Standard	Standard	
46. Accepts CTCSS/DCS?	Standard	Standard	
47. Time-out timer?	Standard	Standard	
48. Channel scanning?	Standard	Standard	

49. Two-tone seq. decoder?	N/A	N/A	
50. PC programmable?	Standard	Standard	
51. Programmable ANI?	N/A	N/A	
52. Intrinsically safe?	N/A	N/A	
53. Cloning capability?	N/A	N/A	
54. P25 CAP SDoCs available?	N/A	N/A	
55. Warranty (years)	1	1	