CS800 adopts the latest digital technologies, which results in a high quality product which is easy to use and very cost effective.

Key Features:
- 65,280 Contact Lists
- 2,000 Channels
- Field Programming
- Dual Modes (Digital+Analog)
- Remote Header Mobile
- Superior Digital Voice
- Versatile Calls and Data Service
- Full Analog Signaling
- GPS option
- Bluetooth option
Customizing
The customer could give his idea to his dealer for the manufacture to add its great idea in his radio by software upgarding. Some unique new features list as,
- DMR Monitor
- Per Channel ID
- Group Call Alert
- TX Contact not Include
- Same ID Decode
- Internal/External Mic Gain

Lone Worker

Digital / Analog Emergency

Digital Encryption
Support 16-bit basic encryption and 72-bit enhanced encryption.

Voice Auto Record
Support automatic record after receiving a 2-tone or 5-tone signaling. Four voice 15-second records standard.

Channel Voice Annunciation
Channel Voice Annunciation is useful when you are not convenient to watch the radio. You could even use your own annunciation voice.

Contact / Channel Import & Export
You could convert the configurations between different models by this feature.

Features

CTCSS / DCS Encode & Decode
DTMF / MDC 1200 / 2Tone/5Tone Encode & Decode
One Touch / Quick Menu
Dual priority Scan
VOX
Kill / Revive
Power Up Zone / Home Zone
Frequency Display
8-Programmable Long / Short Key
Power On / Write / Read / Configuration File Password
Microphone Menu Operation

Specifications

General
Power Supply 13.6V DC±20%
Frequencies-Full Bandsplit 400~470MHz
Number of Channels 2000 Channels
Maximum number of Zones 250 Zones
Maximum number of Channels Per Zone 16
Channel Spacing 12.5/25kHz
Operating Temperature -30℃~+60℃
Dimensions: HxWxD (mm) 46X160X175
Weight: (g) 1315g

Transmitter
Frequency Stability (-30℃ to 60℃, 25℃ Ref) 1.0 ppm
Power Output 5W(L)/25W(M)/45W(H)
Modulation Limiting ±2.5kHz@12.5kHz / 5kHz@25kHz
FM Hum & Noise -40dB@12.5kHz/45dB@25kHz
Conducted/Radiated Emission -36dBm<1GHz, -30dBm>1GHz
Adjacent Channel Power -60dB@12.5kHz
-70dB@25kHz
FM Modulation Mode 12.5kHz: 11k0F3E/25kHz: 16k0F3E
4FSK Digital Mode 12.5kHz (data only): 7k60FXD
12.5kHz (data+voice): 7k60FXXE
4FSK Modulation Accuracy 5%@25℃, 10%@extreme temperature
Audio Response (300~3000Hz) +1~ -3dB
Digital Protocol ETSI TS 102 361-1,-2,-3
Audio Distortion <3%
Vocoder AMBE+2™
Ext. Connector DB15

Receiver
Analog Sensitivity 0.35μV=116dBm(20dB SINAD)
0.22μV=120dBm(12dB SINAD)
Digital Sensitivity 0.3μV=117.4dBm(BER 5%)
0.7μV=110dBm(BER 1%)
Intermodulation TIA603 70dB; ETSI 65dB
Adjacent Channel Selectivity TIA603 70dB; ETSI 65dB@25KHz
TIA603 60dB; ETSI 60dB@12.5KHz
Spurious Rejection TIA603: 75dB; ETSI: 70dB
Blocking 84dB
Rated Audio/MAX Audio 2W / 3W
Audio Distortion@Rated Audio 3%
Audio Response (300~3000Hz) +1~ -3dB
Conducted Spurious Emission -57dBm<1GHz, -47dBm>1GHz ETS300086