

2500 Series

Analog Command Center System Command Centers



Reliable analog command center for emergency communications.

- Manages emergency calls from up to 116 call boxes.
- Home-run wiring simplifies system installation.
- Supports main, submaster, and multiple submaster configurations.
- Functions as an off-site caller or intercom.
- Built-in call queuing allows multiple call boxes to share a phone line.
- Compliant with NFPA 72, IBC, and ADA requirements.



Specifications

	Surface Mount	Flush Mount	Desk
Dimensions (12–16 Zone)	15.14" × 12.0" × 6.19"	Front: 16.06" × 14.0" × 3.07" Back Box: 15.64" × 12.0" × 3.0"	9.72" × 7.20" × 1.69"
Dimensions (36–116 Zone)	21.03" × 20.30" × 5.19"	Front: 21.13" × 25.0" × 3.06" Back Box: 20.66" × 23.0" × 3.0"	-
Weight (12–16 Zone)	16.10 lbs	21.10 lbs	1.78 lbs
Weight (36–116 Zone)	34.90 lbs	39.00 lbs	2.43 lbs
Enclosure	Powder-Coated Steel	Powder-Coated Steel	Plastic
Supported System Size	1–116 Call Boxes		
Wiring	Single pair, 22–24 AWG (home run)		
Max. Wiring Distance	6,200 ft (22 AWG) 3,900 ft (24 AWG)		
Communication	Analog (POTS, PBX, or Central Office) VoIP, cellular, and digital systems supported with analog		
Operating Temp.	32°F to 113°F		
Warranty	2 Years		

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Phone Line Requirements

Phone Line Type	Analog (POTS, PBX, or Central Office) Digital phone lines, VoIP, or cellular gateways supported when converted to analog and capable of supporting modem-modulated devices
Supported Configuration	Ring-down style phone lines are not supported
On-Hook Voltage	45–54 VDC (48 VDC nominal)
Off-Hook Voltage	4–8 VDC (5 VDC nominal)
Operating Loop Current	22–29 mA (20 mA typical)
Dialing	DTMF (Dual Tone Multi-Frequency)
Frequency Response	550–3400 Hz ± 3 dB
Ring Sensitivity	30–120 VAC RMS
Operational Loop Impedance	600 ohms
Open-Loop Disconnect	500 ms

Part Numbers

System Size	Surface Mount	Flush Mount	Desk
12 Zone	2500-12RC 2500-12B 2500-12RCS	2500-12RCF 2500-12F 2500-12RCFS	2500-12NC 2500-12D 2500-12NCS
16 Zone	2500-16RC 2500-16B 2500-16RCS	2500-16RCF 2500-16F 2500-16RCFS	2500-16NC 2500-16D 2500-16NCS
36 Zone	2500-36RC 2500-36B 2500-36RCS	2500-36RCF 2500-36F 2500-36RCFS	2500-36NC 2500-36D 2500-36NCS
56 Zone	2500-56XRC 2500-56XB 2500-56XRCS	2500-56XRCF 2500-56XF 2500-56XRCFS	2500-56XNC 2500-56XD 2500-56XNCS
116 Zone	2500-116XRC 2500-116XB 2500-116XRCS	2500-116XRCF 2500-116XF 2500-116XRCFS	2500-116XNC 2500-116XD 2500-116XNCS

RC / RCF / NC = Main Command Center

B / F / D = Submaster

RCS / RCFS / NCS = Multiple Submaster

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