



## WOC-8500

The West-Call<sup>®</sup> Odyssey Central (WOC-8500) is the control center for data, audio and configuration files for up to eight master stations and 256 ID points. Each WOC-8500 comes standard with 16 audio paths, support for 4 masters and 64 ID's. Up to eight centrals can be connected together for a total of 64 master stations and 2048 ID points. An IPX or TCP/IP protocol is used for communication through a 10base T network. A service panel is available for onsite diagnostics of the central.

- ▶ 16 Audio Paths
- ▶ Connect up to Eight Master Stations
- ▶ 256 ID Points per Central
- ▶ Eight External Audio Inputs
- ▶ Compatible with Novus® Hybrid Devices
- ▶ Uses IP Protocol or TCP/IP
- ▶ Diagnostic Display
- ▶ Voltage Test Points
- ▶ Capable of Networking Unlimited Centrals

## VERSIONS AND MODEL NUMBERS:

STATION TYPE	MODEL NO.
West-Call® Odyssey Central with 64 ID points, four master connections, four home run connectors, 16 audio paths, Call backup for up to four masters	WOC-8500
Central Terminal Cabinet	TC-3624/6

### OPTIONS

Additional four master connections	AEB-8500
Additional home run connections (1 DLI-8500 has 2 home run connectors)	DLI-8500
Additional ID Points (1 RIC-8500 supports 64 ID points)	RIC-8500
Additional Call Backup Points for Masters	CBD-8500
Data line Extension board used to extend system data lines up to 4,000 ft	DLX-8500
Diagnostic Service Display Panel	SVC-8500
Audio Amplifier Card. 4 Circuit	AMP-4

- For surface mounted louvered door, order model number TCD-3624/S/LOUVERED
- For flush mounted louvered door, order model number TCD-3624/F/LOUVERED
- For use with the West-Call® Odyssey system

Operating Voltage	120 VAC and 28 VDC +/-10%
Power Consumption	80 watts
Size	32"H x 20"W x 3.5"D
Weight	19 lbs. Weight of fully loaded central with cabinet and door does not exceed 100 lbs.
Mounting Cabinet	36"H x 24"W x 6"D, electrical enclosure or equivalent. Flush or surface mount available.
Termination	Room identity lines terminate to mass termination connectors on room interface cards. Common data lines terminate on electrically isolated interface cards. Mating connectors are Panduit CE100F22-8 connectors.
Audio Amplifier	True duplex (2 channel) amplifier with 30db minimum gain and power output of 2 watts. One amplifier per audio channel, up to 16.
Processor	PC-104 Embedded Controller operating at 40MHz
Storage	2MB Solid-State Disk (no moving parts) for operating system and configuration files
Interface	May also be used with existing West-Call® 1000 and 8000 field devices and wiring
Certifications	UL-1069 for US and Canada, E139082

**NOTE:** This information should not be used for final design. Consult West-Com for total system requirements. Specifications subject to change without notice.



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