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INSTALLATION INSTRUCTIONS SAFEPATH® 4 C.O. Port Adapter SP-COA

Use this product according to this instruction manual. Please keep this instruction manual for future reference.

GENERAL:

Wheelock's *SAFEPATH*®4 C.O. Port Adapter (SP-COA) is used when connecting between an unused C.O. Port and the SP40/2 Telephone (TEL) input.

The unit is attractively packaged for wall mounting. The SP-COA requires connection to a 24VDC filtered and regulated power supply, which supplies power to the unit and talk battery for the unused C.O. Port. Two wires are connected from the unused C.O. Port to the telephone input (TEL INPUT) terminals on the SP-COA. The telephone output (TEL OUTPUT) is then connected to the telephone input (TEL) connections on the SP40/2 motherboard. See Figure 2.

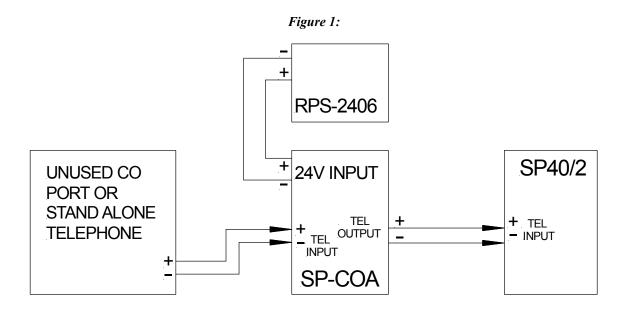
NOTE: All **CAUTIONS** and **WARNINGS** are identified by the symbol \triangle . All warnings are printed in bold capital letters.

⚠ WARNING: PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT. FAILURE TO COMPLY WITH ANY OF THE FOLLOWING INSTRUCTIONS, CAUTIONS AND WARNINGS COULD RESULT IN IMPROPER APPLICATION, INSTALLATION AND/OR OPERATION OF THESE PRODUCTS IN AN EMERGENCY SITUATION, WHICH COULD RESULT IN PROPERTY DAMAGE AND SERIOUS INJURY OR DEATH TO YOU AND/OR OTHERS.

INSTALLATION INFORMATION:

⚠ WARNING: DO NOT CONNECT AC POWER OR BATTERY BACKUP POWER UNTIL SYSTEM WIRING HAS BEEN CONNECTED OR THE SP-COA HAS BEEN MOUNTED, AND FIELD WIRING HAS BEEN INSPECTED.

Connect the SP-COA TEL INPUT to the unused C.O. Port or a stand-alone telephone. Connect the SP-COA TEL OUTPUT to the TEL terminals on TB5 on the SP40/2. Connect the SP-COA POWER terminals to a 24VDC filtered and regulated power supply (Wheelock's part number RPS-2406 is recommended). See Figure 1 for details.



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MOUNTING INFORMATION:

Hang the C.O. Port Adapter vertically on the two mounting screws supplied. Space the screws vertically on 2" centers per Figure 3.

Connect all wiring as per Figure 1. The SP-COA terminals accept #16 through #24 AWG. Strip insulation to expose 3/8" of bare wire. Press in the orange tab above the appropriate terminals with a small screwdriver and insert the bare wire into the wire hole. Release the tab to securely clamp the wire.

Plug in AC power cord for the 24VDC power supply. Check page activation by operating the page system.

SPECIFICATIONS:

Table 1:				
Input Specifications		Output Specifications		
Input Voltage	24VDC			
Input Current Standby	.002 Amps	Telephone Output Level	500mVrms	
Input Current Page	.049 Amps	1 1		
Telephone Input Level	500mVrms			

Figure 2: Wire Connections

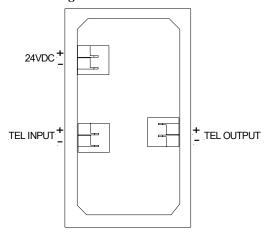
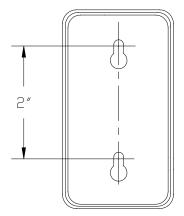


Figure 3: Mounting Template (Not To Scale)



TROUBLE SHOOTING GUIDE:

Condition	Check
SP-COA cannot be accessed	Check presence and polarity of voltage on + & - 24 VDC terminals and that power is filtered and regulated.
	Verify SP-COA has released from last page.
	Check the SP40/2 is not in a trouble condition. Verify that "Tel Input" and "Tel Output" wires are not switched.
2) No sound or low page volume	Check for presence of audio on the "Tel Input" terminals. Increase the "Tel" volume control on the SP40/2 (see SP40/2 manual for information and location of the "Tel" volume control).
	Check the SP40/2 is not in a trouble condition.

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