

TALKSWITCH TELEPHONE SYSTEMS

**TALKSWITCH 48-CVA**

The full-featured, all-in-one telephone system with hybrid VoIP/traditional telephony.

- VOICE OVER IP ENABLED
- BUILT-IN SIP SERVER
- VOICEMAIL
- AUTO ATTENDANTS
- REMOTE EXTENSIONS
- AUTO FAX DETECTION
- DIAL-BY-NAME DIRECTORY
- MUSIC ON HOLD
- USER-CONFIGURABLE
- CALL FORWARD
- CALL CASCADE
- RING GROUPS
- CALL BACK/CALL BRIDGE
- CALL HOLD/PARK/PICKUP
- CALL TRANSFER
- CALL CONFERENCE
- INTERCOM
- PUBLIC ANNOUNCEMENT
- CALL QUEUE
- MODE SCHEDULING
- CALL SCREENING
- DISTINCTIVE RING
- USES STANDARD PHONES
- EXPANDABLE
- LAN CAPABILITY
- UPGRADEABLE
- LOCAL & REMOTE MANAGEMENT
- UNIFORM CALL DISTRIBUTION
- EXPANDABLE MEMORY

**TALKSWITCH 48-CVA**

The TalkSwitch 48-CVA is a hybrid phone system that handles both traditional telephone calls and Internet calls. With (Voice over IP) VoIP, calls from a TalkSwitch 48-CVA in one location can be carried over a broadband Internet connection to a TalkSwitch 48-CVA (or VoIP gateway) in another location, eliminating long-distance charges.

The TalkSwitch 48-CVA also allows direct integration with service provider networks for VoIP services. And the system is based on the SIP protocol, so it's designed to interoperate with the industry-standard VoIP products and services of today and tomorrow.

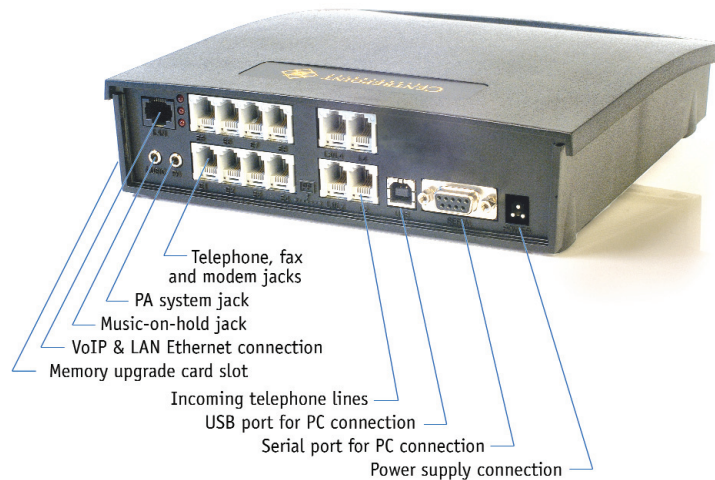
TalkSwitch 48-CVA includes the rich features that our phone systems are known for; voicemail, auto attendants, innovative remote extensions and sophisticated call handling help businesses look big, reduce communications costs, and stay connected everywhere. With standard connections for fast and easy installation and free PC configuration software, TalkSwitch 48-CVA system set-up and changes are a snap.

**CAPACITY**

- 4 lines in
- 8 local extensions
- 8 remote extensions
- 4 VoIP trunks
- 9 auto attendants
- 26 voice mailboxes

Up to 4 TalkSwitch 48-CVAs or 48-CAs can be networked over a LAN for added capacity of up to **16 lines, 16 VoIP trunks** and **32 extensions**.

**CONNECTIONS**



**Extensions:** 8 standard 2-pin RJ-11 ports. TalkSwitch 48-CVA supports up to 8 standard analog telephones and fax machines.

**PA Output:** 1/8" mono phono jack to connect TalkSwitch 48-CVA to a PA system to announce calls, or to a local speaker to monitor incoming calls and voicemail.

**Audio Input:** 1/8" mono phono jack allows connection of standard audio devices (CD players, radio or PC soundcard) for music or messages on hold.

**Ethernet connection:** RJ-45 10BaseT ethernet connection for LAN networking and management and access to 4 VoIP trunks.

**Memory Card Slot:** The TalkSwitch 48-CVA has 30 minutes of built-in voicemail and auto-attendant memory, which can be upgraded by up to 9 hours.

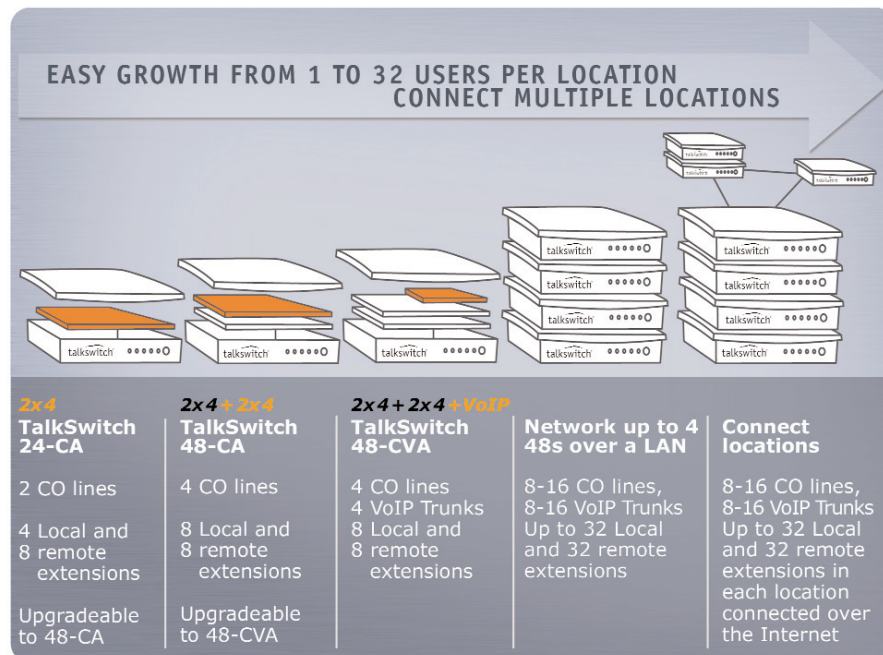
**Incoming Lines:** 4 standard 4-pin RJ-11 ports. Support for Caller ID and distinctive ringing.

**PC Connection Ports:** Serial and USB1 ports connect the TalkSwitch 48-CVA to a PC for configuration. Ethernet cable included. TalkSwitch 48-CVA includes configuration software, but the system doesn't need to be connected to a PC to function.

**Power Source:** 120VAC/16VAC 1.5A AC wall adapter included.

**GROW YOUR OWN WAY**

We designed TalkSwitch with a smooth evolutionary path that protects investment and meets your future needs for growth.



**Available Online at: [www.OREweb.ca](http://www.OREweb.ca)**

**Or, Contact us directly:  
1-800-509-1692 Ext. 1 Local: (905) 428-8588 Ext. 1**

**FREE SOFTWARE UPDATES. YES, FREE.**

**Software:** TalkSwitch comes with free user-friendly Windows-based configuration software. We continually add features and functionality to the configuration software, and we don't charge for updates.

**Warranty:** The TalkSwitch 48-CVA is covered by a limited one-year warranty.

**TECHNICAL SPECIFICATIONS**

Ringing voltage	90 volts RMS	<b>VoIP Specifications</b>	
Ringing frequency	20 Hz Sine wave	Embedded SIP Server and User Agents	
Total ringing load	5 REN	Integrated Registrar	
Trunk type	Loop start	Can use external SIP servers as required	
Connector type	RJ-11, 2-pin	RTP	
Interface impedance	600 ohms	G.711 $\mu$ -law/A-law, G.726 (32Kbps), G.729a	
Flash hook supported	Yes	G.168 echo cancellation	
		VAD, silence suppression	
		Adaptive jitter buffer	
		Packet loss concealment	
		Fax tone detection	
<b>C.O. Interface</b>			
Interface impedance	Configurable 600/900 ohms	Dimensions (HxWxL)	2.03" x 8" x 8.4"
Trunk type	Loop start	Weight	1.89 pounds
Connector type	RJ-11, 4-pin	Approvals	ACTA TIA/EIA/IS-968 and FCC Part 68 Industry Canada CS-03 and ICES 003
REN	0.7		
Caller ID support	All lines		
Distinctive ring supported	Yes		
<b>System</b>			
C.O. interfaces	4		
VoIP trunks	4		
Extension interfaces	8		
RS-232, 9 pin interface	1		
USB1 interface	1		
LAN Interface	RJ-45 Ethernet (10BaseT)		
Power-failure Line to Extension jacks	Ext. 4 connects to Line 1		

AVAILABLE FROM:

**About TalkSwitch**

TalkSwitch® is dedicated to providing small and multi-location businesses with innovative telecommunications solutions. Since 1990, TalkSwitch has delivered rich features, high functionality and unbeatable value. Ideal for businesses with up to 32 telephone users per office, TalkSwitch systems provide users with options to connect to both the traditional telephone network (PSTN) and Voice over IP (VoIP) networks. TalkSwitch is headquartered in Ottawa, Canada. For more information, visit us at [www.talkswitch.com](http://www.talkswitch.com), or call us toll free in North America at 1.888.332.9322. In all other markets call +1.613.725.2980.

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