

TALKSWITCH TELEPHONE SYSTEMS

A full-featured, all-in-one telephone system that handles both traditional and VoIP telephony.

- VOICE OVER IP ENABLED
- BUILT-IN SIP SERVER
- VOICEMAIL
- CELL/PAGER/E-MAIL NOTIFICATION OF NEW MESSAGES
- AUTO ATTENDANTS
- REMOTE EXTENSIONS
- AUTO FAX DETECTION
- DIAL-BY-NAME DIRECTORY
- AUTOMATIC ROUTE SELECTION
- MUSIC ON HOLD
- USER-CONFIGURABLE
- CALL FORWARD
- CALL CASCADE
- CALL DETAIL RECORD LOGGING
- RING GROUPS
- CALL BACK/CALL BRIDGE
- CALL HOLD/PARK/PICKUP
- CALL TRANSFER
- CALL CONFERENCE
- INTERCOM
- PUBLIC ADDRESS
- CALL QUEUE
- MODE SCHEDULING
- HOLIDAY MODE
- CALL SCREENING
- DISTINCTIVE RING
- USES STANDARD AND IP PHONES
- EXPANDABLE
- LAN CAPABILITY
- FLASH UPGRADEABLE
- LOCAL & REMOTE MANAGEMENT
- EXPANDABLE MEMORY
- UNIFORM CALL DISTRIBUTION

TALKSWITCH 484vs

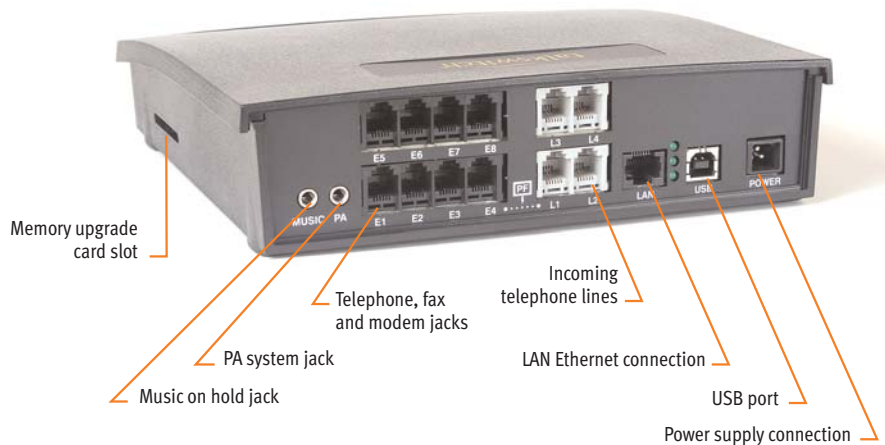
The TalkSwitch 484vs is a hybrid telephone system capable of handling both traditional telephone and Voice over IP calls. Using VoIP allows calls from one location to be routed over the Internet to a VoIP-equipped TalkSwitch (or VoIP gateway) in another location, eliminating long distance charges. The TalkSwitch 484vs also directly integrates with VoIP service provider networks.

TalkSwitch 484vs systems include all the features that we're known for. Voicemail, auto attendants, innovative remote extensions and sophisticated call handling helps businesses look big, reduce communications costs and stay connected everywhere. With standard connections for fast and easy installation and free PC configuration software, TalkSwitch 484vs set-up and changes are a snap.

CAPACITY

- 4 lines in
- 8 analog or IP local extensions
- 10 remote extensions
- 4 VoIP trunks
- 9 auto attendants
- 28 voice mailboxes

CONNECTIONS



Extensions: 8 standard 2-pin RJ-11 ports — TalkSwitch 484vs units support up to 8 standard analog telephones and fax machines or IP telephones.

PA Output: 1/8" mono phone jack to connect the TalkSwitch 484vs to a PA system to announce calls, or to a local speaker to monitor incoming calls and voicemail

Audio Input: 1/8" mono phone jack allows connection of standard audio devices (CD players, radio or PC soundcards) for music or messages on hold. TalkSwitch can also play a .wav file stored on the TalkSwitch.

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

Memory Card Slot: The TalkSwitch 484vs comes with 30 minutes of built-in voicemail and auto attendant memory, which can be upgraded by up to 9 hours. The memory can also be expanded by 1- and 2-hour license codes.

AVAILABLE FROM:

Incoming Lines: 4 standard 2-pin RJ-11 ports; support for Caller ID and distinctive ringing.

USB Port: TalkSwitch 484vs units can optionally be connected to a PC via a USB port for configuration. Ethernet cable and configuration software is included. The system does not need to be connected to a PC to function.

Power Source: 120 VAC, 60 Hz — In. 16 VAC, 1.5 A — Out. AC adapter included.

GROW YOUR OWN WAY

Single and multi-location organizations come in all shapes and sizes and each one has its own unique telephone needs. So we designed TalkSwitch with a smooth evolutionary path that protects your investment. TalkSwitch is made to expand with you as your company grows and changes.

Add lines, extensions, VoIP trunks or all three with TalkSwitch upgrades, or add other TalkSwitch units to your network for increased capacity. TalkSwitch systems can be expanded up to 16 traditional lines, 16 VoIP trunks and 64 local extensions.

FREE SOFTWARE UPDATES. YES, FREE.

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

Warranty: The TalkSwitch 484vs is covered by a limited one-year warranty.

TECHNICAL SPECIFICATIONS

System		Longitudinal balance	69 dB
Analog trunks	4	Signal level	-10 dB
VoIP trunks	4	Distinctive ring supported	Yes
Analog extension interfaces	8	Caller ID support	FSK, all lines
USB interface	1		
LAN interface	RJ-45 Ethernet (10BaseT)	VoIP features	
Memory expansion	1, 2, 4.5 and 9-hour memory cards, 1- or 2-hour license codes	• Embedded SIP server and user agents	
Power-failure line to extension jacks:	Extension 4 connects to Line 1	• Integrated registrar	
		• Can use external SIP servers as required	
		• RTP	
		• G.711 μ -law/A-law, G.726 (32 Kbps), G.729a	
		• G.168 echo cancellation	
		• VAD, silence suppression	
		• Adaptive jitter buffer	
		• Packet loss concealment	
		• Fax tone detection	
		Dimensions (H x W x L)	
		Metric	51.6 mm x 203.2 mm x 213.4 mm
		Imperial	2.03" x 8" x 8.4"
		Weight	
		Metric	0.81 kg
		Imperial	1.77 lbs
Analog extension interface			
Connector type	RJ-11, 2-pin		
Trunk type	Loop start		
Interface impedance	600 ohms		
Loop range	0-600 ohms		
Hook flash supported	Yes		
On-hook voltage	35 volts		
Off-hook loop voltage source	35 volts		
Off-hook loop current	23 mA to 40 mA		
Dial tone level	-2.4 dBm		
Ringing voltage	90 volts RMS		
Ringing frequency	20 Hz – true sine wave		
Total ringing load	5 REN		
Analog trunks			
Connector type	RJ-11, 2-pin		
Trunk type	Loop start		
Interface impedance	Configurable		
	600 ohms, 600 complex		
	900 ohms, 900 complex		
	3,900 ohms		
Ringing impedance			
Ringing sensitivity	45 volts RMS @ 20 Hz		
REN	0.7B		

About TalkSwitch

TalkSwitch® designs and develops award-winning phone systems for small, multi-location and franchise businesses. Since its establishment in 1990, TalkSwitch has dedicated itself to developing PBXs and IP PBXs that tens of thousands of small businesses across North America rely on. With a growing global network of resellers, distributors and partners, TalkSwitch phones and phone systems are changing the way small businesses communicate.

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ANSWERS WITH INTELLIGENCE

Regulatory Approvals



ACTA TIA/EIA/IS-968A and FCC Part 68
Industry Canada CS-03
FCC Part 15B, Industry Canada ICES-003
Power adapter complies with UL and CSA