

TALKSWITCH TELEPHONE SYSTEMS

**TALKSWITCH 280vs**

Flexible, powerful and ready to expand with your business, this is the full-featured, all-in-one telephone system for growing offices.

- 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
- UPGRADEABLE
- LOCAL & REMOTE MANAGEMENT
- EXPANDABLE MEMORY
- UNIFORM CALL DISTRIBUTION

**TALKSWITCH 280vs**

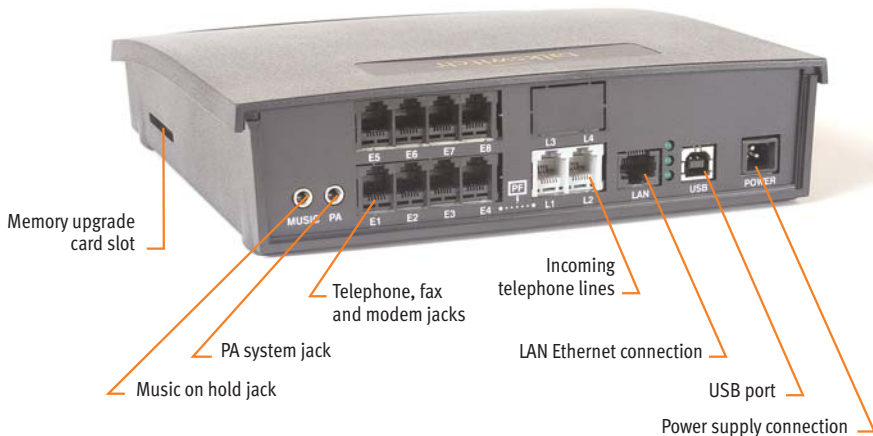
The TalkSwitch 280vs is a compact, all-in-one telephone system that puts the rich features of PBX systems into the reach of small businesses. Its built-in voicemail, multi-level auto attendants, innovative remote extensions and sophisticated call handling features help businesses look big, reduce communications costs and stay connected everywhere. With standard connections for fast and easy installation and free PC configuration software, TalkSwitch 280vs system set up and changes are a snap. The system is designed for easy growth and is upgradeable to include Voice over IP capabilities.

**CAPACITY**

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

Like all TalkSwitch systems, the TalkSwitch 280vs is ready to grow. It comes with capacity for **2 traditional telephone lines** and **8 local extensions**, but you can increase capacity any time by networking it with other TalkSwitch units (including the 48-CA, 48-CVA and any VS units). The maximum capacity of TalkSwitch systems is **14 traditional phone lines, 16 VoIP trunks** and **32 local and 40 remote extensions**.

**CONNECTIONS**



**Extensions:** 8 standard 2-pin RJ-11 ports — TalkSwitch 280vs 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 280vs 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. Can also play a .wav file stored on the TalkSwitch.

**Ethernet Connection:** RJ-45 10BaseT Ethernet connection for LAN networking and management.

Available From:

Power Systems  
877-774-1521  
www.powersystemsdirect.com  
Platinum Talkswitch Megastore

**Memory Card Slot:** The TalkSwitch 280vs has 30 minutes of built-in voicemail and auto attendant memory, which can be upgraded by up to 9 hours.

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

**USB Port:** TalkSwitch 280vs 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**

TalkSwitch is designed to provide a smooth evolutionary path that protects your investment and meets your needs for future growth. Up to 4 TalkSwitch 280vs units can be networked on a single LAN, meaning your telephone system is ready to grow when you are.

The 280vs can be upgraded to VoIP at any time by adding a module that provides 4 VoIP trunks for interconnecting locations or connecting to VoIP service providers.

**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 280vs is covered by a limited one-year warranty.


**TECHNICAL SPECIFICATIONS**

<b>System</b>		<b>Analog trunks</b>	
Analog trunks	2	Connector type	RJ-11, 2-pin
Analog extension interfaces	8	Trunk type	Loop start
USB interface	1	Interface impedance	Configurable
LAN interface	RJ-45 Ethernet (10BaseT)		600 ohms, 600 complex
Memory expansion	1, 2, 4.5 and 9 hour memory cards		900 ohms, 900 complex
Power-failure line to extension jacks:	Extension 4 connects to Line 1	Ringing impedance	3,900 ohms
		Ringing sensitivity	45 volts RMS @ 20 Hz
		REN	0.7B
		Longitudinal balance	69 dB
		Signal level	-10 dB
		Distinctive ring supported	Yes
		Caller ID support	FSK, all lines
<b>Analog extension interface</b>		<b>Dimensions (H x W x L)</b>	
Connector type	RJ-11, 2-pin	Metric	51.6 mm x 203.2 mm x 213.4 mm
Trunk type	Loop start	Imperial	2.03" x 8" x 8.4"
Interface impedance	600 ohms		
Loop range	0-600 ohms	<b>Weight</b>	
Hook flash supported	Yes	Metric	0.72 kg
On-hook voltage	35 volts	Imperial	1.58 lbs
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		

**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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**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