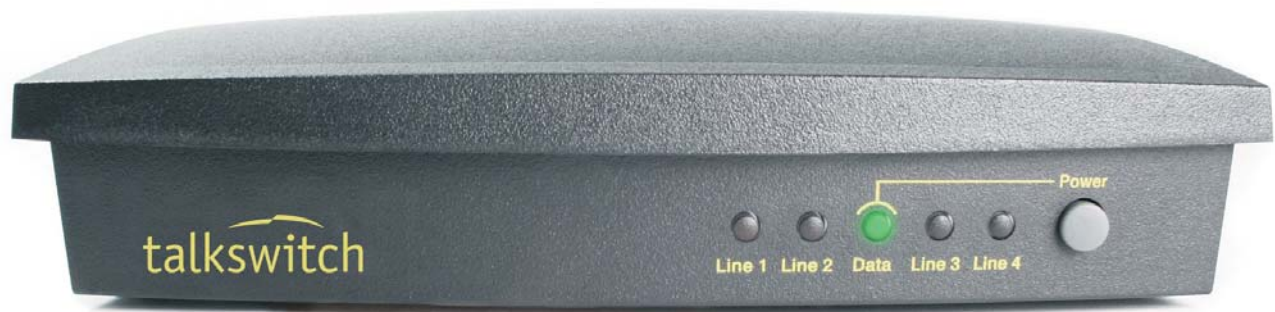


the **owner friendly**[®] telephone system for **small business**

talkswitch[®]
a division of **FORTINET**



“TalkSwitch exceeded our needs on all counts.”

John Roberge, TalkSwitch customer

Read more customer reviews at www.talkswitch.com

TalkSwitch[®] telephone systems help small businesses improve image, control costs and stay connected anywhere.

Automatically answer all calls professionally, 24 hours a day, and let callers make selections to reach employees or departments.

Play **music on hold** or your advertising while callers wait.

Get **voicemail in your e-mail**.

Integrate cell phones, home phones and phones in other locations, so that callers dial one number and connect with any employee, anywhere.

Seamlessly **connect multiple locations**, around the block or across the country.

Line callers up in **department-specific hold queues** that agents can answer first-come, first-served.

Use **VoIP or traditional** telephone lines. Or both!

Free technical support.

And much, much more.

Features: everything you need to do anything you want is built in to every TalkSwitch system.

Auto attendants
Voicemail
Voicemail to e-mail
Remote extensions
Dial-by-name directory
Music on hold
Call forward
Call cascade
Ring groups

Call back/call bridge
Call hold/park/pickup
Call transfer
Call conference
Intercom
Public address
Paging to select phones
Click-to-dial from Outlook
Call queue

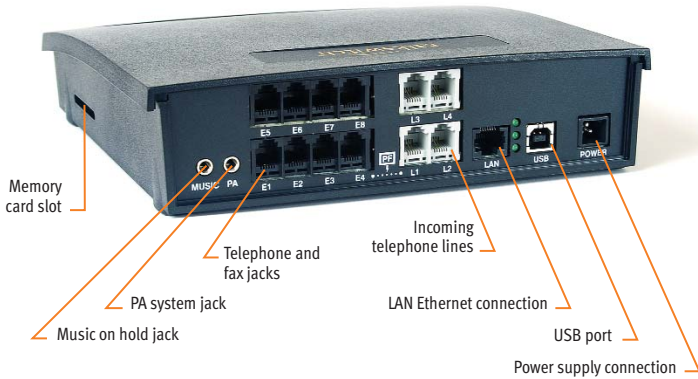
Auto fax detection
Mode scheduling
Call screening
Distinctive ring
Automatic route selection
Toll restriction
Call detail record logging
Local & remote management

System speed dials
Caller-ID-based routing
Automatic hotline calling
Cell/pager/e-mail message notification
Multilingual prompts and software
Line appearance (TalkSwitch IP phones)

Every TalkSwitch system comes with free Windows-based management software, free software upgrades and free technical support.



TalkSwitch 480vs



Music on hold jack: 1/8" mono jack to connect audio devices (CD players, radio or PC soundcards) for music or messages on hold. TalkSwitch can also play .wav files stored on the system.

PA system jack: 1/8" mono jack to connect a PA system to announce calls, or to a speaker to monitor incoming calls and voicemail.

Analog jacks: Standard 2-pin RJ-11 ports. TalkSwitch units support 4 or 8 analog phones or fax machines.

Incoming telephone lines: Standard 2-pin RJ-11 ports. TalkSwitch units support 2, 4 or 8 incoming lines, with support for Caller ID and distinctive ringing.

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

USB port: supported for legacy releases.

Power source: 120 VAC, 60 Hz — In. 16 VAC, 2.0 A — Out. AC adapter included.

Connections

Memory card slot: Each unit has 2 hours of built-in memory, which can be upgraded with optional memory cards.

TalkSwitch units	240vs	248vs	480vs	488vs	840vs	848vs	Maximum ¹
Extension capacity ²	16/24*		24				64
Traditional telephone lines	2		4		8		32
VoIP lines	0	8	0	8	0	8	32
Remote extensions	10/16*		16				64
Auto attendants	9/20*		20				20
Voice mailboxes	36/50*		50				160
Voicemail broadcast groups	*		10				10
Memory capacity	2 hours, upgradeable to 6.5 hours						26 hours

1: Up to 4 TalkSwitch units can be networked on a LAN, combining line and extension capacity to these maximums.

2: Analog phones can be used for up to 4 or 8 of the extensions on each unit. The number of analog phones is based on the number of analog ports, which is indicated by the middle digit of the name. For example, a TalkSwitch 488vs has 8 analog ports.

* Available with the TalkSwitch PowerPack upgrade.

Technical specifications

System

Power-failure line to extension jacks E4 port to L1 port

Analog extension interface

Trunk type Loop start
Interface impedance 600 ohms
Loop range 0–600 ohms
Total ringing load 5 REN

Analog trunks

Trunk type Loop start
Interface impedance Supports 600 ohms, 600 complex/
900 ohms, 900 complex
Distinctive ring supported Yes
Caller ID support FSK, all lines

VoIP features (VoIP-enabled units)

- Embedded SIP server and clients
- Up to 96 DIDs
- Up to 4 service providers
- Integrated registrar
- Can use external SIP servers as required
- RTP
- Fax tone detection
- 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

Dimensions (H x W x L)

2.03" x 8" x 8.4"/51 mm x 203 mm x 213 mm

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

About TalkSwitch

TalkSwitch®, a division of Fortinet®, is a leading developer of owner-friendly® phone systems for small and multi-location businesses. TalkSwitch has sold over 100,000 products that small businesses rely on every day. With a growing global network of resellers, distributors and partners, TalkSwitch is changing the way small businesses communicate. TalkSwitch is a division of Fortinet, a worldwide provider of network security appliances and the market leader in unified threat management (UTM).

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