talkswitch®

ANSWERS WITH INTELLIGENCE

Big phone power, built for small business

Each TalkSwitch® system comes complete with sophisticated call handling features that help you look big, reduce communications costs and stay connected everywhere. Multi-level auto attendants, built-in voicemail, innovative remote extensions and more are included. But sophisticated doesn't mean complicated; TalkSwitch is a snap to set up and use.

Grow your own way

From 2 to 64 users per location, there's a TalkSwitch system to fit every small business. TalkSwitch units come in different sizes with hybrid connections, so you can choose the way you communicate. You pick your own mix of networks (traditional and/or VoIP) and phones (analog and/or IP).

	Phone Lines	Analog/ IP Extensions	Pure IP Extensions	VoIP Trunks
200 series				
240vs	2	4	12	0
244vs	2	4	12	4
248vs	2	4	12	8
280vs	2	8	8	0
284vs	2	8	8	4
288vs	2	8	8	8
400 series				
480vs	4	8	8	0
484vs	4	8	8	4
488vs	4	8	8	8
800 series				
840vs	8	4	12	0
844vs	8	4	12	4
848vs	8	4	12	8

Up to four TalkSwitch units can be networked together on your LAN for a maximum capacity of 32 phone lines, 64 extensions and 32 VoIP trunks. You can start with what you need today, and add capacity as you grow.

Each TalkSwitch unit includes 10 remote extensions, for a maximum of 40 in a networked system. Each unit also includes a voice mailbox for each local and remote extension, plus 10 general-use mailboxes.
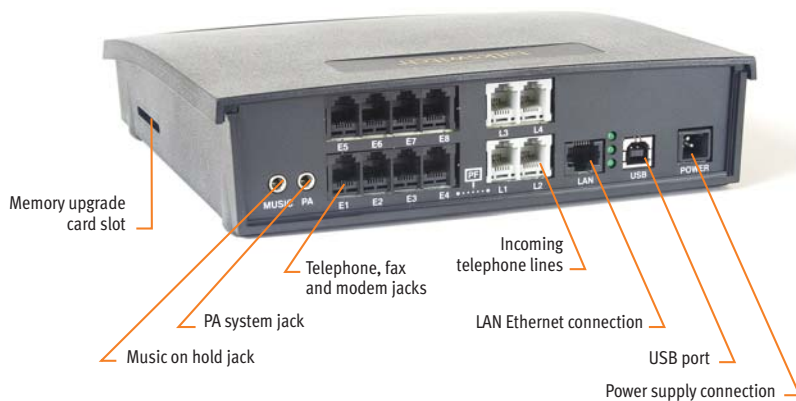
TalkSwitch systems have 9 auto attendants, so you can offer multiple options for your callers. The number of auto attendants is global; it does not increase in networked systems.

Free software updates. Yes, free.

TalkSwitch comes with free user-friendly configuration software, so you can set your system to work the way you want it to. Plus, we're continually adding features and functionality to our software, and we don't charge for updates.

Warranty

The TalkSwitch is covered by a limited one-year warranty. Extended warranties are also available in the United States and Canada.

Memory upgrade card slot

Telephone, fax and modem jacks

PA system jack

Music on hold jack

Incoming telephone lines

LAN Ethernet connection

USB port

Power supply connection

Connections

Analog Extensions: Standard 2-pin RJ-11 ports. Each TalkSwitch® unit supports 4 or 8 analog phones or fax machines.

PA Output: 1/8" mono phone jack to connect TalkSwitch 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 system.

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

Memory Card Slot: Each TalkSwitch has 2 hours of built-in voicemail and auto attendant memory, which can be upgraded by up to 9 hours with optional memory cards.

Incoming Telephone Lines: Standard 2-pin RJ-11 ports; support for Caller ID and distinctive ringing. Each TalkSwitch unit can support 2, 4 or 8 incoming lines.

USB Port: Optionally connect to a PC via a USB port for configuration. Ethernet cable and software included. The system does not need to be connected to a PC to function.

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

Technical specifications

System

LAN interface	RJ-45 Ethernet (10BaseT)
Memory expansion	1, 2, 4.5 and 9-hour memory cards
Power-failure line to extension jacks:	Extension 4 connects to Line 1

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 – 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
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

VoIP features

- Embedded SIP server and user agents
- 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

Rev. 7/27/2010

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