

HAL

Voice Controlled Digital Home Systems Integration Software

**Voice Controlled
Home Automation**

The first complete Home
Automation Software for
Windows® 98/Me/2000/XP



Control
Your
by **VOICE**
from **Anywhere.**



**"Read my E-mail
messages."**



**"Turn on front
porch lights."**



**"What's on NBC
at 10pm?"**



**"Tomorrow at
7am turn on the
coffee maker."**

HAL Automates the Internet ...

- Goes to the Internet at user-defined intervals to retrieve E-mail, News Headlines, Sports Scores, Traffic Reports, TV Listings, Stock Quotes, and Weather. Information is cached and read back to the user upon request.

HAL Controls the Systems of the House ...

- **Security:** activate/deactivate/notify
- **Lights:** on/off/dim
- **Climate:** heating/cooling/fan
- **Home Theater:** TV on/off, volume, channel; VCR on/off, channel, record; Stereo on/off, volume, source, station; Satellite on/off, channel
- **Telephone:** voice mailboxes, caller-specific greeting, Caller ID, etc.

HAL Manages the Whole House by Remote ...

- Tell HAL to schedule your lights/devices to be on/off as you desire.
- Use your cell phone to tell HAL to light the house before you return.
- Use the power of house modes and scenes to control many devices with a single command.

HAL Automates Your Life ...

- Let HAL keep your shopping list – add items by voice – print or retrieve remotely by phone.
- HAL will remind you by voice, E-mail, or pager of home events, important meetings, dates, anniversaries, birthdays, etc.

**HAL Operates all the Systems of
the Home ...**

- HAL is the operating system for home peripherals just as Windows® is the operating system for computer peripherals.

HAL's Flexible ...

- Controlled by voice, schedule, sensor, or manually from the computer.



HAL Operates X-10, IR, RF and many Custom Interfaces

Feature Description by Product

	HALbasic	HALdeluxe	HAL2000
Interactive Voice Control Services			
Attention Words	1	1	1
Microphone or Microphone Network	•	•	•
Telephone Interaction			
House Phones	•	•	•
Remote Phones	•	•	•
Text-to-Speech Output			
Concatenated Speech Output			Y
Number of Synthetic Speech Voices Available	2	2	2
Adjustable Voice Capability (rate, pitch, volume)	•	•	•
WAV File Audio Output	•	•	•
Telephony Services			
Incoming Lines Supported (hardware dependent)	1	1	1
Personalized Voice Mailboxes	1	10	10
Message Notification and Forwarding	•	•	•
Caller ID Features			
§ Caller-Specific Greetings	•	•	•
§ Incoming Call Announcement	•	•	•
§ HAL Directory Lookup	•	•	•
Paging		•	•
Personal Information Services			
Address Book/Directory Information	10	•	•
Notifications			
via Speakers	•	•	•
via E-mail	•	•	•
via Pager	•	•	•
via Mobile Phone (with E-mail messaging)	•	•	•
Microsoft® Outlook™ Integration			
Reminders			
Shopping List			
Internet Services			
America Online Support ∞	•	•	•
E-mail Notification	•	•	•
E-mail Reading ∞	•	•	•
News	•	•	•
Sports	•	•	•
Stocks	5	40	40
Traffic	•	•	•
TV Listings	•	•	•
Weather	•	•	•
Automation and Control Services			
Devices	8	•	•
Flags and Timers		•	•
Grouped Tasks (Macros)	8	•	•
House Modes	8	•	•
If/Then Situations (Rules)	1	•	•
Room Scenes	8	•	•
Scheduled Events	4	•	•
Sensors - X-10	1	•	•
Sensors - Analog/Digital		•	•
Sunrise/Sunset-Based Events		•	•
Home Systems Compatibility			
Lighting and Electrical Devices			
Appliance Control	•	•	•
Support of all 256 X-10 Codes	•	•	•
Dim Control of Lights	•	•	•
† Preset Dim Commands	•	•	•
† Extended Data Commands	•	•	•
† Two-Way X-10 Capable	•	•	•
† Heating, Ventilating, and Air Conditioning (HVAC)			
Zones Supported			16
Heat Pump Recovery Mode			Y
† Home Theatre (Infrared)			
† Custom Systems			
Analog Input	•	•	•
Digital Input	•	•	•
Digital/Relay Output	•	•	•
† On-Screen Displays			
Caller ID, Date, and Time Information Displayed			Y
‡ Current Weather Condition Information Displayed			Y
User Configurable Information Display			Y
Security			
† Zone Control	•	•	•
† Mode Control	•	•	•
Weather Station Integration	•	•	•

§ Requires Caller ID on the phone line
 Y Future release feature-not initially available
 ∞ AOL E-mail not supported

† Feature support dependent on hardware capability
 ‡ Requires integration with compatible weather station

Internet

HAL goes out to the Net as often as you want to bring back E-mail, News Headlines, Weather, TV Listings, Stock Quotes, Sports Scores and Traffic. Retrieve all by voice.

More Great Software by



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System Requirements

- Windows® 98/Me/2000/XP
- 266MHz or faster processor
- 64 MB RAM
- 40 MB free disk space
- HAL Voice Portal modem
- Multimedia PC
- Phone line and Internet Service Provider (required for some features)

HALbasic HALdeluxe HAL2000

Interfaces*

- Any device connected to an X-10 module
- HAL 11A, CM11A, or comparable model
- Applied Digital Ocelot, CPU-XA, ADICON series
- CSI HomeVision, HomeVision-PC
- Davis Instruments WeatherLink
- Enerzone StatNet Communicating Thermostats
- HAI Omni, OmniLT & OmniPro Systems and RC-series Thermostats
- HomeBase, HomeBase Pro, HomeBase Deluxe
- HSP Aegis System and Thermostats
- JDS Infrared Xpander
- JDS TimeCommander, TimeCommander-Plus, Stargate
- NAPCO Gemini 9600 Security System
- OnQ HMS 925 and 1050 Systems and Thermostats
- RCS TX15-B Thermostat
- Smart Homes Combo2 Interface
- X-10 Pro PDT20 Thermostat
- X-10 Pro PHC10 and PHC10D Controllers

*Some interfaces require a serial port adapter which may not be included with the device



Setup

Easy screen access to all aspects of your HAL home control system.

Phone Pad

HAL delivers full telephone management including Caller ID, Voice Mailboxes with Caller Specific Greeting, Call Log, Speakerphone and much more.

Your Authorized Home Automated Living Dealer Is: