

# 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
<b>Interactive Voice Control Services</b>			
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	•	•	•
<b>Telephony Services</b>			
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	•	•	•
<b>Personal Information Services</b>			
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			
<b>Internet Services</b>			
America Online Support ∞	•	•	•
E-mail Notification	•	•	•
E-mail Reading ∞	•	•	•
News	•	•	•
Sports	•	•	•
Stocks	5	40	40
Traffic	•	•	•
TV Listings	•	•	•
Weather	•	•	•
<b>Automation and Control Services</b>			
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			
<b>Home Systems Compatibility</b>			
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	•	•	•
‡ Current Weather Condition Information Displayed	•	•	•
User Configurable Information Display	•	•	•
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: