HomeIT Platform

HomeIT Platform

STB-6610S

- Digital Video Platform
- DVD VCD DVCR
- Analog Video Platform
- VCR Camera
- TV RF Platform NTSC/PAL
- Internet Platform
- Home Computer Platform

Feature Connector

Tvia

HomeIT Platform

HITP-1000

- CRT Display Platform — CRT Monitor
- TV Display Platform — TV (PAL, NTSC, SCART)
- Audio MIC in Platform — Microphone
- Audio Line in Platform — Line In
- Audio Out Platform — Headphone
- Speaker

HomeIT Platform

DVD
VCD
DVCR

Feature Connector

Digital Video Stream

VCR.
Camera

Analog video stream

Network Resister

7114

Tuner Video stream

RF signal

Tuner

IF

Mono

MSP

I²S

analog audio

AC97

SDRAM 2MB

4MB

CRT Monitor

Tvia

CyberPro 50xx

TV
(PAL, NTSC, SCART)

Microphone

Line In

Headphone

Speaker

HomeIT Platform STB-6610S

SYSTEM BLOCK DIAGRAM

VRM
SC1164

MENDOCINO PPGA SOCKET 370
FSB : 66/100/133 MHZ

Clock Generator
ICS 9248-39

TV TUNER BOX

ADDR CTRL DATA

Term

ADDR CTRL DATA

VIDEO DECODER
SAA7114H

SOUND PROSESSOR
MS34X5G

Apollo Pro133 North Bridge
VT82C693A

1 DIMM Modules
DIMM 0

Graphics
TVia (IGS)
CyberPro 50xx

PCI BUS

PCI CONN 1

PCI CONN 2

IDE Primary
IDE Secondary

UltraDMA 33/66

South Bridge
VT82C686A/B

PCI LAN CONTROLLER
RTL8139C

USB Port 1/2
USB Port 3/4

USB

Infrared Port

KEYBOARD
MOUSE

FLOPPY

Serial 1

Game Conn

AC97 CODEC
VIA/AD

BIOS ROM
W49F020

Specifications

HomeIT Platform Functions

- **CPU:**
  PentiumIII®Coppermine ™/Celeron ™
  supported (With system bus frequencies
  of 66/100/133MHz).

- **Chipset:**
  VIA Apollo Pro133

- **Memory:**
  Onboard one 168-pin DIMM socket
  supports up to 512 Mbytes SDRAM.

- **Enhanced IDE:**
  Support up to four IDE devices. Supports
  Ultra DMA 33/66/100 mode with data
  transfer rate.

- **FDD interface:**
  Supports up to two floppy disk drives,
  5.25" (360KB and 1.2MB) and /or 3.5"
  (720KB, 1.44MB, and 2.88MB).

- **Parallel port:**
  One parallel connector. Supports SPP, ECP
  and EPP modes.

- **Serial ports:**
  Two RS-232 serial connector. Ports can be
  configured as COM1, COM2 or disabled
  individually.

- **IR interface:**
  Supports one IrDA Tx/Rx header.

- **Keyboard/mouse connector:**
  Supports PS2 keyboard and PS/2 mouse.
  Supports Wireless PS2 keyboard and PS/2
  mouse Pin Header

- **USB ports:**
  Supports dual USB port connector.
  5 x 2 header supports dual USB ports.

- **AUDIO Interface:**
  Integrated high-fidelity AC' 97 CODEC.
  18-bit stereo full duplex ÓÄcode,3D stereo
  expansion for simulated surround.
  Supports PC games and applications for
  SoundBlaster and SoundBlasterPro.

Supports Microsoft Windows SoundSystem
Internal MIC-in, Line-in and Speaker-out
interface reserved.
Full-duplex Operation for simultaneous
record and playback.

- **GAME/MIDI port:**
  Support one game/midi connector.

- **PCI slot:**
  Two 32-bit PCI slot onboard.

SSD Interface :

One 32-pin DIP socket supports M-systems
DiskOnChip 2000 Series up to 288MB.

LAN Interface :

LAN Interface
Supports one 100Base-T RJ-45 connector.

Graphics/Video Interface :

TVia CyberPro 50xx Streaming Media
Processors
Large write buffer allows sustained
zero-wait-state bursts.
Support CRT connector.
Supports AV/S port for output TV.
Supports AV/S port for input video.
TV Encoder NTSC/PAL. NTSC
(640x480/720x480/800x600(option)
@60Hz), PAL (800x600/720x540/640x480
@50Hz).
Alpha Blending, Hardware alpha blending
of multiple video and graphics.
Two Simultaneous video ports, video
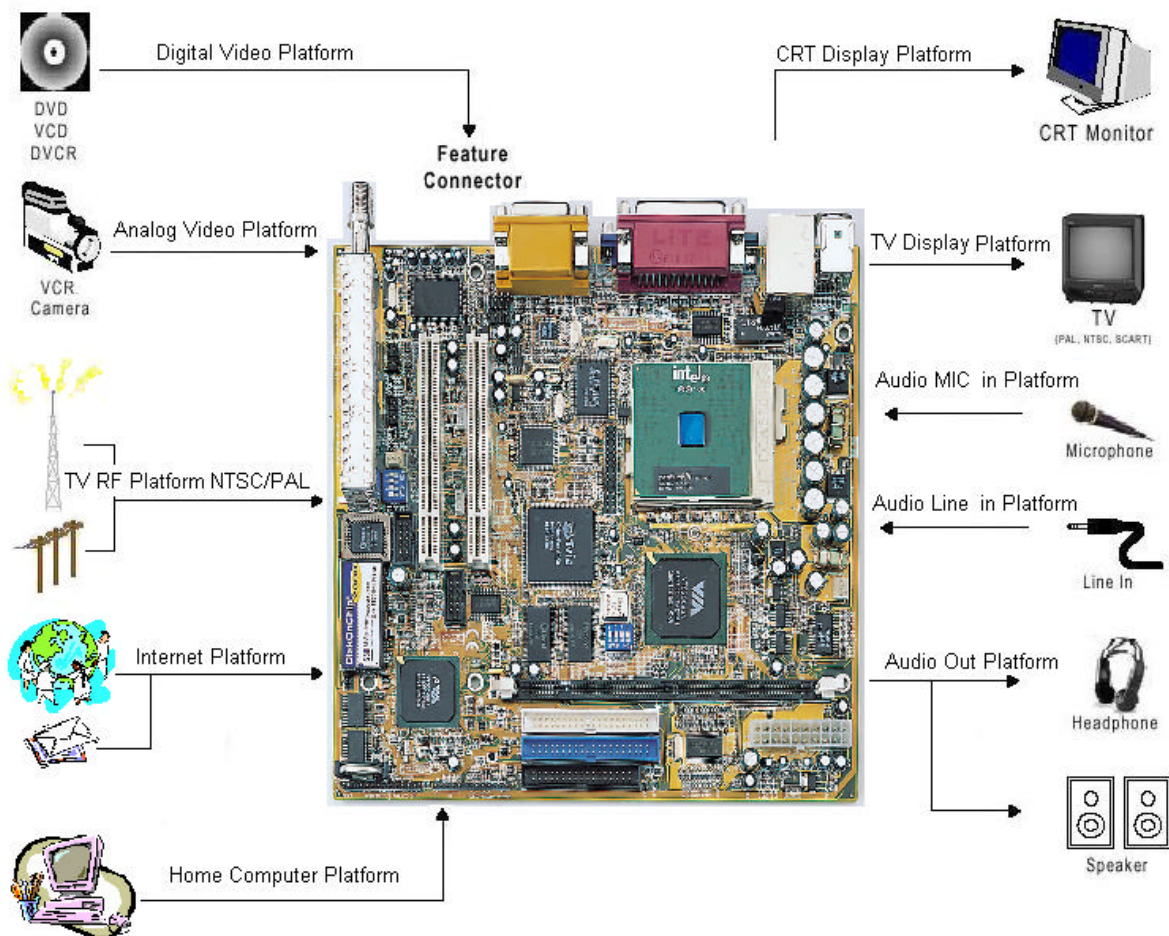capture, scaling, and VideoDirect™
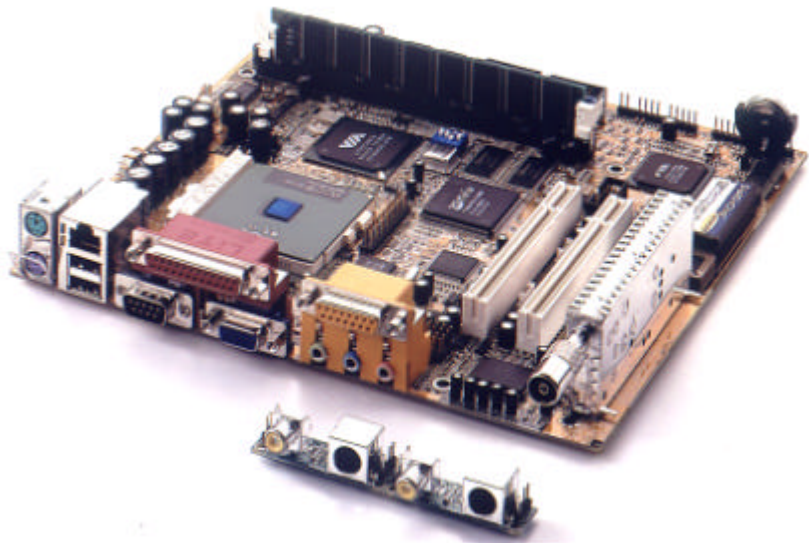VBI data pass through for Interacts.
Video Windows and Video Display,
Three video windows plus PIP.

Software Support and Driver Utility-CD disk

- • Microsoft Windows and AP demo:
- • Linux and AP demo:
- • Driver and Utility:
- • Data sheet and Program guide:

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Home Computer Platform

STB-6610S (HomeIT platform)

BOX FUNCTION

HomeIT Platform AP Function

Language Setup Select:

1. Enter number [(9]   2. Enter number [^ 6]
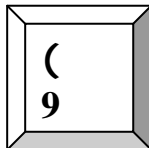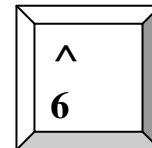
3. Three Point Select

( )Regular Chinese   ( )Sample Chinese   (O)English

Enter [# 3]
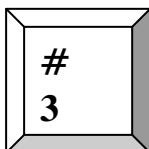
4. Push the OK button
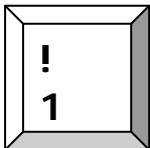
HomeIT Platform AP Function

Web Review (Phoenix Web)

Enter the right key "Alt" to exit

HomeIT Platform AP Function

E-mail

Enter "Ctrl" + "Q" to exit

HomeIT Platform AP Function

HomeIT Platform AP Function

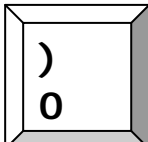## Remote Training
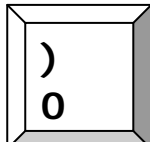

Enter "Ctrl" + "Q" to exit

HomeIT Platform AP Function
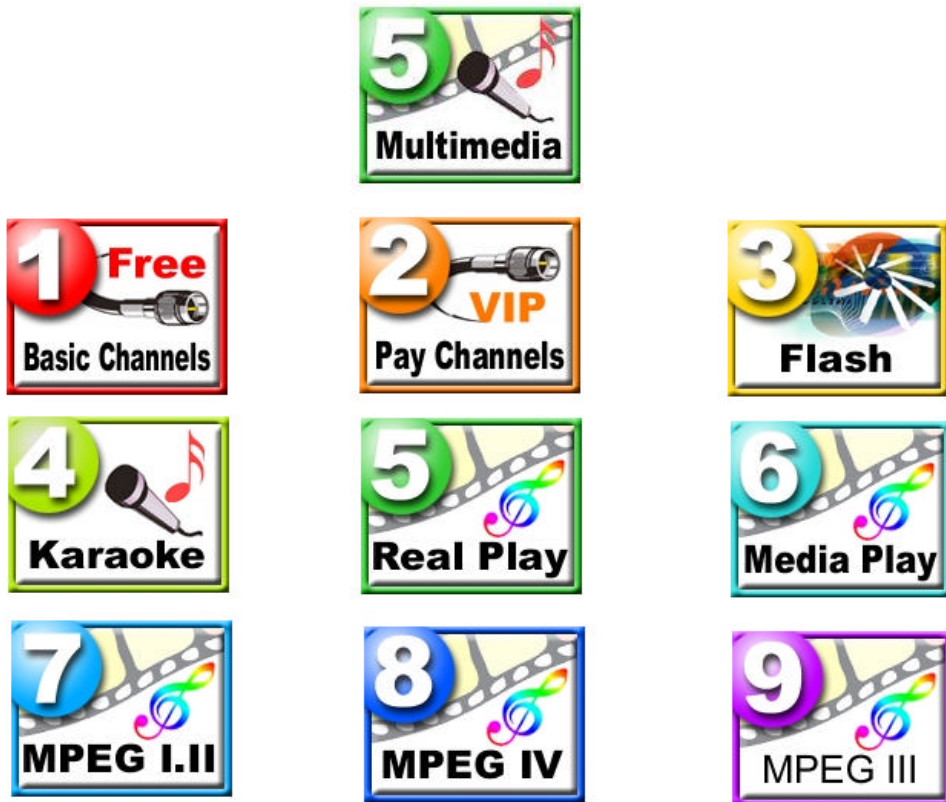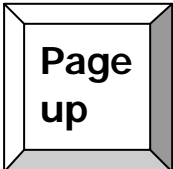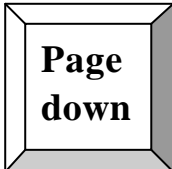
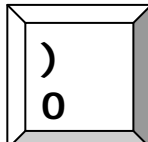**Multimedia (Video Only On TV Display)**

You can find Alpha Blending Function on TV screen

Enter | ! 1 | to into TV Channels

Enter | Page up | | Page down | to select TV Frequency Channel

Or Enter the TV Frequency Channel number

Enter Number |) 0 | |) 0 | |) 0 | to exit

HomeIT Platform AP Function

Home Theater (Video Only On TV Display)

Enter　　　　　　　to into DVD Player

%
5   Play DVD

&
7   Confirm to play

^
6   High-Speed

#
3   Loud Sound

!
1   Quiet Sound

***
8   Next

$
4   Rewind

@
2   Last

(
9   Open/Close
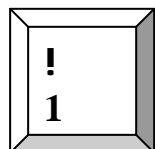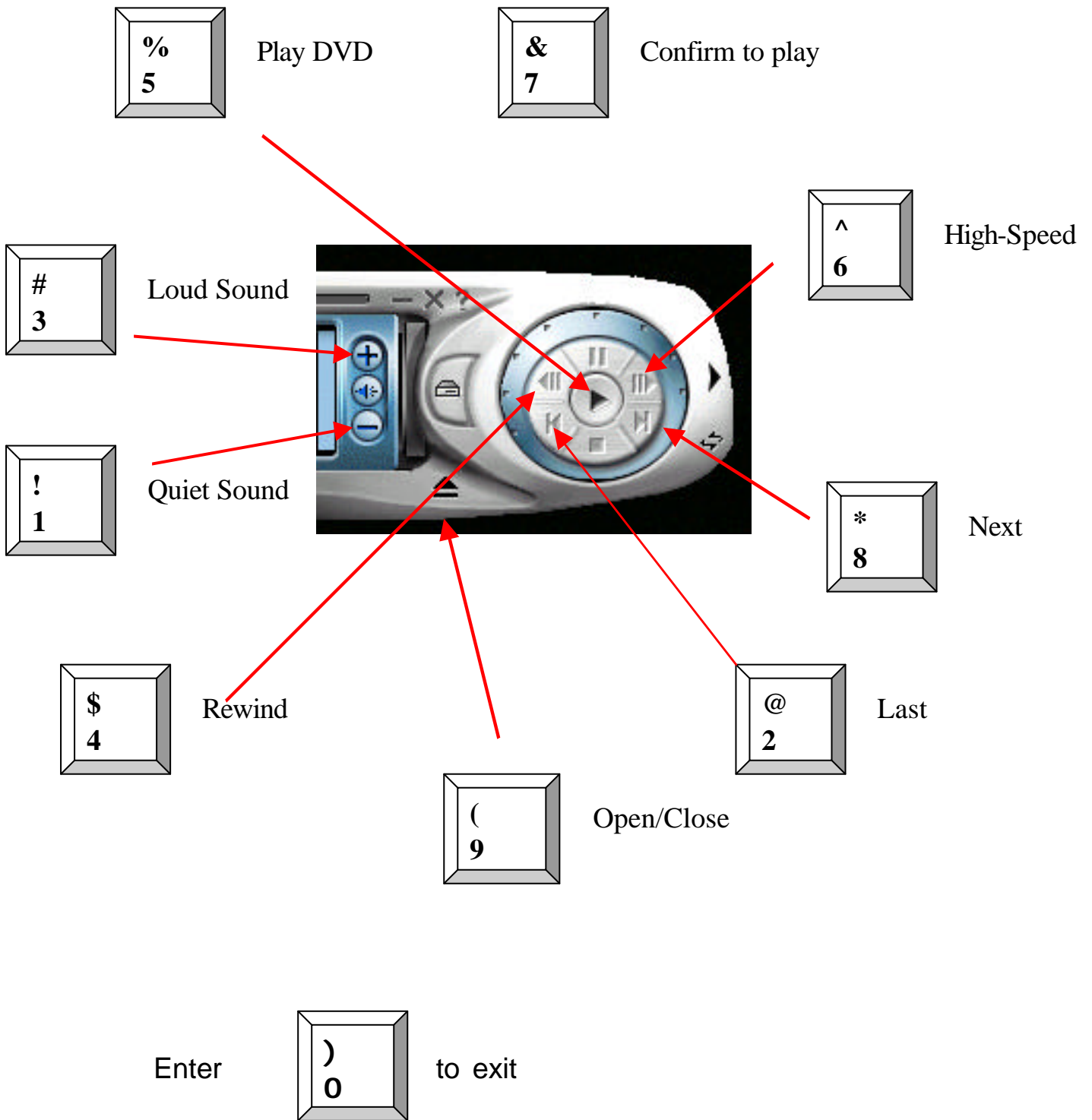
Enter   **)**
0   to exit

HomeIT Platform AP Function

Fashion

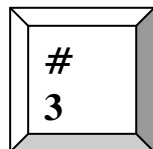Enter "Ctrl" + "Q" to exit

HomeIT Platform AP Function

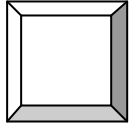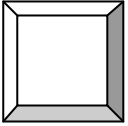**Stock Market (Video Only On TV Display)**

Enter   [# 3]   to into " Hang Seng Index A "

You will find the PIP and Alpha Blending Function
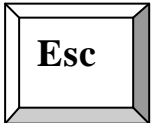
Hang Seng Index A

Enter ☐ ☐ select item

Select item "3." Enter

Select item "1" Enter

Select item "2" Enter

Select item "2" Enter

Enter **Esc** to back

Select Item "9" Enter to exit

HomeIT Platform AP Function

Enjoy Life

Enter "Ctrl" + "Q" to exit