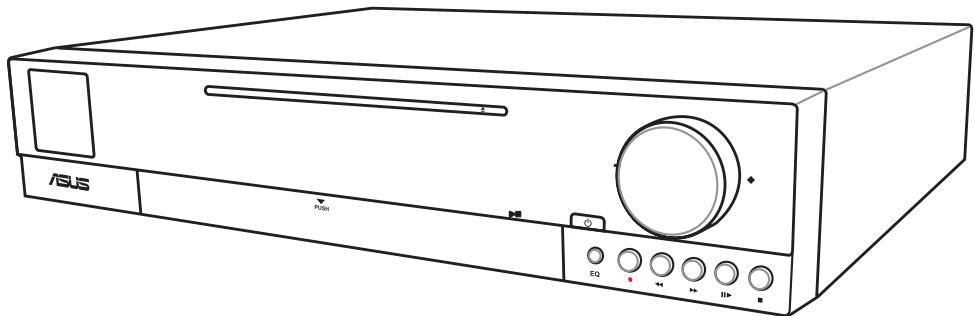


ASUS DAV Center

User Manual



A33/A31/A33L/A31L

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Safety information

Your ASUS DAV Center A33/A31/A33L/A31L is designed and tested to meet the latest safety standards for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

Setting up your system

- Read and follow all the instructions in the documentation before operating your DAV Center.
- Do not use this product near water or a heated source such as a radiator.
- Set up the system on a stable surface.
- Openings on the chassis are for ventilation. Do not block or cover these openings. Make sure you leave plenty of space, 15 cm (6 inches) at least, around the system for ventilation. Never insert objects of any kind into these openings.
- If you use an extension cord, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed its ampere rating.
- Since your DAV Center is connected to a TV tuner, cable, or satellite receiver, make sure that the antenna or cable system is electrically grounded to provide protection against voltage surges and static electricity.

Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill water or any other liquids on your DAV Center.
- When the DAV Center is turned off, a small amount of electrical current still flows. Always unplug all power, modem, and network cables from the power outlets before cleaning the system.
- If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
 - The power cord or plug is damaged.
 - Liquid has been spilled into the system.
 - The system does not function properly even if you follow the operating instructions.
 - The system was dropped or the cabinet is damaged.
 - The system performance changes.

Note to CATV System Installer

This reminder is provided to call the CATV systems installer's attention to section 820-93 of the National Electric Code, which provides guidelines for proper grounding and in particular, specifies that the coaxial cable shield shall be connected to the grounding system of the building, as close to the point of cable entry as possible.

Lithium-Ion Battery Warning

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

CD-ROM Drive Safety WARNING

CLASS 1 LASER PRODUCT

Macrovision Corporation Product Notice

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only **unless otherwise authorized by Macrovision Corporation**. Reverse engineering or disassembly is prohibited.

Notes for this manual

To make sure that you perform certain tasks properly, take note of the following symbols used throughout this manual.



WARNING: Vital information that you MUST follow to prevent injury to yourself.



IMPORTANT: Instructions that you MUST follow to complete a task.



TIP: Tips and useful information that help you complete a task.

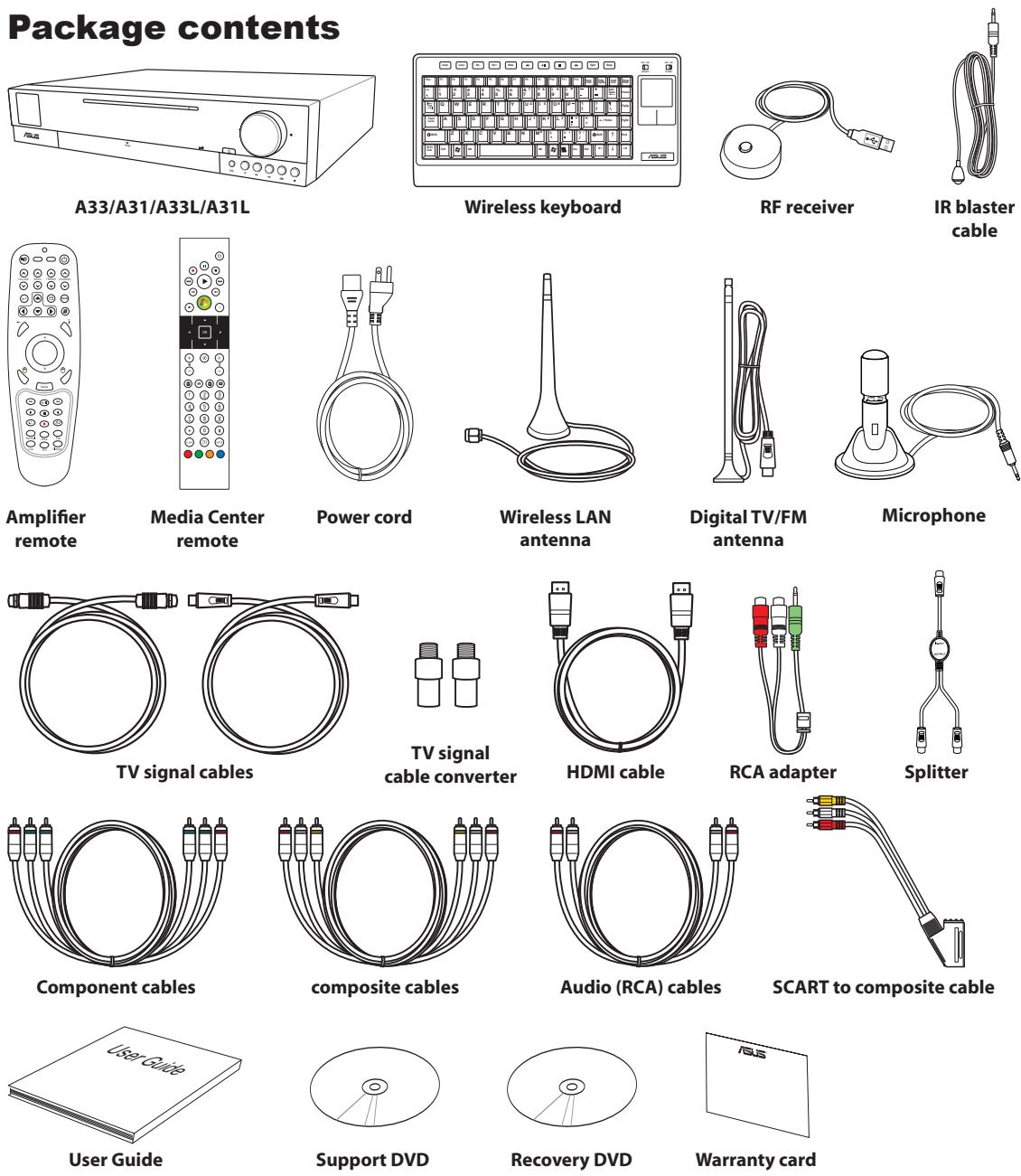


NOTE: Additional information for special situations.

Welcome

Congratulations on your purchase of the ASUS DAV Center A33/A31/A33L/A31L. The following illustration displays the package contents of your new ASUS DAV Center. Contact your retailer if any item is damaged or missing.

Package contents



Overview

The ASUS DAV Center features rich entertainment and powerful computing capabilities. You can either run the Windows® Media Center with other programs or enjoy it in full-screen mode. With the Media Center remote, you can watch and record TV programs, play videos as well as music, and view pictures. You can also adjust the audio effects like bass, treble, and EQs using the amplifier remote. The wireless keyboard with touchpad and the trackball on the amplifier remote further facilitate your control of the DAV Center.

Features

- AV Entertainment
 - High Definition video/audio support
 - Class D amplifier with 5.1 channel
 - Analog and Digital TV signal capability
 - Watching and recording live TV programs with the Time Shift function
 - Playing DVDs and home videos
 - Listening to music files
 - Viewing and editing pictures
- Connectivity
 - HDMI
 - Component
 - Composite Video
 - S-Video
 - SCART (with adapter)
 - 5.1 channel amplifier (Y cable):for A33/A31 models only
 - Stereo: In & Out
 - SPDIF: In & Out
 - USB
 - IEEE 1394: 4-pin & 6-pin
 - WiFi
 - Bluetooth:for A33/A33L models only
 - Multi card reader

Getting started

Preparing your DAV Center setup

Before you start setting up your ASUS DAV Center, make sure that all of the following connections are available.

Internet connection

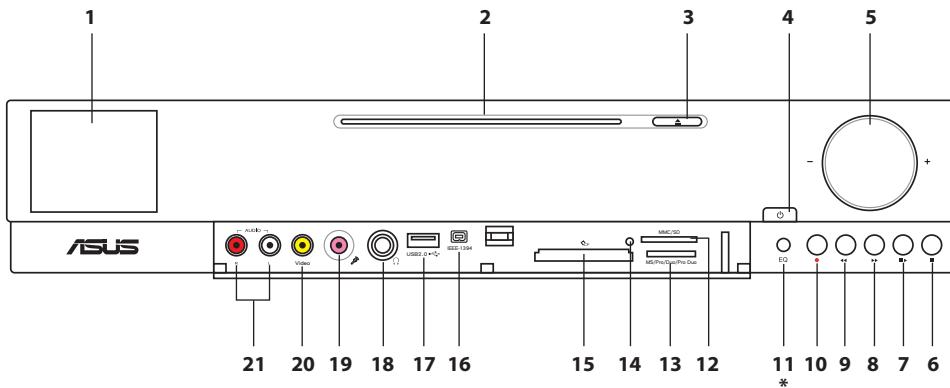
Your DAV Center requires an Internet connection to update the EPG (Electronic Program Guide) and to access the Internet. Make sure that you have access to a wired/wireless network before starting your Windows® Media Center software setup. Contact your Internet service provider (ISP) for more information.

Video source

Make sure that you have access to a video source before starting your ASUS DAV Center setup. Your DAV Center receives video input from a coaxial/S-video/composite cable. The video source usually comes from an antenna, a direct cable TV connection, a cable box, or a satellite receiver. Cable boxes and satellite receivers are also known as set-top boxes.

Front view

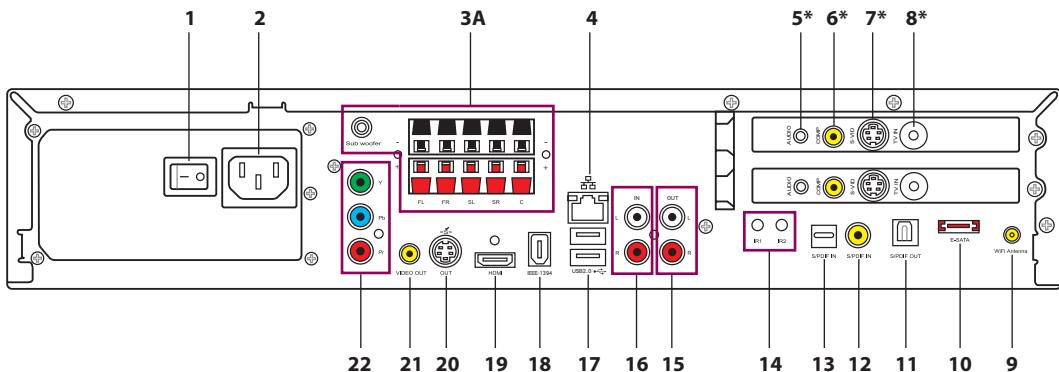
Press **PUSH** to open the front panel cover.



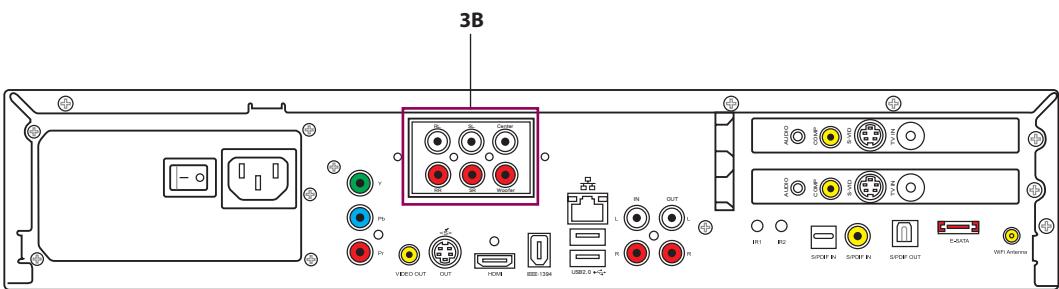
No.	Name	Description
1.	TFT-LCD	Displays system information.
2.	Recordable Super Multi Drive	Supports CD-ROM, CD-R, CD-RW, DVD-ROM (D5 & D9), DVD-R & DL, DVD-RW, DVD+R & DL, DVD+RW, and DVD-RAM.
3.	Super Multi Drive eject button	Press to eject the disc.
4.	Power button	Press to turn on/off your DAV Center.
5.	Volume knob	Rotate to increase/decrease the volume.
6.	Stop button	Press to stop playing a media file.
7.	Play/Pause button	Press to play/pause a media file.
8.	Fast Forward button	Press to fast-forward a media file.
9.	Rewind button	Press to rewind a media file.
10.	Record button	Press to start recording TV.
11.*	EQ button (A31/A33 only)	Press to select an equalizer setting from Normal, Rock, Pop, Live, Jazz, and Classic.
12.	MMC/SD card reader	Supports MMC, MMC 4.0, RS-MMC, RS-MMC 4.0, SD, Mini SD, Micro SD (through adapter), and SDHC.
13.	MS/Pro/Duo/Pro Duo card reader	Supports Sony Memory Stick (high-speed type included), MS PRO, MS Duo, and MS Pro Duo.
14.	Card reader LED	Lights up to indicate that data is being transferred from a digital device to your DAV Center.
15.	CF card reader	Supports CF I/II and IBM Microdrive.
16.	IEEE 1394 port	Plug an IEEE 1394 device (such as a digital camrecorder) into this 4-pin IEEE 1394 port.
17.	USB port	Plug USB devices (such as a USB printer, camera, scanner, or keyboard) into this port.
18.	Headphone jack	Plug amplified speakers or headphones into this jack.
19.	Microphone jack	Plug a microphone into this jack to record or transmit voice files.
20.	Composite Video In jack	Connect to a video source using a yellow RCA cable.
21.	Stereo Audio In jacks	Connect to a stereo audio source using a white (left) and a red (right) RCA cables.

Rear view

A33/A31



A33L/A31L



No.	Name	Description
1.	Power switch	Press to turn on/off the DAV Center.
2.	Power connector	Plug the power cord into this connector.
3A.**	5.1 channel amplifier	Connect passive speakers to this amplifier.
3B.**	RCA Audio Out jacks	Connect active speakers to these jacks plus Stereo Audio Out jacks (No. 15) to achieve 7.1 channel effects.
4.	LAN port	Plug a network cable into this port.
5.*	Audio In jack	Plug an analog audio device into this jack on the tuner card.



**Refer to the "Configuring audio output" section for detailed speaker configurations.

No.	Name	Description
6.*	Composite Video In jack	Plug a yellow RCA cable from a video source into this jack on the tuner card.
7.*	S-Video in jack	Plug an S-Video cable from a video source into this jack on the tuner card.
8.*	TV In jack	Plug a TV signal cable into this jack on the tuner card.
9.	WiFi Antenna connector	Plug a wireless LAN antenna into this connector.
10.	ESATA port	Connect to an external drive.
11.	S/PDIF Out port (optical)	Plug an optical (Toslink) digital audio cable into this port for digital audio transfer.
12.	S/PDIF In port	Plug an RCA cable into this jack for digital audio transfer.
13.	S/PDIF In port (optical)	Plug an optical (Toslink) digital audio cable into this port for digital audio transfer.
14.	IR1/IR2 ports	Plug the IR control cables into these ports to send input from the remote control to a set-top box to change channels.
15.	Stereo Audio Out jacks	Plug a white (left speaker) and a red (right speaker) RCA cables from a stereo into these jacks.
16.	Stereo Audio In jacks	Connect to a stereo audio source using a white (left) and a red (right) RCA cables.
17.	USB ports x 2	Plug USB devices, a printer, camera, scanner, or keyboard for example, into these ports.
18.	IEEE 1394 port	Plug an IEEE 1394 device, a digital camrecorder for example, into this 6-pin IEEE 1394 port.
19.	HDMI	Plug an HDMI (High Definition Multimedia Interface) device into this port.
20.	S-Video Out jack	Plug an S-video cable into this jack to connect to a display, a TV for example.
21.	Video Out port	Plug an RCA cable into this jack to connect to a TV.
22.	Component video ports	Plug a component video cable into this jack to connect to a VCR, set-top box, or DVD player.

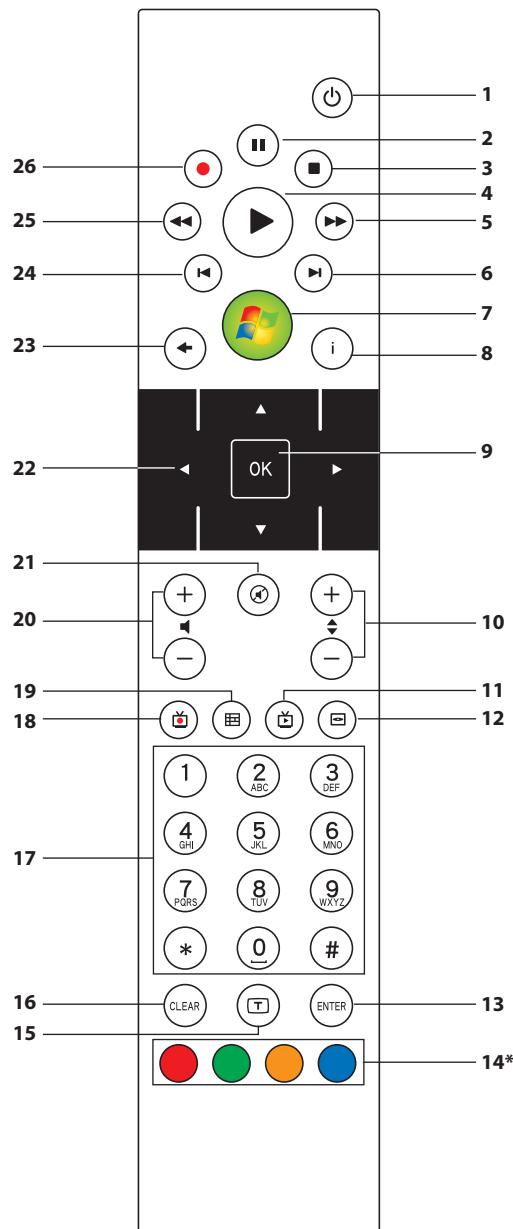


*For models with one TV tuner card, there is only one set of these four jacks

Using the Media Center remote control

Use the remote to launch the Media Center program to watch TV, record TV programs, play video recordings or other media files such as music and movies.

Refer to the table on the next page to familiarize yourself with the functions of the remote control buttons.

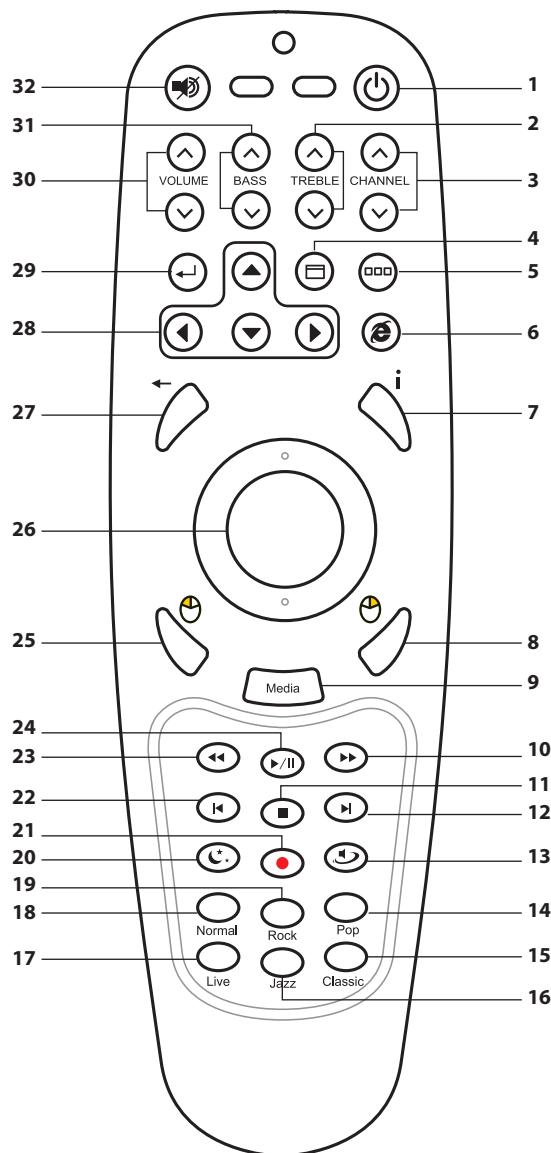


No.	Button	Description
1.	Power	Press to turn on/off the power of the screen and the speakers.
2.	Pause	Press to pause a playback.
3.	Stop	Press to stop playing a media file.
4.	Play	Press to play a media file.
5.	Fast-forward	Press to fast-forward a media file.
6.	Next track	Press to go to the next track.
7.	Windows® Media Center	Press to launch the Media Center program.
8.	Information	Press to display program information under Media Center or other menu options.
9.	OK	Press to confirm an action.
10.	Channel up/down	Press to change TV channels.
11.	Live TV button	Press to watch live TV programs.
12.	DVD button	Press to switch to DVD source.
13.	Enter	Press to confirm a selection.
14.*	Teletext buttons	Available on European models only.
15.	Shift	Toggles between numerical and alphabetical input.
16.	Clear	Press to clear input information.
17.	Numeric keys	Press to enter a channel number.
18.	Recorded TV	Press to display a list of your recorded TV programs.
19.	EPG (Electronic Program Guide)	Press to display the electronic program guide screen.
20.	Volume up/down	Press to increase/decrease the volume.
21.	Mute	Press to disable audio output.
22.	Four-way navigation keys	Press to scroll through on-screen display menus.
23.	Return	Press to return to the previous page.
24.	Previous track	Press to go back to the previous track.
25.	Rewind	Press to rewind a media file.
26.	Record	Press to start recording TV.

Using the amplifier remote control

The amplifier remote control allows you to activate all the amplifier-related functions to adjust the audio effect. Some of the Media Center functions are repeated on this remote. You can also use the trackball like a mouse.

Refer to the table on the next page to familiarize yourself with the functions of the remote control buttons.



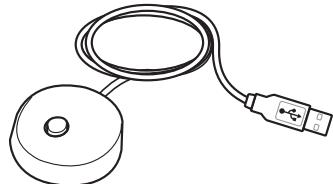
No.	Name	Description
1.	Power	Press to turn on/off the power of the screen and the speakers.
2.	Treble up/down	Press to adjust the treble sound.
3.	Channel up/down	Press to change TV channels.
4.	Desktop	Press to go back to the desktop.
5.	Windows switch	Press to shift among the windows being opened.
6.	IE	Press to open Internet Explorer.
7.	Information	Press to display program information under Media Center or other menu options.
8.	Right click	Functions as the right click button of a mouse.
9.	Media	Press to launch the Media Center program.
10.	Fast-forward	Press to fast-forward a media file.
11.	Stop	Press to stop playing a media file.
12.	Next track	Press to go to the next track.
13.	LEO (Listening Environment Optimizer)	Press to automatically adjust your audio system setup to optimize your listening environment.
14.	Pop	Press to enter the mode suitable for pop music.
15.	Classical	Press to enter the mode suitable for classical music.
16.	Jazz	Press to enter the mode suitable for jazz music.
17.	Live	Press to enter the mode suitable for live shows.
18.	Normal	Press to enter the mode for general use.
19.	Rock	Press to enter the mode suitable for rock music.
20.	Midnight mode	Press to enter the midnight mode.
21.	Record	Press to start recording TV.
22.	Previous track	Press to go back to the previous track.
23.	Rewind	Press to rewind a media file.
24.	Play/Pause	Press to play/pause a media file.
25.	Left click	Functions as the left click button of a mouse.
26.	Track ball	Scrolls in all possible directions like a mouse.
27.	Return	Press to return to the previous page under Media Center.
28.	Four-way navigation keys	Press to scroll through on-screen display menus under Media Center.
29.	OK	Press to confirm a selection under Media Center.
30.	Volume up/down	Press to increase/decrease the volume.
31.	Bass up/down	Press to adjust the bass sound.
32.	Mute	Press to disable audio output.

Using the wireless keyboard

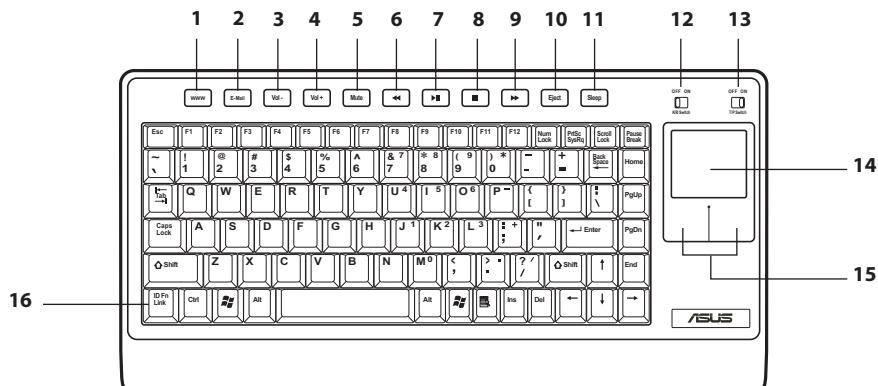
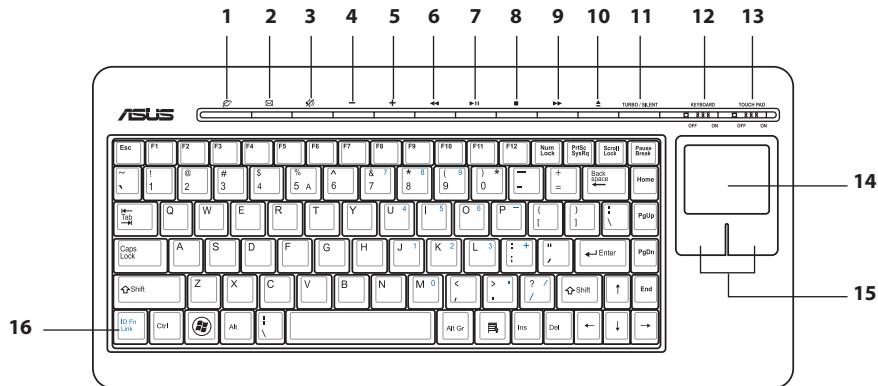
Your DAV Center comes with a wireless keyboard that facilitates your control of the system. To enhance the wireless keyboard connection, we recommend that you install the bundled RF receiver.

Setting up the wireless keyboard

1. Plug the USB cable of the RF receiver into any of the USB ports on your DAV Center. Place the receiver wherever you want.
2. Press the **Connect** button on the RF receiver and the **ID Link** button on the lower left corner of the keyboard to make a connection.



Using the keyboard buttons



The type of wireless keyboard varies with territories.

No.	Feature	Description
1.	Internet	Press to open your Internet browser.
2.	E-mail	Press to open your e-mail box.
3.	Mute	Press to disable audio output.
4.	Volume down	Press to decrease the volume.
5.	Volume up	Press to increase the volume.
6.	Rewind	Press to rewind a media file.
7.	Play/Pause	Press to play or pause a media file.
8.	Stop	Press to stop playing a media file.
9.	Forward	Press to fast-forward a media file.
10.	Eject	Press to open the DVD tray.
11.	Turbo/Silent	Press to toggle between the Turbo/Silent mode
12.	Keyboard power switch	Turns on/off the keyboard power.
13.	Touchpad switch	Enables/disables the touchpad function.
14.	Touchpad	Allows mouse movement by dragging your fingertip across the surface.
15.	Left/right click buttons	Act as the left/right click buttons of a regular mouse.
16.	ID Link button	Press to connect the wireless keyboard to the DAV Center.



- Your DAV Center features two operating modes:

Silent mode (default): In Silent mode, the system automatically reduces the DVD-ROM transfer rate and the speed of the CPU and GPU. This provides a quiet working environment.

Turbo mode: In Turbo mode, the system will use the highest DVD-ROM, CPU and GPU speeds to achieve optimum performance. This is ideal for system-demanding performance, such as video games or multi-function media processing.

- The wireless keyboard is equipped with a power saving mode to reduce power consumption. When the wireless keyboard is left idle for more than three minutes, it enters the power saving mode. Press any key (except the touchpad and the left/right click buttons) to return to the normal state.

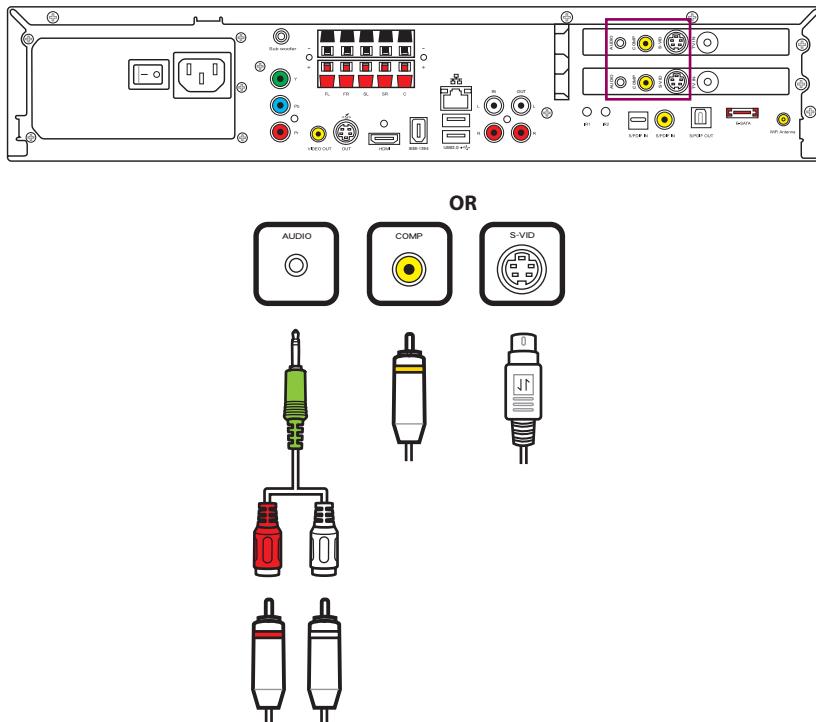
Setting up your DAV Center

Connecting to the TV signal source

Your DAV Center has connectors for S-Video/Composite/Coaxial input. If you use an S-Video or a Composite jack, you also need to connect the audio source using RCA stereo plugs. For Coaxial input, both the video and audio signals are carried on one cable.

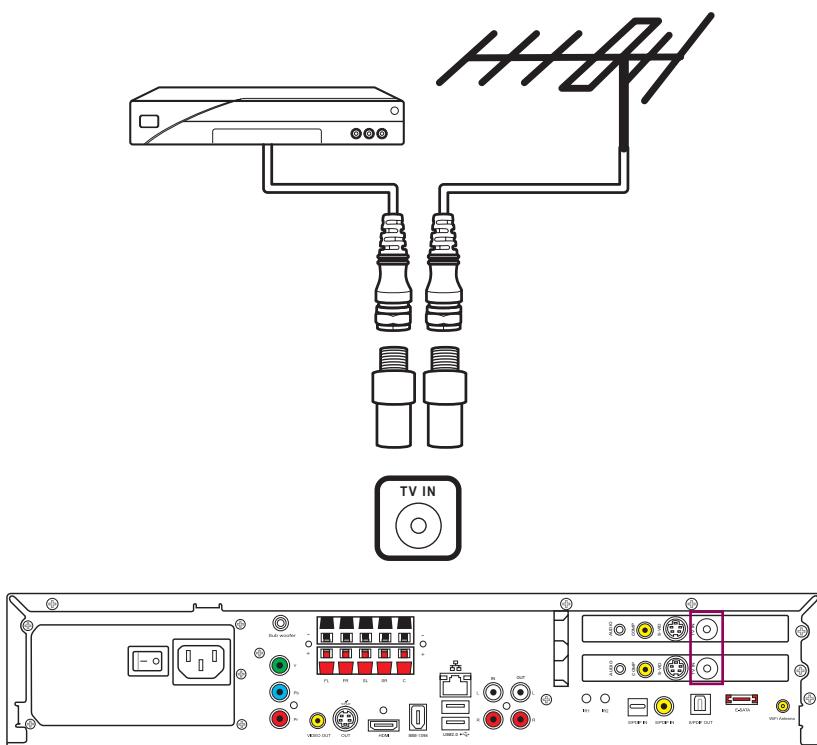
Connecting to the TV signal using S-Video/Composite

1. *For S-Video:* Connect an S-Video cable (not provided) from a video source such as a cable set-top box, a satellite set-top box, or other video source device, to the **S-VID** jack on the DAV Center rear panel. OR
For Composite: Connect the yellow RCA cable provided from a video source mentioned above to the **Composite** jack on the DAV Center rear panel.
2. Connect the stereo audio cables from the **Audio Out** jacks on the video device to the **RCA adapter**, and then connect it to the **Audio In** jack on the DAV Center rear panel.

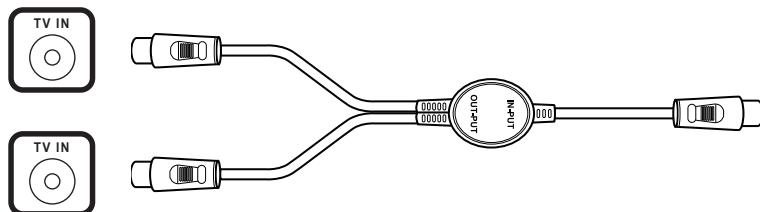


Connecting to the TV signal using a coaxial cable

Connect a coaxial cable from a video device, such as a direct cable connection, a cable set-top box, a satellite set-top box, or an antenna, to the **TV IN** jack on the back of your DAV Center.



For models with two TV tuner cards, connect a coaxial cable from the TV signal source to the input of the provided splitter, and then connect the splitter outputs to the two **TV IN** jacks on the DAV Center rear panel.



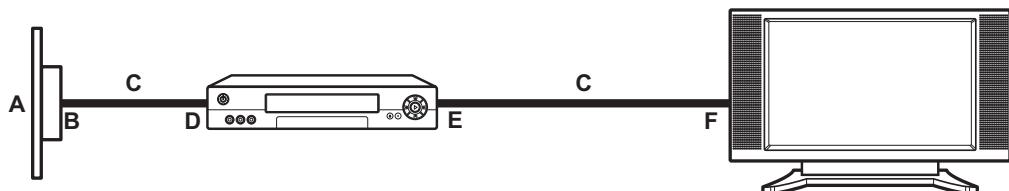
Connecting the TV signal source to an existing setup

This section describes how to connect the DAV Center to an existing setup for your TV signal source.

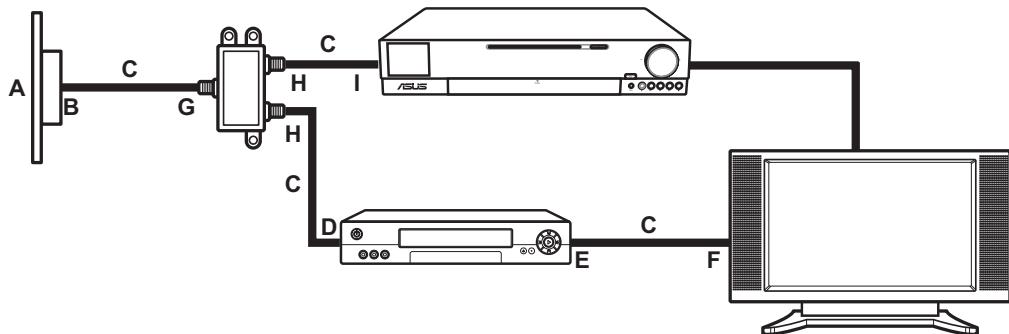
Wall to VCR to TV using coaxial cable

1. Remove the coaxial cable from the input to the VCR, and then connect it to the input of a coaxial cable signal splitter (not provided).
2. Connect two coaxial cables to the splitter outputs.
3. Connect one of these cables to the input of the VCR and the other to the TV connector on the back of the DAV Center.

Existing setup



Connect to DAV Center

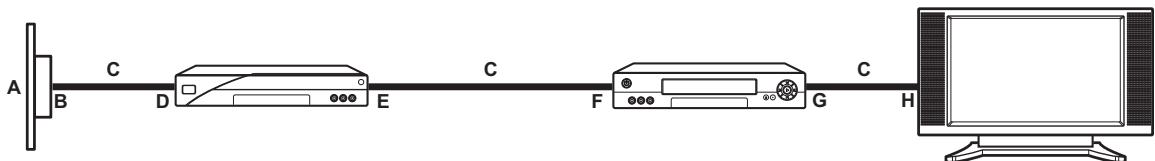


- A. Wall
- B. Cable outlet
- C. Coaxial cable
- D. VCR In
- E. VCR Out
- F. TV In
- G. Splitter In
- H. Splitter Out
- I. TV In jack on the back of the DAV Center

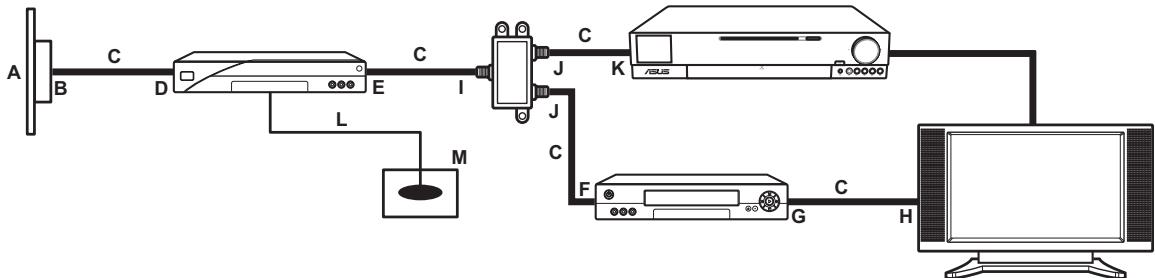
Wall to Set-top box to VCR to TV using coaxial cable

1. Remove the coaxial cable from the input to the VCR, and then connect it to the input of a coaxial cable signal splitter (not provided).
2. Connect two coaxial cables to the splitter outputs.
3. Connect one of these cables to the input of the VCR and the other to the TV connector on the back of the DAV Center.

Existing setup



Connect to DAV Center



- A. Wall
- B. Cable outlet
- C. Coaxial cable
- D. Set-top box/Satellite In
- E. Set-top box/Satellite Out
- F. VCR In
- G. VCR Out
- H. TV In
- I. Splitter In
- J. Splitter Out
- K. TV In jack on the back of the DAV Center
- L. Remote control sensor cable
- M. Remote control sensor

Using the TV as a Monitor

The TV Out capability of your DAV Center allows you to view pictures, watch DVDs, or play games on your TV.

Cables for connecting to a TV

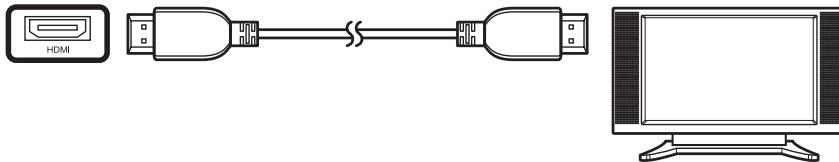
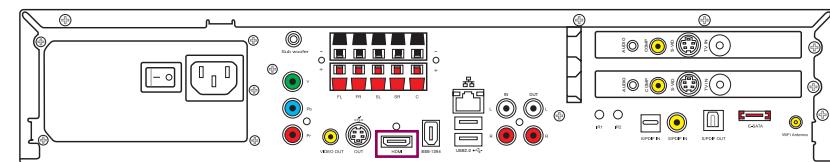
You can connect your DAV Center to your TV with one of the following ways. The type of video cable you need may vary depending on which kind of TV connector you are using.

- HDMI: recommended for its best quality
- Component video (YPbPr) with stereo audio
- S-video with stereo audio
- Video Out with stereo audio
- SCART

Connecting to a TV

HDMI connection (recommended)

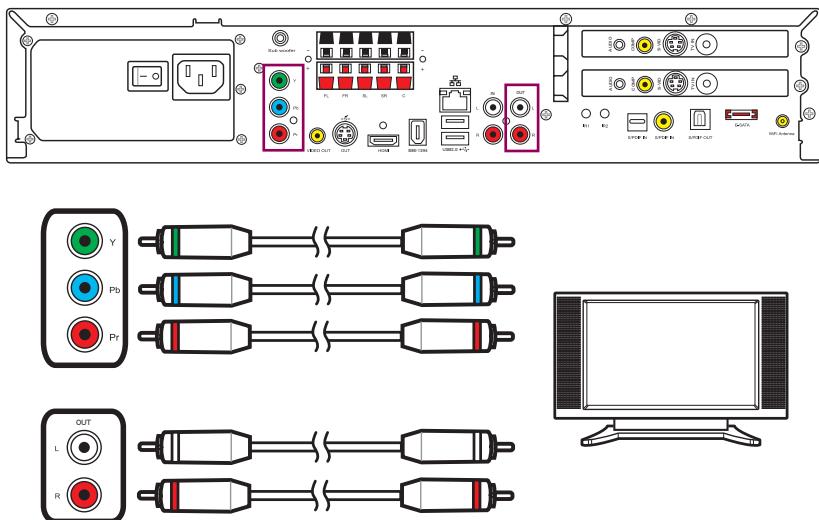
1. Turn off your DAV Center.
2. Connect the HDMI cable to the **HDMI** connector on the TV and to the **HDMI** connector on the back of your DAV Center.



If your TV has a DVI connector instead, plug the HDMI cable into an HDMI to DVI converter (not provided), and then connect it to your TV. Next, connect stereo audio cables to the **Audio In** jacks on the TV and to the **Audio Out** jacks on the DAV Center rear panel.

Component video connection

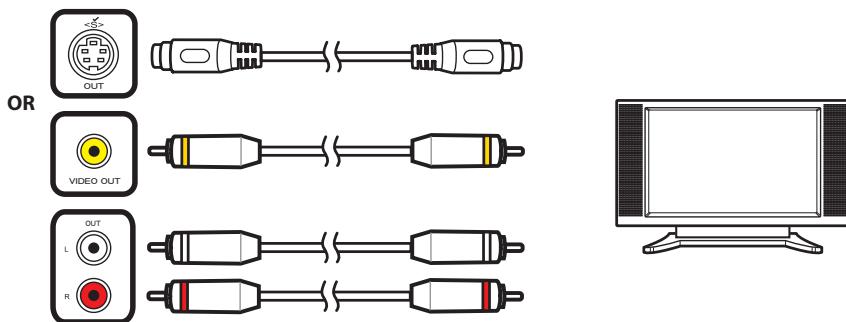
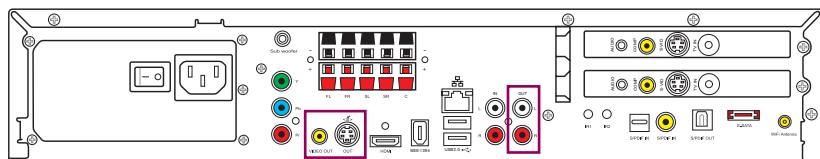
1. Turn off your DAV Center.
2. Connect the component video cables to the **Component Video** jacks on the TV and to the **Component Video Out** jacks on the DAV Center rear panel.
3. Connect stereo audio cables to the **Audio In** jacks on the TV and to the **Audio Out** jacks on the DAV Center rear panel.



Do not use the S-Video, the Video Out, and the Component Video jacks at the same time. Use only one of them at one time.

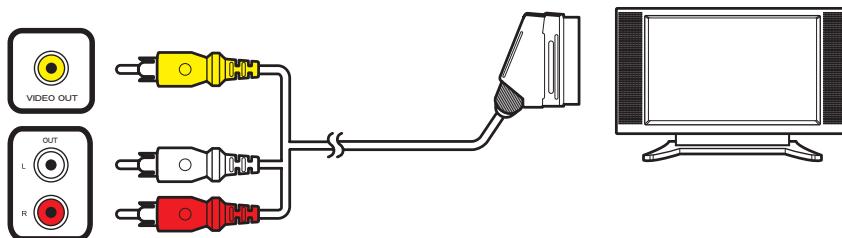
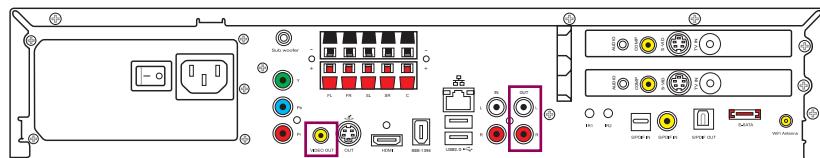
S-Video/Video Out connection

1. Turn off your DAV Center.
2. For S-Video: Connect the S-Video cable from the **S-Video In** jack on the TV to the **S-Video Out** jack on the DAV Center rear panel. OR
For Video Out: Connect the yellow RCA cable to the **Video In** jack on the TV and to the **Video Out** jack on the DAV Center rear panel.
3. Connect stereo audio cables to the **Audio In** jacks on the TV and to the **Audio Out** jacks on the DAV Center rear panel.



SCART connection

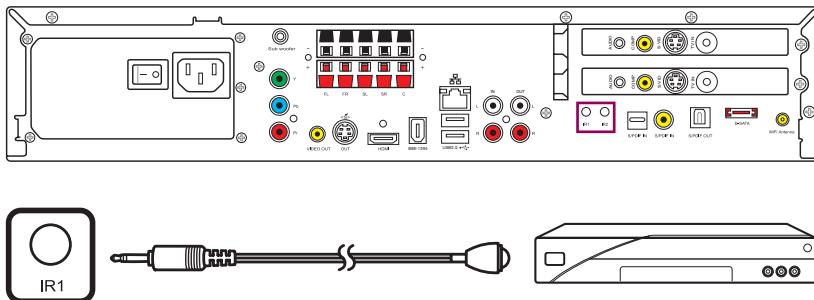
1. Turn off your DAV Center.
2. Connect the SCART/composite video/audio cable to the **SCART** connector on the TV and to the **Video Out** and **Audio Out** jacks on the back of your DAV Center.



Connecting Infrared Receiver to external devices

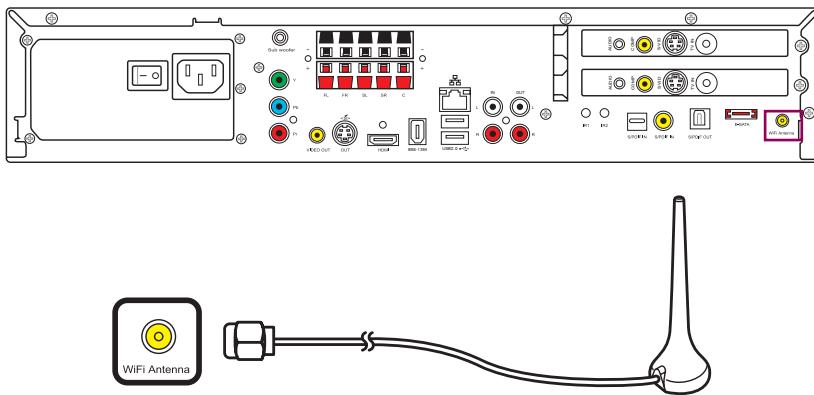
To connect an external device such as a set-top box:

1. Connect one end of the IR blaster cable to the **IR1/2** port on the back of your DAV Center.
2. Connect the other end of the IR cable to the set-top box as shown.



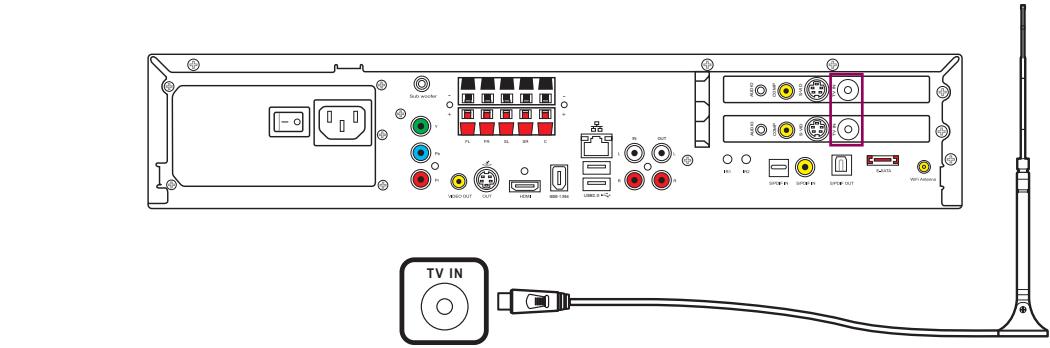
Installing the wireless LAN antenna

To connect an external antenna to the wireless LAN card, fasten the external antenna to the **WiFi Antenna** connector on the back of your DAV Center.



Installing the digital TV/FM antenna

To connect the digital TV/FM antenna, connect it to the **TV IN** jack on the back of your DAV Center.



The reception signal and quality of the Digital TV/FM antennas may vary in different regions.

Connecting to a digital video camera

To connect a digital camera or a digital video camera:

1. Turn on your DAV Center, and wait for the Windows® Vista™ OS to start.
2. Connect the video camera transfer cable into the camera and then into a free **USB** port or an **IEEE 1394** port on your DAV Center.



You can also use the 4-pin IEEE 1394 port and the USB port on the front panel.

Connecting to other devices

Other peripheral devices such as a printer, scanner, card reader, and PDA can also be connected to your DAV Center through the **USB** ports.

Configuring audio output

ASUS DAV Center supports different types of audio configurations. You may set up your DAV Center using stereo speakers or a multi-channel audio speaker system. Connect your speaker system to the DAV Center, and then configure your audio output through the software.

Speaker configurations

You may set up your DAV Center with the following speaker configurations:

Name	Speaker system
Headphones	None.
2 (stereo)	Left speaker, right speaker.
2.1	Left speaker, right speaker, and a subwoofer.
4.1	Two front speakers, two rear speakers, and a subwoofer.
6/5.1	Two front speakers, two rear speakers, a center speaker, and a subwoofer.
8/7.1	Two front speakers, two rear speakers, two side speakers, a center speaker, and a subwoofer.
Home audio system	Home stereo or home theater audio system with passive speakers.

Speaker types

An active speaker system must have its own power source. A home audio system does not require active speakers because the receiver provides amplification.

A stereo speaker set is a left-right, two channel speaker system. A multi-channel audio speaker has a left-right front and left-right rear channel, and it may include a subwoofer and a center speaker. Side speakers are included in a more advanced system. A subwoofer provides enhanced bass sounds.

".1" indicates a subwoofer. For instance, 7.1 channels refers to an eight-speaker mode and uses two front speakers (left-right), two rear speakers (left-right), two side speakers (left-right), a center speaker, and a subwoofer.

Connecting to speakers

ASUS DAV Center is equipped with Audio Out jacks that allow you to connect to an active stereo using RCA cables. To configure a multi-channel audio setup, the A33/A31 model, with a built-in amplifier, allows you to connect to 5.1 channel passive speakers using Y cables (not provided). The A33L/A31L model supports a 7.1 channel active speaker system, and you can connect speakers to these jacks using RCA audio cables.

Refer to the table below for the audio connectors on the rear panel and their functions.

For stereo speakers

A33/A31/A33L/A31L	Description
 	Audio Out connects to active stereo speakers.

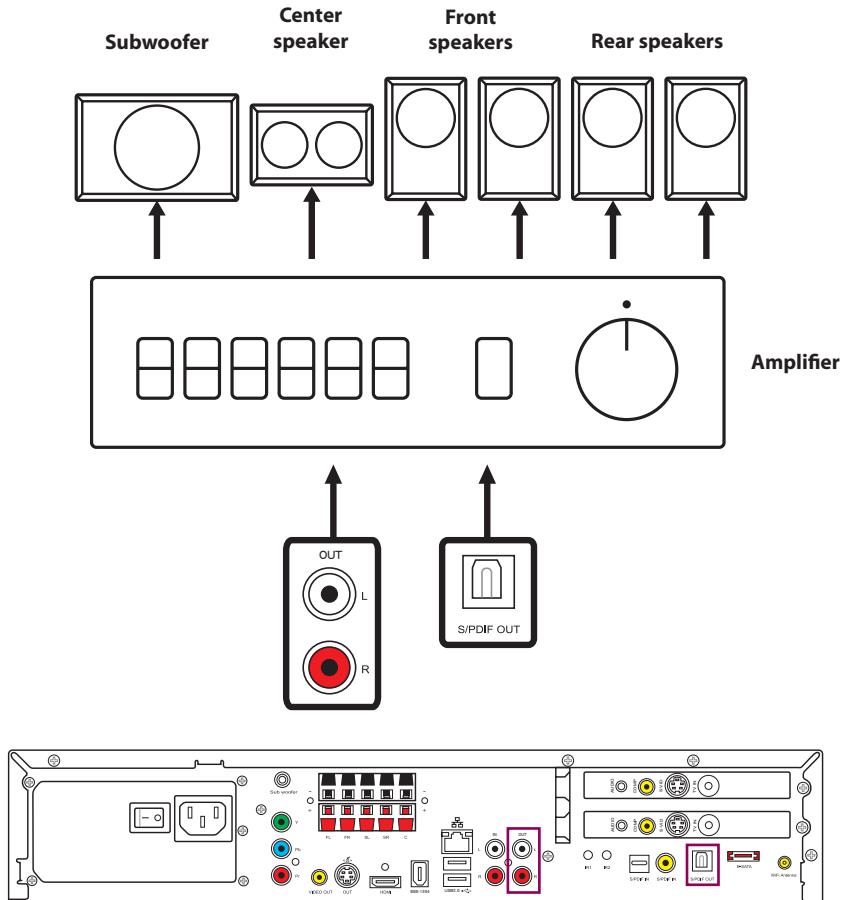
For a multi-channel speaker system

A33/A31	Description	A33L/A31L	Description
 FL	Front left connects to a front left speaker.	 L	Audio Out left connects to a front left speaker.
 FR	Front right connects to a front right speaker.	 R	Audio Out right connects to a front right speaker.
 SL	Surround left connects to a rear left speaker.	 RL	Rear Surround left connects to a rear left speaker.
 SR	Surround right connects to a rear right speaker.	 RR	Rear Surround right connects to a rear right speaker.
 C	Center connects to a center speaker.	 SL	Side Surround left connects to a side left speaker.
 Sub woofer	Subwoofer connects to a subwoofer.	 SR	Side Surround right connects to a side right speaker.
		 Center	Center connects to a center speaker.
		 Woofer	Woofer connects to a subwoofer.

Connecting to a home audio system

You can also connect the DAV Center to your home stereo or home theater multi-channel audio amplifier to use your existing speaker system.

- **Analog output:** Plug RCA audio cables from the **Audio Out** jacks on the DAV Center rear panel to your amplifier.
- **Digital output:** Plug an optical (Toslink) digital audio cable from the **S/PDIF Out** port on the DAV Center rear panel to your amplifier.



Configuring audio output settings

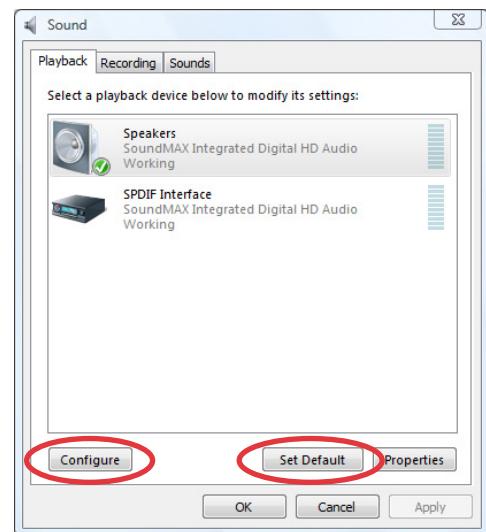
Configuring audio output via a speaker system

After connecting a speaker system to your DAV Center, follow the steps below to configure audio output:

1. From the Windows® desktop, double-click on the **Audio Output Config** icon.



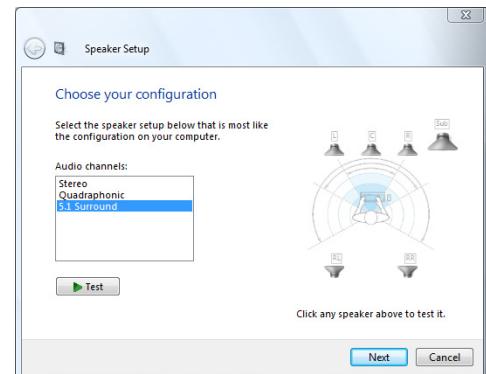
2. Under the Playback window, select **Speakers** and click **Set Default**.
3. Click **Configure** and the Speaker Setup window pops up.



4. Select the speaker system you have and click **Next**.



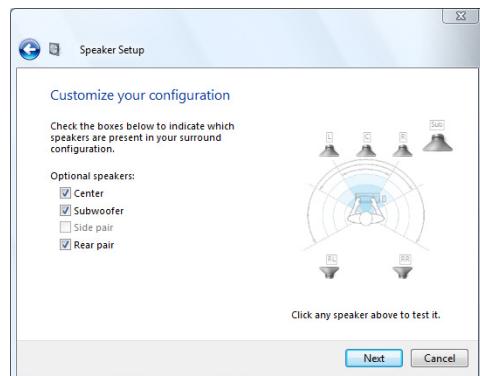
You may click **Test** to test each of your speakers.



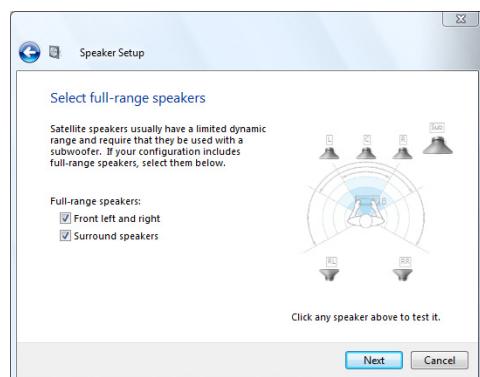
5. Check the boxes that indicate the speakers present, and then click **Next**.



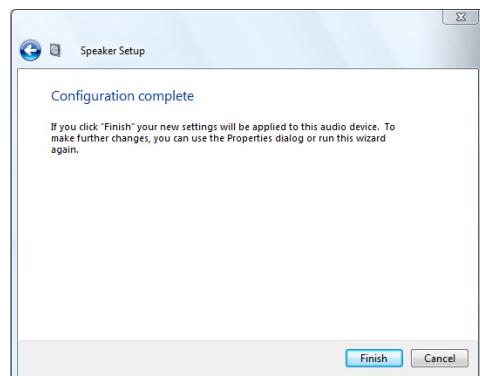
This step is required only when you select a 5.1 Surround speaker configuration.



6. Check the boxes if you use full-range speakers, and then click **Next**.



7. Click **Finish** to exit the speaker setup.



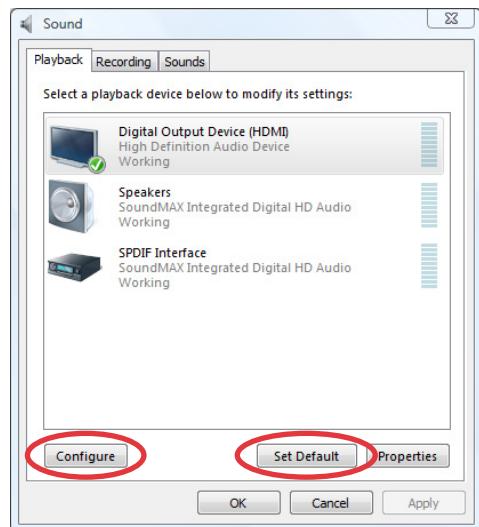
Configuring audio output via an HDMI device

If you use your TV with an HDMI connector as an audio output device, connect it to the DAV Center and follow the steps below to configure audio settings:

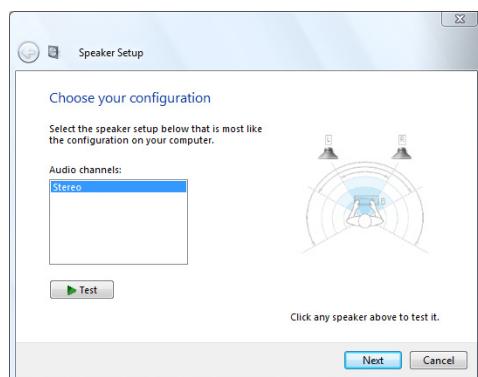
1. From the Windows® desktop, double-click on the **Audio Output Config** icon.



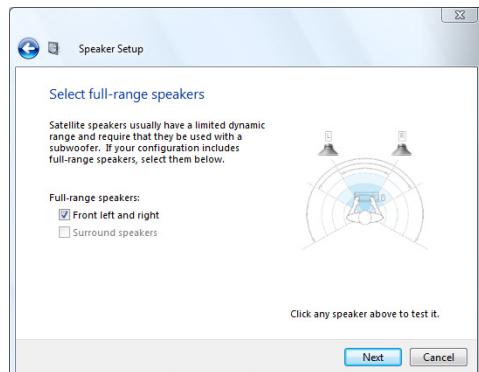
2. Under the Playback window, select **Digital Output Device (HDMI)** and click **Set Default**.
3. Click **Configure** and the Speaker Setup window pops up.



4. Select **Stereo** and click **Next**.



5. Check the **Front left and right** box, and then click **Next**.



6. Click **Finish** to exit the speaker setup.

Amplifier features

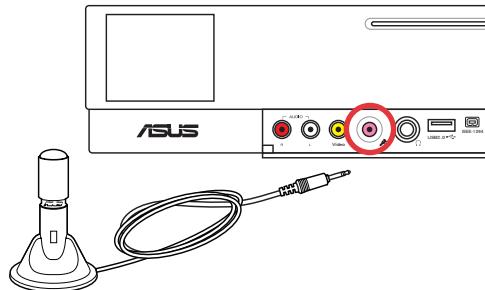
Your ASUS DAV Center A33/A31 comes with a built-in amplifier. The amplifier features enable you to optimize your listening environment with a touch of the button, saving you from complex audio setup procedures.

LEO (Listening Environment Optimizer)

The LEO™ technology virtually adjusts your speaker placement to deliver an excellent audio experience. With a microphone placed at the listener's location, LEO™ sends out test tones to each speaker and analyzes the feedback signal to determine speaker distance, phase, sound pressure level, and related parameters.

To activate the LEO™ function:

1. Plug the microphone into the microphone jack on the A33/A31 front panel and place it at your listening location.

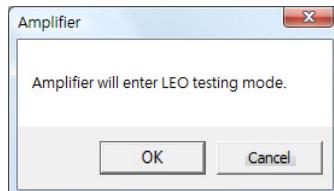


2. A dialog box pops up to show that an audio device is detected. Click **OK**.



4. Press the **LEO** button  on your amplifier remote.

5. Click **OK** to enter the LEO testing mode.



6. The speaker detection begins. You can monitor the process on the TFT-LCD.



7. After detection, the speaker test begins. Keep quiet during this time to achieve optimal effects.



Midnight mode

Use the Midnight mode to watch movies at night. When you turn down the volume, this mode lowers the sound effects but keeps human voice clear.

Press the **Midnight** button  on your amplifier remote to activate this function.

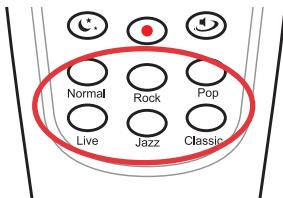


Preset EQ modes

The preset EQ modes include **Normal**, **Rock**, **Pop**, **Live**, **Jazz**, and **Classic**. Choose the mode according to the type of music you are listening to.



To change the EQ modes, use your amplifier remote or press the **EQ** button on the A33/A31 front panel.



Using Windows Media Center

Starting Windows Media Center

You can take full control of the Windows Media Center using your wireless keyboard and either of your remote controls.

To start Windows Media Center, do one of the following:

- Press the **Media Center** button  on your Media Center remote.
- From the Windows® desktop, click **Start > All Programs > Windows Media Center**.

TV + Movies

Enjoy your TV/movie viewing experience with the **TV + Movies** feature. Use **TV + Movies** to watch live TV programs, record TV programs, watch recorded programs, view program information, and play DVDs.

Watching TV

1. Press the **Live TV** button  on the remote. The last viewed TV channel is displayed.
2. Use the **Channel up/down** buttons to change channels while watching TV.

Recording TV programs

1. Use the **Channel up/down** or the numeric keys to select the program you wish to record.
2. Press the **Record** button  on the remote to start recording.

Playing TV recordings

1. Press the **Recorded TV** button  to display a list of recorded TV programs.
2. Select a recording and press the **Play** button  to play or press **OK** to view details.



Media Center automatically records the program you are watching for up to 30 minutes and saves it to a buffer. Therefore, if you pause a live TV program, you can pick up where you left off. Refer to the "Time Shift" section in your DAV Center Application User Manual (included in the support DVD) for details.

Watching DVDs

Insert a DVD into the Super Multi Drive and the DVD will be played automatically. You can also press the **DVD** button  on the remote to play it.

Music

Music provides you with a complete music experience. You can listen to CDs or other music files, create your own playlists, view album information, and listen to music by albums, genres, artists, etc.

Adding music CDs to music library

1. From the Media Center main menu, select **Music**.
2. Insert a CD into the Super Multi Drive. The CD will be played automatically, and a list of options appear on the left side of the "now playing" screen.
3. Select **Copy CD**, and then select **Yes** to confirm your choice. The CD is copied and saved as music files to the hard disk drive under **music library**.

Playing Music

1. From the Media Center main menu, select **Music > music library** to display your music files.
2. Select music to play by albums, genres, artists, etc.

Pictures + Videos

Enjoy and manage your digital photos/videos or downloaded pictures/video clips using **Pictures + Videos**. You can browse the pictures individually or play them as a slide show with music background.

Viewing pictures

1. From the Media Center main menu, select **Pictures + Videos > picture library** to display your picture folders.
2. Select a folder and press **OK** to open it. Select an image and press **OK** to view.

To play the pictures as a slide show, highlight a folder and press the **Play** button  to start playing it. You can also select **Play slide show** on the sidebar.

Watching videos

1. From the Media Center main menu, select **Pictures + Videos > video library** to display your videos.
2. Highlight a video and press the **Play** button  to start playing it.