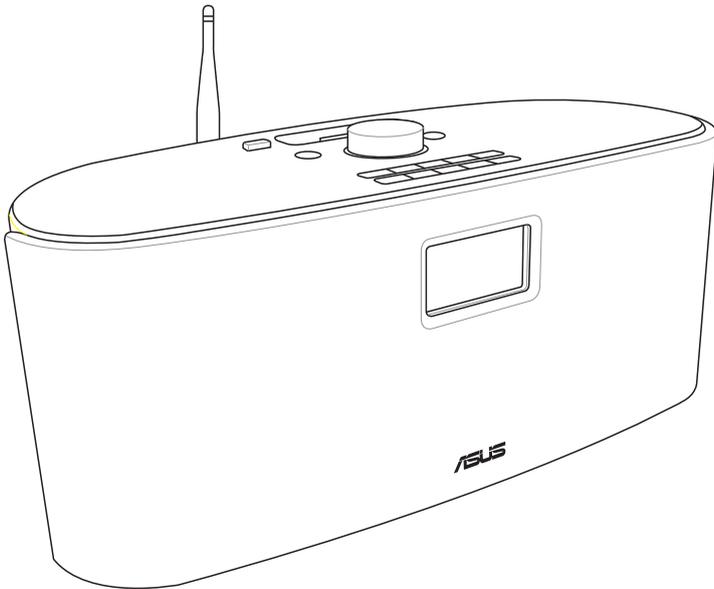


AIR3

iPod Speaker with ASUS Internet Radio



User Manual

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Notices

Federal Communications Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received including interference that may cause undesired operation.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. **This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.** This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. IEEE 802.11b or 802.11g operation of this product in the U.S.A. is firmware-limited to channels 1 through 11.

Industry Canada Statement

Operation is subject to the following two conditions:

- This device may not cause interference and
- This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. **This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.**

Notes for this manual

To ensure 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.

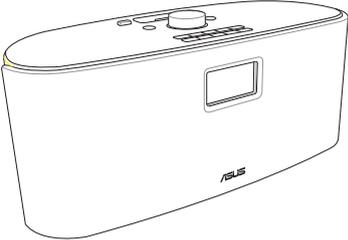
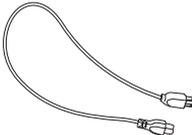
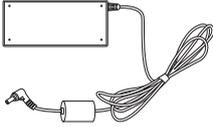
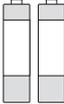
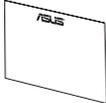


NOTE: Additional information for special situations.

Welcome

Congratulations on your purchase of **AIR3**. The following illustrations are the package contents of your new AIR3. Note that the package does not include an iPod.

Package contents

		
AIR3		Remote control
		
Power cord	AC power adapter	Wireless antenna
		
3.5mm jack audio cable	S-Video cable	AAA battery x2
		
Cleaning cloth	Warranty card	User Manual
	*The illustrations are for reference only. Actual product specifications may vary.	
Network Setup Guide		

Overview

AIR3 is both an iPod docking station and an Internet Radio that enriches your audiovisual life. You can play your iPod music through the AIR3 speakers. When connected to a display, AIR3 allows you to view your iPod videos or image files. AIR3 also provides easy access to a wide selection of radio stations on the Internet. Before enjoying your ASUS Internet Radio, ensure that you have access to a wired/wireless network.

Features

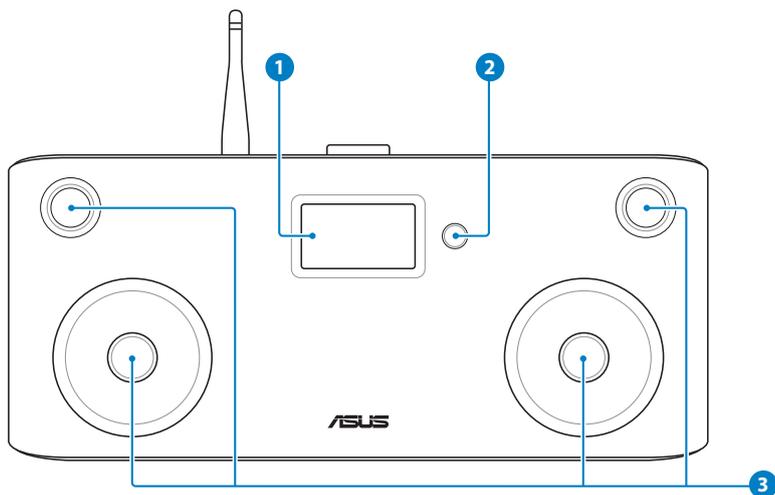
- iPod docking with high quality stereo speakers
- Aux In from other audio devices
- Video Out from iPod
- Stand-alone device
- Wireless/wired connection
- More than 10,000 worldwide radio stations with rankings
- Playing music from your PC through UPnP protocol
- 250 favorite radio stations
- Nap alarm clock
- Weather forecast and financial information

Specifications

Connectivity	Wireless LAN 802.11b/g Wired 10/100M Ethernet
Date rates	54 Mbits (WLAN) 10/100 Mbits (Ethernet)
Wireless LAN security	64/128-bit WEP WPA/WPA2
Audio format decoder	MP3/WMA 16Kbps–320Kbps
SNR	>90dB earphone
Display	128 × 64 FSTN graphics display Blue color with white LED
I/O ports	Headphone jack (Φ 3.5mm) Aux In (Φ 3.5mm) Ethernet (RJ45) DC power jack Video out (RCA jack) S-Video (DIN jack)
Speakers	1" Tweeter 3 Watt/5 Ohm x 2 3.5" Woofer 15 Watt/4 Ohm x 2
AC power adapter	Input: AC 100–240V (50–60Hz) Output: DC 20V/2A
Remote control	22 keys
Dimension	400 (L) × 170 (W) × 170 (H) mm
Weight	3.5 Kg (device only)
ADSL/Cable Modem bandwidth (recommended)	1M bps at least

Getting to know your AIR3

Front view



1 LCD display

The LCD display, with adjustable backlight, shows user interface.

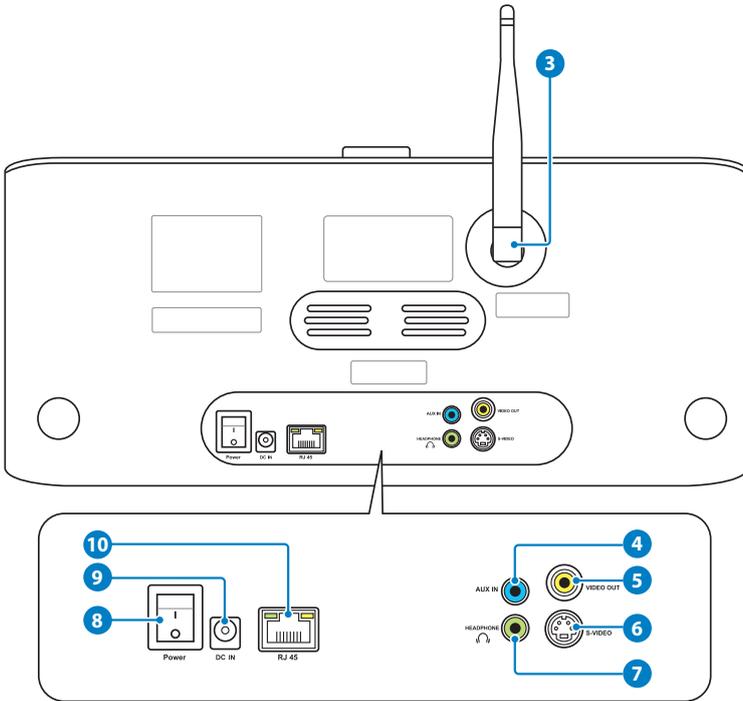
2 IR receiver

The IR receiver receives commands from the remote control.

3 Speakers

The built-in speakers deliver high-quality audio output. You may remove the front net cover to see the speakers.

Rear view



3 Wireless antenna

Install the supplied antenna and set it to a vertical position to ensure best reception of wireless signal.

4 AUX IN jack

To use the device solely as speakers, connect the supplied 3.5mm jack audio cable to this jack from a playback device.

5 VIDEO OUT jack

To connect the device to a display, plug a composite cable (yellow) into this jack.

6 S-VIDEO jack

To connect the device to a display, plug the supplied S-Video cable into this jack.

7 HEADPHONE jack

The stereo headphone jack (Φ 3.5mm) is used to connect the device's audio out signal to amplified speakers or headphones. Using this jack automatically disables the built-in speakers.

8 Power switch

The power switch allows powering ON and OFF the device.

9 DC 20V power jack

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the device. To prevent damage to the device, always use the supplied power adapter.

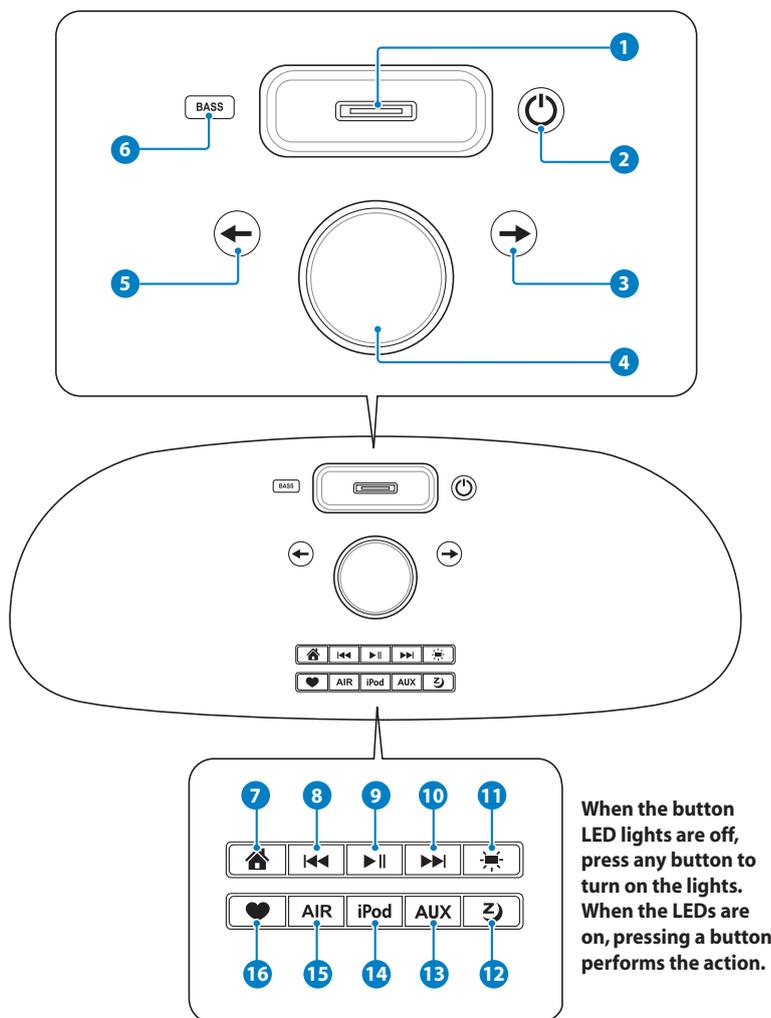


The power adapter may become warm or hot when in use. Do not cover the adapter and keep it away from your body.

10 RJ 45 LAN port

The eight-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

Top view



1 iPod connector

The iPod connector allows connecting to an iPod to play iPod music. By connecting the device to a display, videos or image files stored in an iPod can be viewed. The device is switched to iPod mode automatically as soon as an iPod is connected.

2 Standby/On button

Press to switch the device between standby and on mode.

3 Right button

Press to confirm your selection of an option and go to the submenu. Press to go to the next field when entering text.

4 Volume knob

Rotate to adjust volume, select text, or scroll up/down through menu options. Press to confirm your selection of a menu option.

5 Left button

Press to go to the previous menu. Press to go to the previous field when entering text.

6 BASS button

Press to turn on/off the built-in speaker bass effects.

7 Home button

Press to return to the main menu.

8 Previous track button

Press to go to the previous track.

9 Play/Pause button

Press to play iPod music/videos/image files or pause a playback.

10 Next track button

Press to go to the next track.

11 Dimmer button

Press to select a backlight mode.

12 Sleep button

Press to select a preset amount of time after which the device shuts off.

13 AUX mode button

Press to switch the device to AUX mode when it is used solely as speakers. Press this button after connecting a playback device.

14 iPod mode button

Press to switch the device to iPod mode. The device is automatically switched to this mode when you connect an iPod.

15 AIR mode button

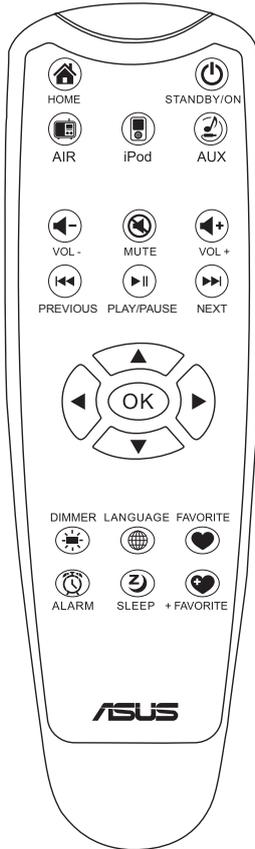
Press to switch the device to Internet Radio mode.

16 Favorite button

Press to display a list of your favorite radio stations.

Using the remote control

Refer to the table on the next page for the remote control buttons and their functions.



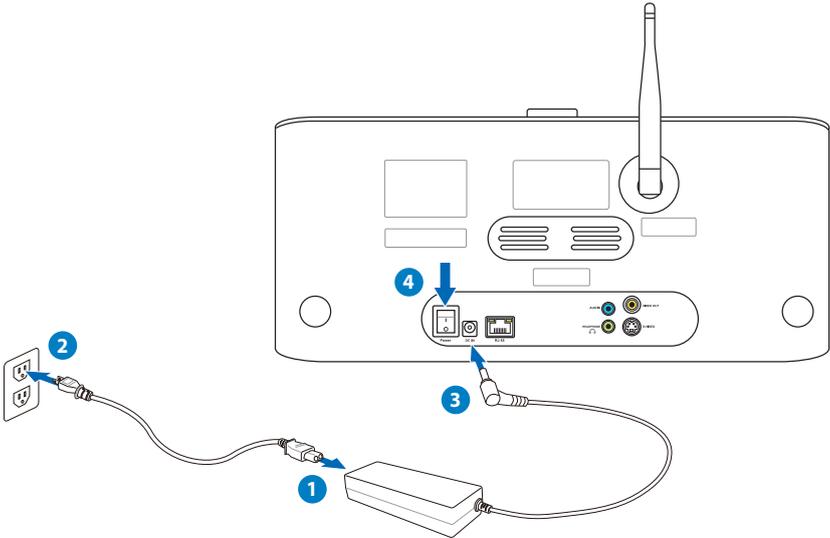
Icon	Name	Function
	Standby/On	Press to switch the device between standby and on mode.
	Home	Press to return to the main menu.
	AIR mode	Press to switch to Internet Radio mode.
	iPod mode	Press to switch to iPod mode.
	AUX mode	Press to switch to AUX mode.
	Volume-	Press to decrease the output volume.
	Mute	Press to mute the audio output.
	Volume+	Press to increase the output volume.
	Previous track	Press to go to the previous track.
	Play/Pause	Press to play iPod music/videos/image files or pause a playback.
	Next track	Press to go to the next track.
	Up	Press to scroll up through menu items. Press to select text.
	Down	Press to scroll down through menu items. Press to select text.
	Left	Press to go to the previous menu. Press to go to the previous field when entering text.
	Right	Press to confirm your selection of an option and go to the submenu. Press to go to the next field when entering text.
	OK	Press to confirm your selection of a menu option.

(continued on the next page)

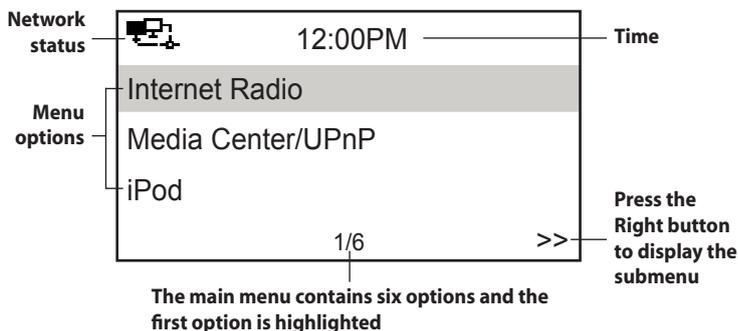
Icon	Name	Function
	Dimmer	Press to select a backlight mode.
	Language	Press to select a menu language.
	Favorite	Press to display your favorites list.
	Alarm	Press to turn on/off the alarm clock.
	Sleep	Press to select a preset amount of time after which the device shuts off.
	+Favorite	Press to store the currently played radio station to your favorites list.

Turning on the device

Connect the supplied AC adapter to the **DC IN power jack** on the rear panel (1 2 3), and then press the **power switch** to turn on the device (4). The display lights up to show the ASUS logo, and then the main menu appears.



Main menu



Pressing the  button on the top panel or on the remote control does not turn the device on.

Language selection

ASUS Internet Radio supports multiple languages for the menu options.

To change the language:

Press the **Language** button  on the remote control to select the language you use (the fastest way).

OR



1. From the main menu, rotate the volume knob to highlight **Configuration** and then press the knob to enter the submenu.
2. Select **Language** in the same way.
3. Rotate the volume knob to highlight the language you use and then press the knob to apply.

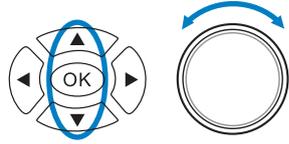


The selected language applies to the device menus and system messages only. The station names shown vary according to station locations.

Text entry

To enter your WEP/WPA key or IP address, add a radio station address, and set time and date, do the following:

1. Press the **Up/Down** button or rotate the volume knob to select a character from the following table:



Letters	A a B b C c...Z z
Symbols	\$ % & # _ ^ ~ ` " ' , ; : ? ! * - + @ < = > { } [\] (/)
Numbers	0 1 2 3 4 5 6 7 8 9
Other	Delete (): Select and press the Left/Right button to delete text on the left. Space: Select to add a space.



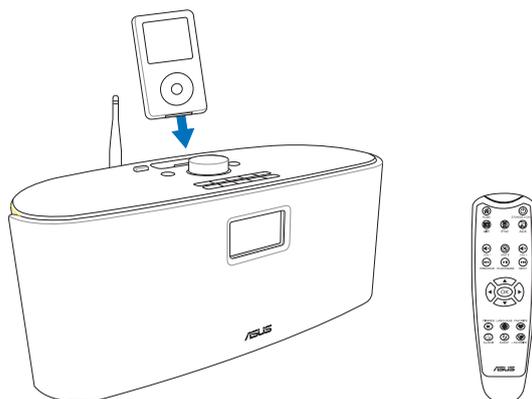
The characters appear in a circular order. What is next to “space” is the uppercase A.

2. Press the **Right** button ( or ) to proceed to the next. Press **OK** () or the volume knob when done.

Connecting to an iPod

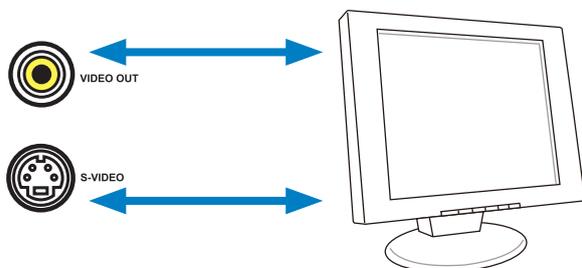
Playing iPod media files

After you connect your iPod to AIR3, AIR3 is switched to iPod mode automatically and is ready to play iPod music, videos, or image files. Pressing the **iPod mode** button on the top panel (iPod) or on the remote (iPod) also switches the device to this mode from the other modes. You can use the AIR3 remote to control your iPod.



To view videos or image files stored in your iPod, connect AIR3 to a display. The following two connections are available:

- **VIDEO OUT:** Plug one end of a composite cable (yellow) into this jack on the rear panel and the other end to a display.
- **S-VIDEO:** Plug one end of the supplied S-Video cable into this jack on the rear panel and the other end to a display.



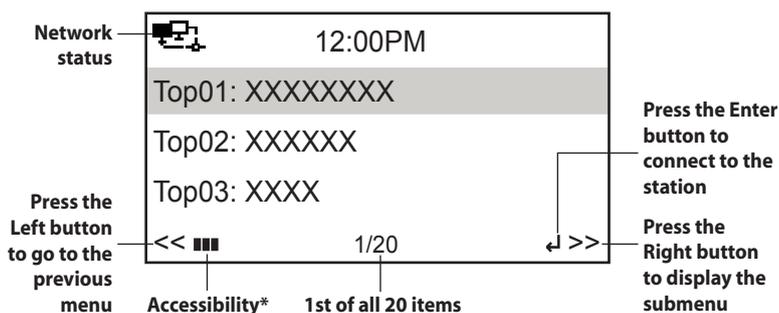
Listening to the radio

Searching for a radio station

AIR3 has an up-to-date, well-classified list of online radio stations worldwide. Not every Internet radio station has a corresponding traditional radio station. Some of them broadcast via the Internet only. You can search for a station by global rankings, music genre, or location. You can also go through the stations categorized in alphabetical order.

Searching by global rankings

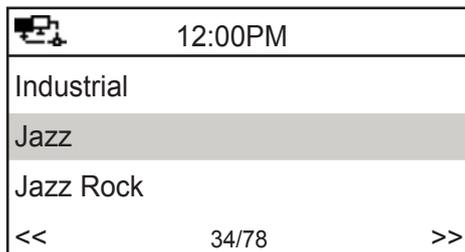
1. From the main menu, select **Internet Radio > Radio Station/ Music > Global Top 20**, and a list of top 20 radio stations worldwide displays.
2. Press the **Up/Down** button to highlight a station and press **Enter** to connect to the station.



*When you highlight a station from the list, vertical bars ■■■ appear at the bottom left corner of the display to indicate the accessibility to the station. Three bars suggest the highest accessibility.

Searching by genre

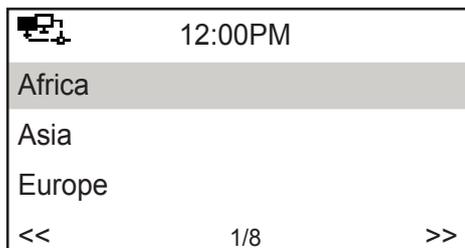
1. From the main menu, select **Internet Radio > Radio Station/Music > Genre**, and a list of music genres displays in alphabetical order.
2. Press the **Up/Down** button to highlight a genre. For example, if you want to listen to jazz music:



3. Press the **Right** button to display all the jazz stations available, with the top 10 listed first. Highlight a station and press **Enter** to connect to the station.

Searching by country/location

1. From the main menu, select **Internet Radio > Radio Station/Music >Country/Location**, and a list of geographical regions displays in alphabetical order.



The list includes: Africa, Asia, Europe, Latin America, Middle East, North America, Oceania/Pacific, and Internet Only.

2. Select a geographical region and then select a country in the region. A list of stations located in the country displays.
3. Highlight a station and press **Enter** to connect to the station.



- For countries that have a huge number of radio stations, the stations are sub-classified by name initial alphabetically.
- If you select a language other than English, you will see the name of the country where that language is spoken in the **Radio Station/Music** menu. Highlight the country name and press **Enter** to display the stations located in this country.

Searching by station name

1. From the main menu, select **Internet Radio > Service > Search Radio Station**.
2. The stations are divided into 10 categories by their name initial: **0-9, A-C, D-F, G-I, J-L, M-O, P-R, S-U, V-Z**, and **Other**. Select a category and a list of stations displays.



Station names formed by characters other than Roman alphabet are in the **Other** group.

3. Select any of the stations again to display more stations. The stations are listed alphabetically according to the first two letters of their names.
4. Highlight a station and press **Enter** to connect to the station.

Connecting to a station

If your AIR3 is successfully connected to a station, the display is as follows:



- *The connection status may change from "Connecting" to "Buffering" to "Playing." Press **Enter** to stop playing and go back to the previous menu.
- **Refer to page 28 for details about setting the buffer.
- If you shift to the main menu while connecting to a station, a countdown timer will appear at the bottom right corner of the display. After a lapse of 10 seconds, the system automatically shifts back to the station being played.

Adding a station to My Favorite

You can add a currently played radio station or one found on the list to **My Favorite**. You can also manually enter the address of a station and add it to your favorites list. AIR3 has a memory of 250 stations.

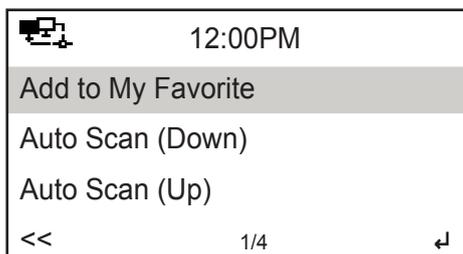
Adding a currently played radio station

1. Press the **+Favorite** button (♥) on the remote control.
2. The following icons will appear next to the network status icon to indicate favorites status:

	The station is being added to My Favorite.
	The station has already been in My Favorite.
	Favorites exceeds the maximum of 250.

Adding a radio station from the list

1. Search for a station using any of the methods mentioned in the “Searching for a radio station” section.
2. Highlight a station and press the **Right** button to display the submenu as the following:



3.
 - **Add to My Favorite:** Select to add the station to your favorites list.
 - **Auto Scan (Down)/(Up):** Select to connect to the stations on the list consecutively up/down from the highlighted station. Each station will be played for 30 seconds during which you can add it to **My Favorite** by pressing the **+Favorite** button (.
 - **Play:** Select to connect to the station.

Refer to the table on page 23 for favorites status.

Adding a manually entered station

1. From the main menu, select **Internet Radio > Service > Add New Radio Station**.
2. Enter the address of a station. Refer to the “Text entry” section on page 18 for details about entering text.
3. When finished, press **Enter** to add it to your favorites list. Refer to the table on page 23 for favorites status.

Managing My Favorite

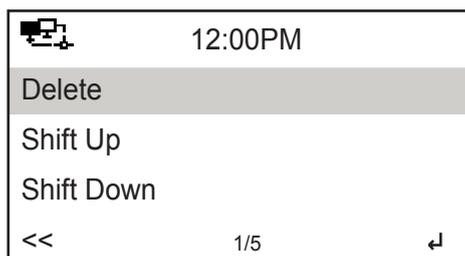
AIR3 saves up to 250 stations to **My Favorite** so that you can have quick access to preset stations.

To manage your favorites list:

1. Press the **Favorite** button (♥) on the remote control or select **Internet Radio > My Favorite** from the main menu. A list of preset stations displays.
2. Highlight a station on the list and press the **Right** button to display the submenu as the following.



You can also connect to the highlighted station directly by pressing **Enter**.



3.
 - **Delete:** Select to delete the station.
 - **Shift Up/Down:** Select to change the order of the preset stations.
 - **Rename:** Select to rename the station.
 - **Play:** Select to connect to the station.

Other settings

Configuration

Selecting **Configuration** from the main menu allows you to configure the AIR3 setups including **Network, Clock, Alarm, Language, Dimmer, Sleep Timer, Buffer, Weather, Version Update,** and **Reset**.

Network

Refer to the **Network Setup Guide** for details.

Clock

The **Configuration > Clock** option allows you to set the time/date and a format for displaying time. The first time you turn on the device and connect it to the network, the display shows Greenwich Mean Time (GMT). Set the **hour** according to your **time zone**, and through Network Time Protocol (NTP), a clock synchronization solution on the Internet, the device will synchronize its clock with accuracy as long as it is connected to the network.

- **Set Date and Time:** Select to set the time and date. Refer to the “Text entry” section on page 18 for details about entering numbers.
- **Set Time Format:** Select between the **12Hour** and **24Hour** format.



-
- You can check Greenwich Mean Time (GMT) under the **Information Center** menu.
 - Reset the hour for the device once you are in a different time zone.
-

Alarm

This option allows you to turn on/off the alarm or program a nap alarm that wakes you up in a fixed period of time. Pressing the **Alarm** button () on the remote control can activate/deactivate a programmed alarm or select the alarm settings.

To program an alarm:

1. Go to **Configuration > Alarm > Turn On (1)/(2) or XXX Minutes (NAP)**.



You can program two different alarms or set a nap alarm that will set off after XXX minutes.

2. Select **Set Alarm Time** and enter values. Refer to the “Text entry” section on page 18 for details about entering numbers.
3. Select **Set Alarm Sound** to choose a sound type from **Beep**, **Melody**, **Radio** (the station you last listened to), and **iPod** (the iPod music you last played).
4. The icon will appear at the upper right corner of the display to indicate that the alarm function is activated.

Ensure that the device is in standby mode at the set time, or the alarm will not set off. When the alarm sets off, press any button to stop it.

Language

Refer to page 17 for details about language selection.

Dimmer

The **Configuration > Dimmer** option allows you to adjust the brightness of the device backlight. You can also shift the backlight mode by pressing the **Dimmer** button () on the remote control. Three modes are available:

- **Turn Off:** Select to turn off the backlight.
- **Power Saving:** Select to turn down the backlight.
- **Turn On:** Select to turn on the backlight.

Sleep Timer

The **Configuration > Sleep Timer** option allows you to select a preset amount of time after which the device shuts off. You can also set the sleep timer by pressing the **Sleep** button () on the remote control. When this function is activated, the XXX icon will appear at the upper right corner of the display, XXX signifying the minutes left. Six options are available: **Turn Off, 15 Minutes, 30 Minutes, 60 Minutes, 90 Minutes,** and **120 Minutes.**

Buffer

The **Configuration > Buffer** option allows you to set the buffer to hold data received for a certain amount of time. Setting a longer buffer makes the data transfer more smoothly but takes you longer to wait. If you are connecting to a station, there will be an icon signifying the buffer length you set:

- **2 Seconds:**
- **4 Seconds:**
- **8 Seconds:**

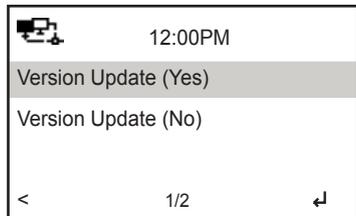
Weather

The **Configuration > Weather > Standby display > Turn on standby display** option allows weather forecast to be displayed in standby mode. You can select the **Temperature unit** between Centigrade (°C) and Fahrenheit (°F).

Version Update

If a new firmware version comes up, you will see this pop-up message. Select **Version Update (Yes)** to download the latest version.

If you select **Version Update (No)**, You can still download the latest version later:



1. Go to **Configuration > Version Update** and select the item (a string of numbers) you are allowed to download.



- If there is no item displayed, it means your current firmware version is the latest.
- The device will download the latest station list version automatically as long as it is connected to the network. The station list version is signified by the last four digits of the number string.

2. Select **Yes**. A countdown timer displays to count from 60 seconds. Wait until the device reboots.
3. Go to **Configuration > Version Update** to check if the version name is different from the previous one.



Do not turn off the device while the update is proceeding.

Reset

The **Configuration > Reset** option allows you to reset the device to its factory default settings. Your favorites lists and network settings will not be erased.

Weather forecast

Standby mode display

Information Center

UPnP playback

Troubleshooting

Read the following Q&As for troubleshooting guide. If these do not give you answers, you may contact us directly at the contact information provided on this manual's inside cover.

Why is it that I cannot hear anything from the speakers?

- Some stations may not have 24-hour broadcasts. You cannot hear anything if the stations do not send out any programs.
- Either your AIR3 speakers are muted or the volume is too low. Turn up the volume or press the **Mute** button (🔇) to cancel the muted mode. If you are using additional speakers, make sure that the connected speaker system is powered on.

I have connected AIR3 to my playback device but there is no sound coming out.

- Ensure that you have plugged the audio cable to the **AUX IN** jack on AIR3 and have pressed the **AUX mode** button (AUX/🎧) to switch the device to that mode.
- In AUX mode, neither AIR3 top panel buttons nor the remote control works on your playback device.

Why is it that I cannot activate UPnP?

You need to connect both your PC and AIR3 to the same network.

What can I do if my AIR3 crashes?

Press the power switch on the rear panel to turn off the device, and then switch it on again.

I have set the alarm but it did not set off.

The alarm will set off only in standby mode.

The wireless connection is not stable.

- Establish a wired connection to test if your network is reliable.
- If the wired connection is more stable than the wireless one, use the LAN connection instead.

Why does the list of online radio stations change?

The addresses of the Internet radio stations may vary, so ASUS technicians update them regularly. Your AIR3 will obtain the latest list automatically as long as it is connected to the network. Your device functions as usual while the update is proceeding (1–2 minutes).

I have had a station in mind but it is not shown on the AIR3 station list.

- Go to **Home > Internet Radio > Service > Add New Radio Station** to enter the station address.
- Contact us at <http://vip.asus.com/eservice/techserv.aspx> (recommended).

I cannot connect to certain radio stations.

The accessibility to online radio stations vary with the network bandwidth in different countries. Failed connections may be due to the following:

- The network bandwidth in the country you want to connect to is narrow. We recommend an ADSL/Cable Modem bandwidth of at least 1M bps.
- Internet congestion.
- The radio stations do not provide enough bandwidth.
- The radio stations are under repair or no longer exist.

If you still cannot connect to some radio stations, contact us at <http://vip.asus.com/eservice/techserv.aspx>