

TRIO TOUCH DAB+ MICRO SYSTEM WITH DOCK FOR iPHONE



Toll Free Service and Warranty: 1800 509 394
The Gold Technical Support Line: 1902 215 259
(Charges will apply at \$2.95 per minute for gold technical support only)

Introduction

Thank you for buying this **GRUNDIG** product, which is designed to give you many years of trouble-free service.

You may already be familiar with using a similar unit, but please take the time to read these instructions.

Safety is important

Your safety is very important. Please therefore, ensure you read the “Safety Instructions” **before** you operate this unit.

Warranty

In the unlikely event that your product fails to work normally, please call one of our qualified service engineers on either of the below toll free phone numbers to discuss any issues directly.

Australia.

GRUNDIG Warranty: 1800 509 394

New Zealand

GRUNDIG Warranty: 0800 450 259

Safety Instructions

Ensure that you read all of the safety instructions before operating this unit.

Safety Considerations

- Ensure that the power cable and other connected cables are protected and are positioned so that they are not likely to be walked on, pinched or damaged.
- Do not position the unit in areas where it may experience humid or damp conditions.
- Do not allow the unit to get wet. You must keep it away from dripping or splashing water.
- Never allow children to insert foreign objects into the holes or slots on the unit.
- Do not cover the ventilation holes with items such as tablecloths or curtains, etc. This may cause the unit to overheat.
- No naked flame sources, such as candles, should be placed on or near the unit.
- Do not place objects filled with liquids, such as vases or jugs, on or near the unit.
- Do not place the unit in a closed cabinet without proper ventilation.

Cleaning

- Disconnect the unit from the mains supply before cleaning.
- Do not use any liquids or aerosol cleaners, as this may damage the unit.
- Use a dry, soft, dust free cloth.

Servicing

- There are no user serviceable parts in this unit. When servicing, refer to qualified service technician.
- Consult your retailer if you are ever in doubt about the installation/operation/safety of the product.

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TRIO TOUCH Micro System

Carefully remove your **DAB+ Micro System** from the box. You may wish to keep the packaging for future use.

In the Box

Inside the box you will find:

- DAB+ Micro System (Main Unit)
- Power Adapter
- Remote Control
- iPod/iPhone docking cradles 5pcs
- Stripped Speaker cable x 2sets (20cm and 200cm length)
- User Guide

Positioning your DAB+ Radio

Place your **DAB+ Receiver** on a flat and stable surface. Make sure it is not subject to vibrations or movement.

Avoid the following locations:

- Where it will be close to heat radiating sources
- Where humidity is high and/or there will be poor ventilation
- Where it will be dusty
- Where it will be damp or a possibility of water dripping or splashing onto the unit.

Adjusting the Antenna

The aerial should be extended to ensure good reception in both DAB+ and FM radio modes. It may be necessary to alter the position of the **DAB+ Radio** and /or aerial to achieve the best signal.

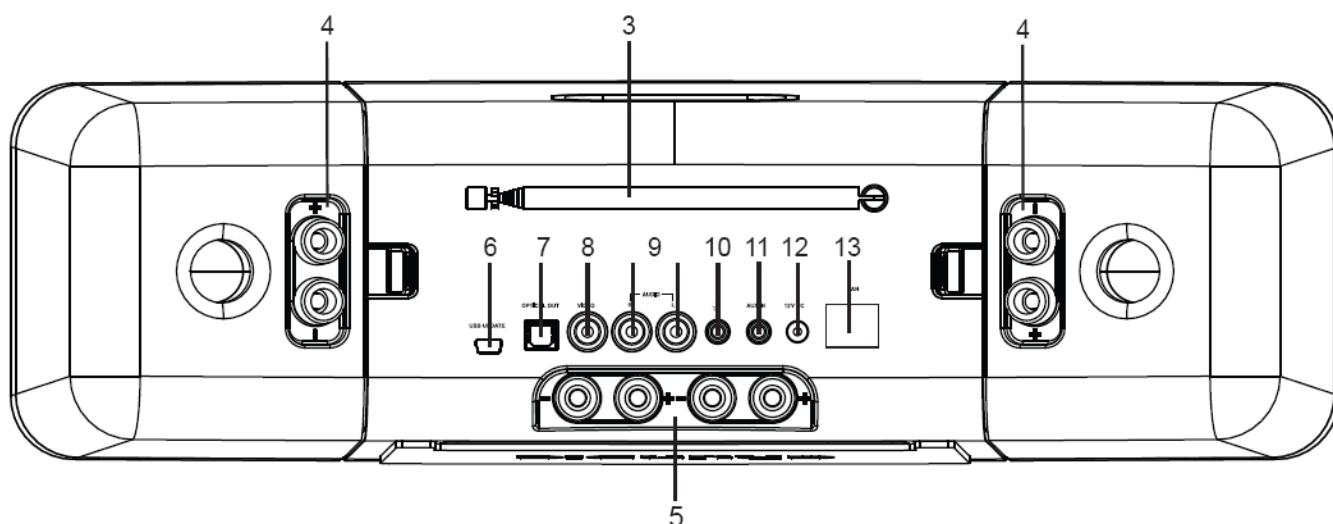
Using Headphones

To listen to your DAB+ Radio via Headphones, you will require headphones with a 3.5 mm diameter stereo plug (not included). The Headphone Socket is located on the back of the unit. Plug the Headphone Jack into the Headphone socket and the speaker sound will automatically turn off once the headphones are plugged in.

Turning the Unit On/Off

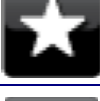
Connect the power adaptor to the DC jack on the back of the unit. Then insert the power adaptor into the desired wall outlet. Press and hold the Volume Knob to turn on the unit. To turn off the unit press and hold the Volume Knob again.

TRIO TOUCH Micro System



- | | | |
|-------------------|---------------------------|---------------------|
| 1. Volume Knob | 6. USB update | 11. Auxiliary Input |
| 2. LCD Display | 7. Optical Output | 12. DC Input |
| 3. F-Type Antenna | 8. Composite Video Output | 13. LAN Connector |
| 4. Speaker Jack | 9. Audio Output (R/L) | |
| 5. Speaker Jacks | 10. Headphone Output | |

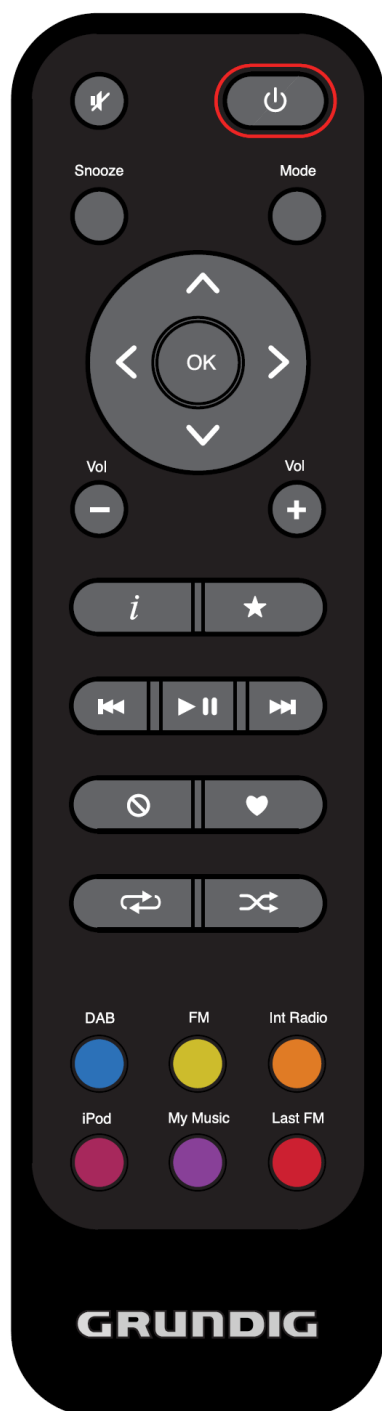
TRIO TOUCH Micro System

Icon	Function
	Press the Home Button to enter the Main Menu. Press again to return to play display.
	Press the Close Button to close the menu or current display.
	Press the Return Button to return to the previous screen.
	Press the Volume Button to select the Volume Setting. This will allow you to increase or decrease the Volume or select Mute.
	Press the Directory Button in DAB+ and Internet mode to view the station list and to scroll through the possible stations.
	Press the Preset Button to access your favourite DAB+ or FM stations quickly.
	Press the Preset Button to add a station to the preset list.
	Press the Info Button to view more information about the station or track playing.
	Press the Stop Button to stop play.
	Press the Play/Pause Button in iPod mode, to start or to pause play.
	Press the Skip Button in iPod mode, to skip forwards to the following track in the current playlist.

TRIO TOUCH Micro System

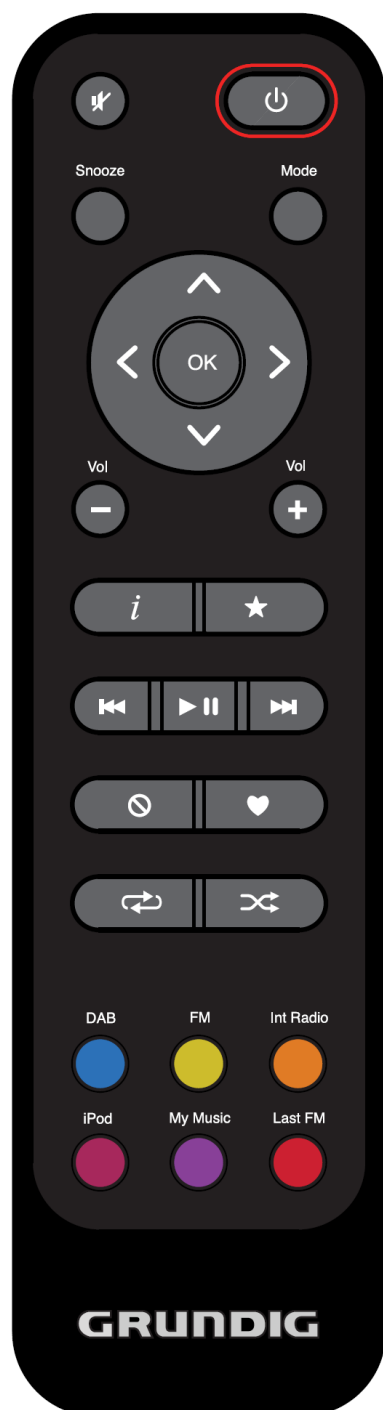
Icon	Function
	Press the Next Button in iPod mode, to skip backwards to the previous track (or to the beginning of the song currently playing) in the current playlist.
	Press the Love It Button in Last FM mode to highlight a song you love and activate the Love function in Last FM to find songs that you may also like.
	Press the Ban It Button to Ban a song you don't like in Last FM, so you never have to hear it again.
	Press the Shuffle Button to shuffle the play list you are listening to.
	Press the Repeat Button to repeat play of a song or playlist.
	Press the Volume Knob to turn the unit on or off. To change the volume level, turn the Volume Knob up or down.
ANTENNA	It is recommended that you extended the antenna to ensure that you get the best possible reception.
SPEAKER JACKS	The Speaker Jacks are where you connect the speaker cables to the unit. You will receive two cables to so you can design the distance between the main unit and your speakers.
USB INPUT	The USB Input allows for your Trio Touch Micro System Software to be upgraded when and if required.
AUX IN	The Auxiliary Input allows you to connect any external audio device like and MP3 Player to the unit via a 3.5 mm Auxiliary Cable.
12V DC IN	The DC Input is where you connect your power adaptor to the unit.
OPTICAL OUTPUT	The Optical Output allows you to connect the unit to your Hi-Fi system to obtain great digital good sound quality.
COMPOSITE VIDEO OUTPUT	The Composite Video Output allows you to connect the unit to your TV to watch movies from your iPod/iPhone on your TV.
AUDIO OUTPUT (R/L)	The Audio Output allows you to connect the unit to another AV device or to provide audio to your TV to watch movies from your iPod/iPhone.
HEADPHONE OUTPUT	The Headphone Output allows you to connect your Headphones for private listening.
LAN Connector	The LAN Connector allows you to connect to your home or office broadband internet to listen to Internet Radio.

Remote Control



Icon	Function
	Press the Standby Button to turn the on or off.
	Press the Mute Button to mute the sound (this will completely turn of the unit sound). Press again to turn sound back on.
Snooze 	Press the Snooze Button to activate the snooze function when the alarm goes off.
Mode 	Press the Mode Button to switch between iPod, Auxiliary Input, DAB+ and FM Radio modes.
	Press the Up/Down/Left/Right Buttons to scroll through the menu options. Press the OK Button to confirm menu options and settings.
Vol - 	Press the Vol - Button to turn down the volume.
Vol + 	Press the Vol + Button to turn up the Volume.
	Press the Info Button to view the station or track information.
	Press the Preset Button to access your favourite DAB+ or FM stations quickly.
	Press the Rewind Button in iPod mode, to skip backwards to the previous track (or to the beginning of the song currently playing) in the current playlist.
	Press the Play/Pause Button in iPod mode, to start or pause play.
	Press the Skip Button in iPod mode, to skip forwards to the following track in the current playlist.

Remote Control



	Press the Ban It Button to Ban a song you don't like in Last FM, so you never have to hear it again.
	Press the Love It Button in Last FM mode to highlight a song you love and activate the Love function in Last FM to find songs that you may also like.
	Press the Repeat Button to repeat play of the iPod or Aux In track currently playing. Press continually to scroll through repeat options.
	Press the Shuffle Button to select the shuffle option in iPod or Aux In Mode.
DAB+ 	Press the DAB+ Button to enter the DAB+ Digital Radio mode.
FM 	Press the FM Button to enter the FM radio mode.
Int Radio 	Press the Int Radio to enter Internet Radio mode.
iPod 	Press the iPod Button to enter the iPod mode.
My Music 	Press the My Music Button to enter the My Music mode.
Last FM 	Press the Last FM Button to enter Last FM mode.

Touch Screens

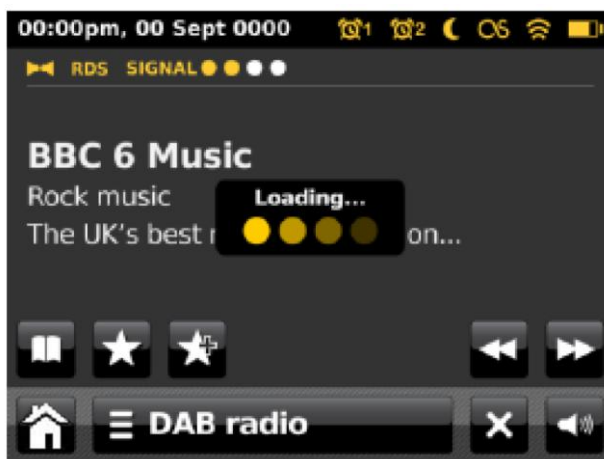
The Trio Touch Micro System touch screen displays four types of screens including; Menu, Now playing, Dialogue and Standby (Clock). You will come across all of these screens when using the Trio Touch and they are explained below.

Please note: When text is too long to fit on the screen, it is first shown condensed, then, after a few seconds, slowly scrolls so that you can read it all.

The **Menu** screen is the main screen to navigate around your Trio Touch functions and settings. There are nine touch icons on the Menu screen including; iPod, DAB+ Radio, FM Radio, Internet Radio, Last.fm, My Music, AUX-In, Alarm and Settings. These touch icons are the key functions of the Micro System and will be described in detail throughout this manual.



As you touch the icons on the **Menu** screen, the Trio Touch enters the selected mode and will start playing the last station or track that was played. If this is not possible, the Trio Touch will connect to the selected source by scanning for all available stations, networks, or prompting for user input as appropriate.



The **Now playing** screen will display the audio information about the station or track that is playing.

Touch Screens



Each **Menu** screen has a **Mode menu** with each functions own specific settings and options. For example, the DAB+ radio mode menu has five options: Scan, Edit Favourites, DRC, Manual Tune and Prune Invalid Stations.



The **Dialogue** screen is the screen that is displayed when the Trio Touch asks you to enter the relevant information and allows you to change the settings. The **Dialogue** screens vary in complexity from simple Yes/No options up to scrollable network password input screens.



The **Standby** screen shows the time, date and will display the snooze time countdown (if it has been set) and any active alarm times.

iPod Mode

The first mode that is displayed on the **Menu** screen the iPod mode. Your Grundig Trio Touch Micro System will dock your iPod or iPhone. You will have full control and charging capabilities while you listen to your favourite tunes. You can control either your iPod or iPhone through your touch screen or remote control.



iPod mode

1. Select the correct iPod cradle for your model and insert it into the dock area. Make sure it clicks in.
2. Place your iPod into the dock cradle and click it in to sure it is connected firmly and will operate as outlined above.
3. Once it is connected your Trio Touch Micro System will ask you if you wish to switch to iPod mode, select yes and it will begin to play the last song listened to.
4. You will now be able to use either the touch screen or remote control to make your selections.
5. Touch the  icon to switch between play and pause. You can use the  and  icons to navigate through the tracks.
6. To play a video from your iPod you must connect the Trio Touch Micro System to your TV or computer monitor using the Composite Video Output Sockets.
7. Once it has been connected, press play to play the video and you will be able to use the remote control or keypad as normal.

The remote control has some additional controls not present on the main unit including; shuffle, repeat, next/previous and iPod menu. Please refer to the remote control information to understand these functions.

Please Note: If authentication is taking longer than 30 seconds, try removing the iPod/iPhone and insert again.

Compatible models

Marking	iPod Model
1	iPod Nano 4th Gen
2	iPod Nano 3rd Gen
3	iPod 5th Gen Video (30GB); iPod Classic (80GB)
4	iPod 5th Gen Video (60, 80GB); iPod Classic (160GB)
5	iPhone 3G/3GS; iPod Touch 1st and 2nd



Using DAB+ Radio

To enter the DAB+ Radio mode, touch the DAB+ icon on the **Menu** screen. The unit will then display the DAB+ mode and play the last station listened to or the first station found after a DAB+ station scan has been conducted. Your DAB+ Radio will receive all DAB+ Digital Radio Stations (relevant to your location) and will display all DLS information broadcasted by the DAB+ Stations.

Scanning and Storing DAB+ Stations

When you first turn on your Trio Touch it will automatically perform a full station scan and store all available stations to your location. However it is recommended that you conduct a full scan upon turning on the unit as well to ensure all stations are found and stored.

To conduct a full DAB+ scan, touch the **DAB+ Menu Bar**  and then select Scan. The scan will begin straight away. Once the scan is complete, the radio shows a list of available stations.

If you wish to only scan from strong/good signal strength stations, touch the **DAB+ Menu Bar**  and then select Manual Tune. A list of available frequencies will be displayed and you can scroll through the list and select the desired frequency you wish to tune.

To remove all weak stations from the stored station list, touch the **DAB+ Menu Bar**  and then select **Prune invalid stations**. This will remove all stations with a question mark next to them which will be a weak signal station.

Selecting a Station

To listen to or change a DAB+ station, touch the **Directory Button** to view the DAB+ Station list, then use your finger to scroll through the list and then press the station you wish to play. You can also use the **Next Button** to scroll through the stations. Once you have selected a station it will begin to play automatically and the station information will be displayed on the screen.

Station Presets

To store a DAB+ preset, touch the  Add Preset Icon and the display will show **Favorite added**. You can set up to 10 presets in DAB+ mode. Presets allow you to access your favourite stations easily.

To play a station preset touch the **preset**  icon and then select one of the listed preset stations.

To edit the favourites or preset list, touch the **DAB+ Menu Bar**  and then select Edit Favourites. You will be able to delete presets you no longer wish to store.

DAB Radio Mode

Now Playing Information

While you are listening to your desired DAB+ station the Trio Touch screen will display the DLS (Dynamic Label Segment) information that is being broadcast by the station. You will receive real-time information such as the program name, track title and contact details. Stereo broadcasts are indicated with an icon at the top left of the screen.

To view further information as shown below, touch the **information**  icon. A screen will appear displaying information such as station ensemble, frequency, error rate, signal strength, codec, bit rate and sampling rate.

DAB+ Settings

Dynamic Range Compression (DRC)

If you are listening to music with a high dynamic range in a noisy environment (for example classical music while cooking), you may wish to compress the audio dynamic range. This makes quiet sounds louder and loud sounds

quieter. To change the DRC level, touch the **DAB+ Menu Bar**  and then select the DRC option. Once DRC is selected you can then set the DRC lever to Off, Low or High.

Station Order

In the DAB+ Settings Menu, you can choose the order that the DAB+ Station list appears including Alphanumeric – listing stations by number and then alphabetically, Ensemble - lists groups of stations that are broadcast together on the same ensemble or Valid which lists all valid stations first, alphabetically, then off-air stations.

To change the station order, touch the **DAB+ Menu Bar**  and then select the **Station Order**. You will then be able to press the Station Order option you wish to set.

Your FM Radio will receive all FM Radio Stations (relevant to your location) and will display RDS information depending on whether the broadcaster is currently broadcasting this type of information.

To enter FM mode, press the FM icon on the **Menu** Screen or Remote Control and the display will show the FM station information as well the frequency band.

FM Radio Mode

Selecting a Station

To find and play a FM station, touch the  Button to select the Auto Tune Function which will scan to the next available station by pressing the  or  icons. The frequency display starts to run up or down as it scans the FM band and stops when it finds an FM Radio Station.

You can also manually search for a particular frequency by deselecting the  icon and then pressing the  or  icons. You can also touch the frequency band to select an exact station.

To store an FM preset, touch the **Add Presets**  icon and favourite added will be displayed on the screen. You can select one of the 10 presets to store.

To select a preset, touch the **Preset**  icon briefly, then select one of the listed preset stations displayed in My Favorites.

Now Playing Information

While the stream is playing, the screen shows its frequency, or if RDS information is available, station name and any further RDS information such as program name, track title and contact details. If no information is available, just the frequency is shown. Stereo broadcasts are indicated with an icon at the top of the screen.

FM Settings

Scan Settings

By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations. To change the scan settings to stop at only stations with good signal strength touch the **FM Menu Bar**  then select the '**Stop On Stations**' option. Then you will be able to select either **All** –this will allow the Auto Tune to scan to all channels and **Strong**- this will set the Auto tune to only scan for strong stations.

Audio Settings

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss). To play weak stations in mono, touch the **FM menu bar**  then select the **Forced Mono** Option and press yes to confirm.

Internet Radio Mode

To enter the Internet Radio Mode, touch the Internet Radio Icon from the Menu Screen and this will take you to the Internet Radio playing screen.

Please Note: The station list menu is provided from the Internet radio portal, so it is only accessible when the Trio Touch is connected to the Internet. Station lists and submenus may change from time to time.

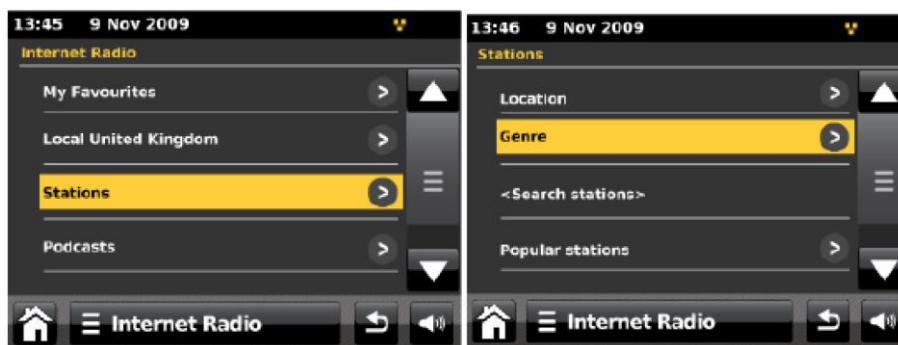
To find an Internet Radio Station, there are a few ways of selecting a station, including; by touching the icon, by pressing the Directory Icon or selecting Last Listened to.



Directory Menu

If you select the Directory Icon on the touch screen you will enter the Directory Menu. From here you can view your internet radio favourites list or you can search for station or programs by Country, Genre, Most Popular or Newest. There is also a search function where you can enter the name of a station you are looking for on the Touch Screen Keypad. Also you will be able to view the 'My Added' stations list.

To browse the internet broadcasts available on your TRIO Touch Micro System, touch the **Directory Icon** and then press the station list option. You will then be able to choose between either stations or podcasts. Then you can scroll through the list of stations or podcast to find the one you wish to listen to.

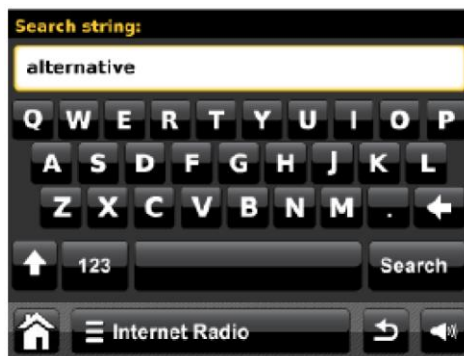


You can also search for an exact station or podcast by using the Touch Screen keyboard or you can use a particular keyword to search. To enter the search function, touch the **Directory Icon** and then press the station list option. You will then be able to choose between either stations or podcasts. Once you have selected either stations or podcasts you can then scroll down to Search as shown below.

Internet Radio Mode



A keyboard display will then appear and you will be able to enter a keyword by selecting characters as shown below. Once you have entered your keyword or title, press **Search**.



Once search is complete a list of stations or podcast will appear scroll through the list to find the station you wish to play and press that station to play.

Also in the Directory Menu is the Added Station list. Even though the Internet Radio portal contains thousands of stations, you may want to listen to stations not listed. You can add your own stations via the portal and Add Stations Function. These added stations are accessible by touching the **Directory Icon** in the Internet Radio Mode. Select **My Added Stations** option and then enter the station name you would like to add. Once found this will be stored in this list for easy access.

Last listened

When entering Internet radio mode, the last-listened to station is automatically selected. To select another recently used station, touch the **Internet Radio Bar**  and then select **Last listened**. The most recent stations list will appear and you can browse through your station history to find your desired station.

Favorites

You can select and store your favourite Internet Radio stations through your internet portal. This means that all

Internet Radio Mode

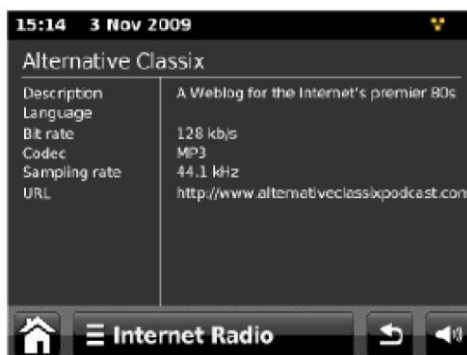
Internet Radios registered on the same account will share the same station information. Before favorites can be used, the radio has to be registered with the Internet Radio portal.

To store a playing station as a favorite, touch the **Add Presets**  icon and "Favorite added" will be displayed on screen and the station will appear in the default favorites list.

To play a favourite station, touch the **Directory Icon** and then select '**My Favorites**'. The favourite's station list will appear and you will be able to select the station you wish to listen to.

Internet Radio Information

While listening to your Internet Radio you can view detailed information about the station being played, including the name and description. To view further information, touch the **Information**  icon. A screen will appear displaying information such as description, metadata, genre, bit rate, codec and sampling rate.



Last FM Mode

Before you can use Last.fm, you need to create an account through the Last.fm website. You can then start to listen to radio stations based on particular artists or tags or genres.

Last.fm is available on various platforms and computer media players; any personalization you make to your account from one platform is reflected on the others.

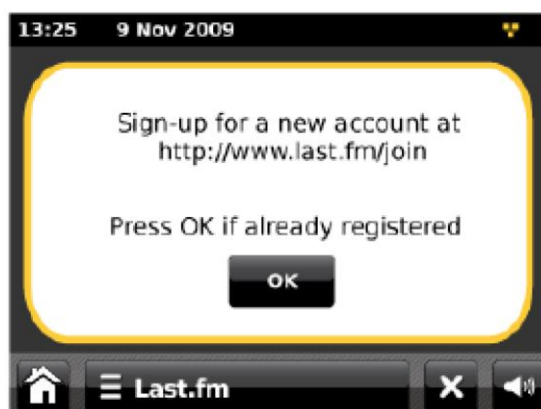
Last.fm has a strong emphasis on interaction with other listeners, sharing your favorite music and exploring other users' playlists and stations, both directly, and through social networking sites like Facebook. For more information and to create your own account, visit the Last.fm website at <http://www.last.fm>.

To enter Last.fm Mode just touch the Last.fm Icon on the **Menu** Screen. The Last.fm display will then appear and ask you to enter your account details. Use the touch screen keypad to enter your details.

Last FM Mode



To add an account manually, select the **Last.fm Menu Bar**  and then select **Add new account**. Here you will enter your account details including user name and password.



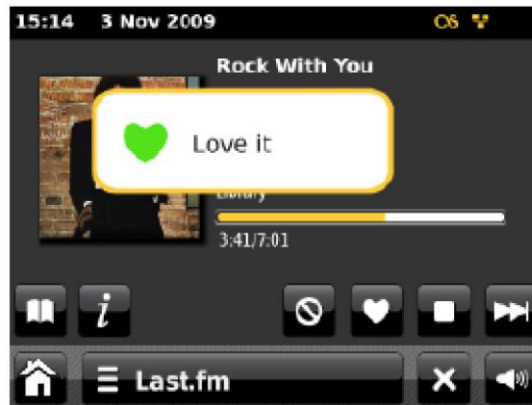
To get the best out of Last.fm, you can 'scrobble' all the tracks that you've listened to, both with Music player and Last.fm modes) or a computer media player with the right software plug-ins. This will allow Last.fm to scan and store your track and then add them to the Last.fm library. Last.fm will now be able to tailor music recommendations & suggest friends based on your musical tastes. You can playback your Last.fm library by selecting the My Library Station.

To turn 'scrobbling' on or off, select the **Last.fm menu bar**  and then select the **Scrobbling** option. You will then need to select **Yes** or **No**.

You can also influence the music Last.fm plays you by loving and banning tracks. If you love a track and want to hear more by this artist or similar music, just touch the **Love it**  Icon to indicate loved tracks (which scrobbles them even if scrobbling is off). If you hear a song you hate and don't ever want to hear it again then just touch the **Ban it**

 Icon to ban a track from playing again (and avoid similar tracks).

Last FM Mode



There are several types of ways you can enjoy your Last.fm Music Mode. To choose one, select the **Last.fm menu**

bar  and then select **Station list**. The following options are available:

Your Library

You Library will play all tracks 'Scrobbled' from your profile, or tracks by artists you've added to your library. You can edit this list on the Last.fm website.

Your Recommendations

Your Recommendations will play all tracks recommended to you based on your music profile and that of other listeners with similar tastes.

Your Loved Tracks

Your Loved Tracks will play all tracks you have rated as loved . This option is available only with a paid Last.fm subscription, available from the Last.fm website.

Your Neighbourhood

Your Neighbourhood will play all tracks from the libraries of people on Last.fm with similar music taste to yours.

Artist Radio

Artist Radio will play a selection of tracks by certain artists or similar artists. Pick an artist by entering their name or part of their name (you don't have to enter the full name, so for example to find Led Zeppelin you can just enter LED), then pick an artist from the list of search results and then select OK.

Tag Radio

Tag Radio will play a selection of tracks tagged with certain keywords. Pick a tag word or genre by entering a word or phrase (It's advisable to be as exact as possible, for example BOLLYWOOD rather than BOLLY because tags

Last FM Mode

are user-generated, so there tend to be many spurious tags connected to only a few tracks, which may then give an insufficient content error). Pick a tag from the list of search results and select OK.

History

History will play the last tracks you have listened to, most recent first (you cannot select a track from the list and then listen to it again on demand).

If you are new to Last.fm, it is best to start off with *Artist* or *Tag Radio*.



My Music Mode

My Music Mode plays audio files such as MP3s, AACs, WMAs or FLACs from a computer on the local network. This is where your music files will appear when you stream music from your PC or MAC.



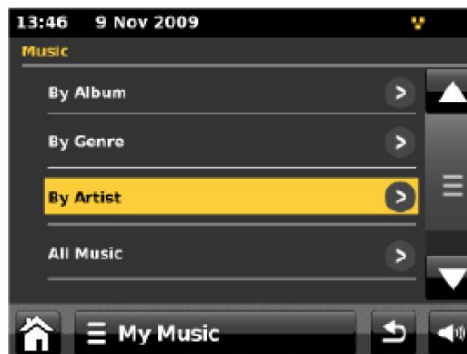
To enter Music player mode, touch the **My Music** Icon on the **Menu** screen and then the Music Mode display will appear. You will then be asked to select the music source, touch either the **Shared Media** or **My Playlist** option.

If you are already playing a music file, you can press the **Directory** Icon too quickly return to the last visited menu screen.

My Music Mode

You can use the  and  to move through the music tracks. Press and hold to rewind or fast forward while playing a track or press quickly to select previous or next track.

Trio Touch can only play music and playlists. There is also a search function, which finds tracks in a similar way to Internet radio search. You can browse for shared music in the following categories as shown below; By Album, By Genre, By Artist and All Music or you can do a manual search as outline in the Internet Radio Section.



Once you have found a track you want to play, touch the track title. A short press plays the track immediately and a long press changes the list to **Edit** mode. In Edit Mode you can create a favourites list, by pressing the '**Add Presets**'  icon. You can select a track, folder or entire album.

Your Trio Touch will play either the selected track or the playlist entered from the music source menu.

My Playlist

My Playlist is a collection of songs added by the user from the Shared Media Favourites list.

Shared Media from PC

If you have set up shared media before, you should see an entry consisting of <computer name> : <Shared media name>. If you have more than one computer sharing media, the alternatives will be listed. Select the shared media you want to play.

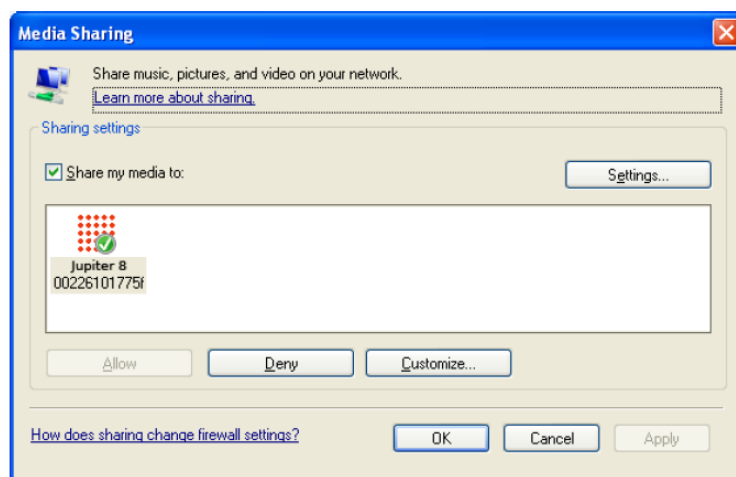
From this point on, the menus are generated from the shared media server. The most common UPnP server is Windows Media Player (10 or later). Alternatively, other UPnP platforms and servers may be used.

To set up the Windows Media Player (WMP) for media sharing, please follow the step below. Please ensure that you follow these correctly to ensure you connect your radio and sharing device correctly.

1. Ensure that the sharing device (PC/MAC) is connected to the network and make sure the radio is on & connected to the same network.

My Music Mode

2. In WMP, add to the media library the audio files and folders you want to share with your Grundig Trio Touch Radio (Library > Add to Library).
3. Then in WMP mode on your PC or Mac, select the media sharing options (Library > Media sharing) to enable the radio and PC or Mac to share music files.



Make sure that the radio has access to the shared media by selecting 'Allow' on your PC or Mac. When you have selected 'Allow' you will be able to set a name for the shared media file in the settings option, as seen above. Press OK to confirm and close. Your sharing device is now ready to stream the music to your Trio Touch Micro System. The WMP UPnP service runs in the background; there is no need to start WMP explicitly.

Aux-In Mode

Your Grundig Trio Touch Micro System has an Auxiliary Input which allows you to connect your MP3 Player or any other Audio Output device.

Aux In mode

1. Connect your external music device to the Auxiliary Input via the auxiliary cable make sure it is connected firmly.
2. Once your music device is connected to your Trio Touch Micro System, press the **Aux-In Icon** on the touch screen or on the remote to enter Aux In mode. Once connected the Trio Touch will begin to play music/song from your music device.



Alarm

Your Grundig Trio Touch Micro System has dual alarm function so you can set two alarms at once. The two versatile wake-up alarms have snooze facility (to let you sleep a little longer) and a sleep function (to turn the system off after a set period).



To set or change an alarm, select the **Alarms Icon** on **Menu** screen and then follow the onscreen prompts to set the alarm. You will first need to select the alarm number (1 or 2) followed by turning the alarm on or off. Next you will be asked to set how frequently you would like your alarm to activate, this maybe; once, daily, weekday or weekend. You can choose the alarm mode from; DAB + Radio, FM Radio, iPod, Internet Radio, Last.fm, or Buzzer. The final step you need to set is the volume. Once this is selected you are finished. The screen will show an active alarm icon at the top right of the screen.

At the set time, the alarm will sound. To temporarily silence it, touch the **Snooze** icon. You can change the snooze time period by selecting **Settings** then **Miscellaneous Settings** and then **Alarm Snooze** option. The radio will snooze to the selected amount of time in standby mode. When the snooze time is up the alarm will sound again.



Settings

The system **Settings menu** allows access to system settings and information such as Time Settings, Alarms Settings, EQ Settings, Network Settings and Miscellaneous Settings. Menus with more options will have a scroll bar. The scroll bar to the right of the screen shows if there are further options above or below those visible.



Time Settings

A range of time settings are available; which include the functionality to set; Time zone, Daylight Savings, Time Source (whether from Internet Radio, DAB+ Radio, FM Radio or None), Manual Time Set-Up and Time Format (12h or 24h).

To select each setting press the Time Setting you wish to change and then follow the onscreen prompts to change the setting.



EQ Settings

The EQ setting allows you to change the Bass, Treble and Loudness levels of the Micro System. There are several preset EQ modes are available including; Normal, Classic, Jazz, Pop, Rock and Speech. You can also set you own EQ, as shown on the next page.

To change the EQ simply touch the EQ setting you would like to switch to. When you select custom, the custom EQ Setting will be displayed and you can use the arrows or your finger to set the Bass, Treble and Loudness levels.

Settings



Network Settings

Trio Touch remembers the last four wireless networks it has connected to, and automatically tries to connect to whichever one of them it can find.

You can see the list of registered networks through the Network Setting option. Press the Network Setting option then select **Network Profiles**. From here you can delete unwanted networks by pressing the trash icon then confirming by pressing yes.

There are also other options for viewing and manually altering network settings, for example setting up a wired network. Users experienced with networking may find these options useful for diagnosing and fixing any network problems that may arise. Just follow the prompts on the screen to amend these settings.

Miscellaneous Settings

The Miscellaneous Settings has a wide range of unit settings that you can amend if you wish. This includes; Language (this allows you to change the onscreen language that is displayed), Alarm Snooze, Idle timeout, Sleep(as outlined above), Standby Backlight Off, Software Update, Check for Updates, Software Version (will display the software version currently being used by this unit) and Factory Reset.

You can set these setting easily by following the onscreen promotes. However we have highlighted the key settings to help you further.

Idle Timeout

When you are in FM/DAB+ mode and the screen is idle or you haven't pressed any buttons for a certain period, the screen will change to idle screen. The Idle screen will display the station name and logo. In the System menus you

Settings

Alarm Snooze

When the Alarm sounds and you would like to sleep for a little longer you can press the Snooze Button to enter snooze mode. Your alarm will then snooze for the preset time you set in the Miscellaneous Settings. You will be able to snooze for a period of 1, 2, 3, 4, 5, 7, 10, 15, 20, 25 or 30 minutes. To access the snooze function you will need to press the Home button then select the Setting Option followed by Miscellaneous Settings and then Alarm Snooze.

Once the snooze time is over the alarm will sound again. You can select the snooze option as many times as you like. When snooze is selected the radio will return to standby mode and the alarm icon will flash while the snooze function counts down.

To activate the snooze function you can either press the Snooze Button on the remote control

Standby Backlight Level

With your Trio Touch Micro System you can change the backlight (display and standby light) settings, to ensure that as bright or dull as you would like. In the backlight menu you set the Timeout time. This will be the amount of time the display will stay bright for and then fade out. You can select Timeout time between; Never, 1, 2, 3, 4, 5, 7, 10, 15, 20, 25 & 30 seconds.

Factory Reset

If you have any issues with your Trio Touch Micro System it is a good idea to conduct a factory reset. This will clear any settings which may affect the performance of your unit. But remember that a factory reset will delete all your settings including; time and date, preferences settings, DAB+ station list and presets. After a factory reset you will have to conduct a station scan to update the DAB+ Station list and reset and presets or preferred settings.

Software Update and Check for Software Update

As Grundig continually tries to improve our products to ensure you receive the highest quality product possible, there may be software upgrades available for this unit from time to time. The SW Update Option in the System Menu will allow you to conduct upgrades when required.

The check for Software Updates option will check for any over the air updates that may be implemented straight to your Trio Touch.

Product Specifications

Model Number	GMSX1000DABIP
Speaker Power	2 x 10W RMS
Power supply	AC 100V-240V, 50/60Hz, DC 12V/3A
Bandwidth	• FM radio with RDS, tuning range from 87.5MHz to 108MHz • DAB+ radio, tuning range from 174MHz to 240MHz
Inputs	• USB jack for software upgrades • Auxiliary Audio Input • Headphone Jack • LAN Connector
Outputs	• Composite video output • Digital output via optical output (only DAB+ and FM modes)
Accessories	• IR remote control • 5 iPod Cradles • Audio Cables • Power Adaptor
Dimensions	420mm x 120mm x 150mm

Troubleshooting

If a fault occurs, first check the points listed below before taking the radio for repair. If you are unable to solve a problem by following the below hints we suggest you consult your retailer or service professional.

WARNING: Under no circumstances should you try to repair the unit yourself, as this would invalidate the warranty.

PROBLEM	POSSIBLE CAUSE	SOLUTION
No sound	- Your headphones may be connected. - The volume may have been set to low. - The power cord may not be connected correctly/firmly.	- Disconnect your Headphones from the unit. - Adjust the volume level of the radio. - Reconnect the power cord firmly. - Ensure that the speaker cables are connected correctly.
Touch Screen is not responding	Electrostatic discharge or interference from other electrical equipment.	Turn the unit off and disconnect the power cord. Wait for 5 – 10 seconds, then reconnect and turn the unit back on
Radio poor reception	There is weak aerial signal or there may be interference from other electrical equipment.	- Reposition the aerial and the unit to receive the best reception possible. - Ensure the aerial is connected. - Keep the unit away from other electrical equipment, where interference is possible.
iPod/iPhone is not charging	iPod/iPhone is not connected properly to the unit.	- Remove the iPod/iPhone from the docking port and check that you are using the correct cradle - Reinsert the correct cradle and the iPod/iPhone securely. Make sure you hear it click into the unit.
Unable to operate the unit from the remote control	- There may be obstacles in between the unit and the signal - The batteries may be exhausted	- Make sure there are no obstacles between the unit and the remote control. - Move closer to the unit. - Replace the batteries.
No Internet Radios Stations are displayed in the station list	The Internet is not connect to the unit	- Ensure that you have entered the correct Wi-Fi password - Ensure your Lan Connection is secure.

Warranty

Please keep your receipt as proof of purchase. This product is warranted for any defect in the materials or workmanship for one year after the original date of purchase. This product is for normal domestic and office use only. This warranty does not cover damage from misuse or neglect, accidental damage, vermin infestation, excessive voltages such as lightning or power surges or any alteration that affects the performance or reliability of the product.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In the unlikely event that your product fails to work normally, please contact the **GRUNDIG Warranty on 1800 509 394 (Australia) or 0800 450 259 (New Zealand)** and have your receipt of purchase on hand.

This warranty is subject to the following provisions:

- It is only valid within boundaries of the country of purchase
- The product must be correctly assembled and operated in accordance with the instructions contained in the manual
- This product must be used solely for domestic purposes
- The warranty does not cover accidental damage
- The warranty will be rendered invalid if the product is resold or has been damaged by inexpert repair
- The manufacturer disclaims any liability for incidental or consequential damaged

This warranty is in addition to, and does not diminish, your statutory or legal rights.

PO BOX 6287

Silverwater NSW 1811

www.grundig.net.au

GRUNDIG Warranty: 1800 509 394 Australia

GRUNDIG Warranty: 0800 450 259 New Zealand

