MAZDA PHATNOISE
MUSIC STORAGE SYSTEM

OWNER'S MANUAL

Part No. 0000-81-Z11

Mazda North American Operations
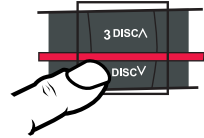
PRINTED IN USA

mazda®

Quick Start Guide

Changing Modes

Press the Disc Up and Disc Down buttons to change the Browse Mode. The displayed disc number indicates the current Browse Mode.
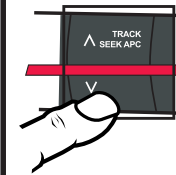
3 DISC∧
DISC∨

1— 2— 3— 4— 5— 6
Track Playlist Album Artist Genre Feature

Song Info

In Track Mode, press the Scan button to hear Track Information.

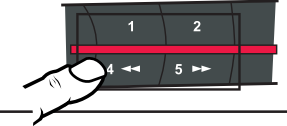## Navigating Mode Items

∧ TRACK SEEK APC
∨

Press the Track Up and Track Down buttons to navigate mode items (playlists, albums, artists, genres) one at a time.
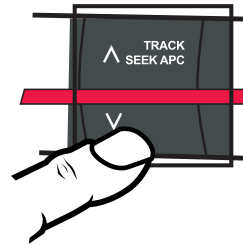
Fast Navigation

Fast Item Seek
In Playlist Mode, Album Mode, Artist Mode, or Genre Mode, press and hold FF or REW. Release to stop.

1   2
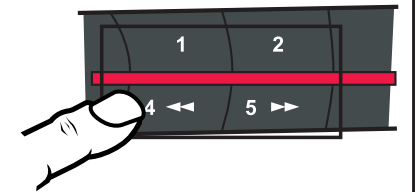4 ◄◄   5 ►►

Finding Tracks

∧ TRACK SEEK APC
∨

Press Track ▲ or Track ▼ to change tracks one at a time.
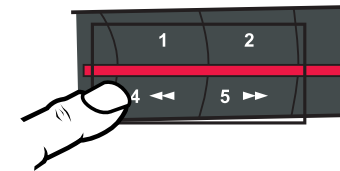
Finding Tracks Fast

Fast Track Seek
Press and hold Fast forward/Reverse button ◄◄ (4/5) ►► (5/6) within 1 second of pressing a Track button.

1   2
4 ◄◄   5 ►►

Seeking Within a Track

1   2
4 ◄◄   5 ►►

Time Seek

For normal track seeking press and hold the Fast forward/Reverse button ◄◄ (4/5) or ►► (5/6) after not pressing any button for 1 second.

There are four styles of Mazda with different physical layouts. However all of the headunits use the same controls to operate the PhatBox.

MAZDA3

This headunit model is used in the following guide's examples. The main controls are called out below.

1.	TRACK UP/DOWN BUTTONS	4.	REPEAT BUTTON
2.	SCAN BUTTON (SONG INFO)	5.	FAST FORWARD/REVERSE BUTTONS
3.	RANDOM BUTTON	6.	DISC UP/DOWN BUTTONS

MAZDA6

1.	TRACK UP/DOWN BUTTONS	4.	RANDOM BUTTON
2.	DISC UP/DOWN BUTTONS	5.	FAST FORWARD/ REVERSE BUTTONS
3.	REPEAT BUTTON	6.	SCAN BUTTON (SONG INFO)

Problem:	Cause and Solution:
While searching through lists, the voice prompt declares "Corrupt Track".	Music files on the DMS Cartridge have been corrupted or damaged. Refer to section 6 of the PhatMan Music Manager User's Manual for repair Instructions.

RX8

1. TRACK UP/DOWN BUTTONS
2. DISC UP/DOWN BUTTONS
3. REPEAT BUTTON
4. RANDOM BUTTON
5. FAST FORWARD/REVERSE BUTTONS
6. SCAN BUTTON (SONG INFO)

MIATA

Multi-Function Audio System

1. TRACK UP/DOWN BUTTONS
2. DISC UP/DOWN BUTTONS
3. REPEAT BUTTON
4. RANDOM BUTTON
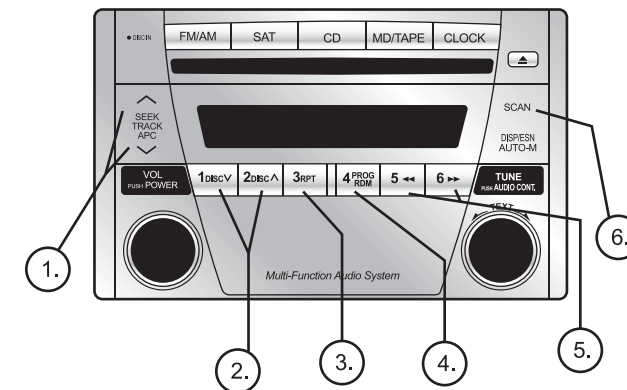5. FAST FORWARD/REVERSE BUTTONS
6. SCAN BUTTON (SONG INFO)

1. *Selecting your PhatBox as the active source*

Your CD/Stereo communicates with the PhatBox as if it were a standard CD-Changer. To access your PhatBox, you will need to put your CD/stereo in to CD-Changer mode by pressing the "CD" button. The PhatBox will be the selected device when the display reads "EX". If you have a CD inserted into your Stereo, the 'CD' button will toggle between the in-dash CD and the PhatBox.

| Problem:	Cause and Solution:
WMA files are not playing in the PhatBox	Some software such as Windows Media Player features copy protection in their WMA encoding tools. This prevents the tracks from playing on any device other than your computer. Disable any "Copy protect music" check box when encoding music (consult yourPhatNoise Music Manager manual for more information). Any music encoded with copy protection enabled will need to be re-encoded.
Voice prompts are missing in the car	Check your voice prompt settings on your desktop computer: - Insert the DMS Cartridge. - Open the Device view and select the DMS (Cartridge). - Press the Hardware Options button. - Open the DMS (Cartridge)Database/Voice Prompts tab and click Fix Voice Prompts. - Eject the DMS Cartridge per the normal sequence

Problem:	Cause and Solution:
Audio skipping occurs during playback.	Many things can cause a 'skip', or any break in audio playback. If you are hearing breaks in playback, here are some things to check: When you hear a skip, restart the track (or seek backwards a bit) to hear if the skip is actually in the music file. Many music files contain skips. Check to see if you are you using the latest firmware and desktop software. This is very important, as software is updated frequently (See PhatNoise Music Manager Manual for details). Sometimes a heavily fragmented cartridge can skip due to increased seek times. Defragment the cartridge for best performance.(See PhatNoise Music Manager Manual for details)

2. **Setting a Browse Mode**
The PhatBox uses the Disc Up and Disc Down buttons to switch through 6 browse modes. The DISC number will always... show which mode the PhatBox is in.

1 → 2 → 3 → 4 → 5 → 6
Track Playlist Album Artist Genre Feature

3. **Navigating Items Within A Browse Mode**
After the car stereo is set to one of the 6 modes, navigate through the list of items (playlists, artists, albums, or genres) by using the TRACK∧ or TRACK∨ buttons. *For example* pressing TRACK∧ while in Playlist mode changes to the next playlist.

TRACK
SEEK APC

Playlist 16
Playlist 17
Playlist 18
Playlist 19

4. **Finding Songs in a Mode**
After finding a playlist, artist, album, or genre, and returning to Track Mode, navigate through the songs by using the next/previous track buttons.

TRACK
SEEK APC

Note: For more information on CD manager and playlists refer to the included PhatNoise Music Manager (PMM) software user's manual.
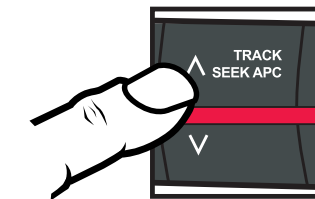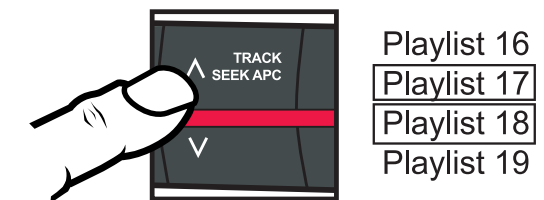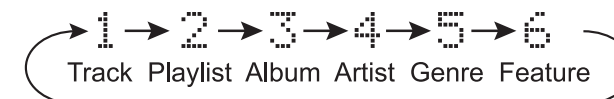
The PhatBox is controlled through the CD changer controls of your Mazda stereo head unit. To overcome the limited control and display capabilities of stock car stereos, PhatNoise has developed a unique interface that functions differently than a typical CD-Changer.
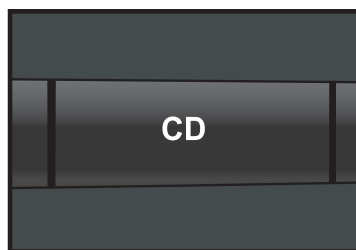
The Mazda PhatNoise system allows you to switch between different playback modes. These modes determine the next song that will play. Using modes you can browse through lists of playlists, artists, albums and genres. You can access the *Virtual Discs* in the order you placed them onto the DMS cartridge via the Playlist Mode, or you can have the PhatBox sort the music by Album, Artist, or Genre via the corresponding Playback Modes.

Starting the PhatBox
The PhatBox is available through the CD mode of your radio. The unit powers on and off automatically and resumes where you last left playback.

To begin playback:
1. Insert the DMS cartridge into the cartridge slot of the PhatBox.
2. Turn on your radio and switch to the CD changer mode. This is labeled *CD* on your radio.

CD

3. Playback will resume where the system last stopped.

| Problem:	Cause and Solution:
No Sound.	Adjust the volume of the head unit. Make sure the PhatBox harness is correctly connected to the head unit. Make sure the head unit has the CD changer as the active source. Make sure the DMS Cartridge is plugged into the PhatBox.
The head unit does not recognize the PhatBox. (No "EX" on the Radio Screen when switching into CD Changer Mode)	Make sure the PhatBox harness is correctly connected to the head unit.

Problem:	Cause and Solution:
No lights on the PhatBox come on at all.	The PhatBox connector harness and/or head unit wiring harness is not connected or is connected incorrectly. Reconnect the PhatBox connector harness and/or head unit wiring harness correctly. Make sure each connection is firmly connected. Or, The DMS cartridge is not fully inserted. Fully insert the DMS cartridge. Or, A fuse in the car has blown. After checking for short circuits in the wires, replace the fuse with one with the same rating.

Each playback mode places the audio tracks into a specific order. The PhatBox uses the Disc Up and Disc Down buttons to switch through 6 browse modes. The DISC number shows which mode the unit is in. Changing modes **does not change** the **CURRENT song** that is playing, it **changes** the **NEXT song** that will play.

1 → 2 → 3 → 4 → 5 → 6
Track Playlist Album Artist Genre Feature
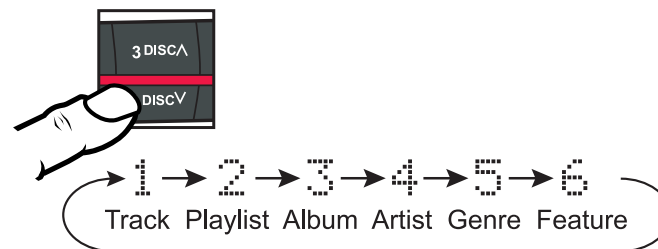
Change the song that is currently playing by switching to Track Mode and pressing Track Up or Track Down.

After pressing **next / previous DISC**, the 'TR' number shows the list item the unit is on for 5 seconds. After 5 seconds the PhatBox will time-out to Track Mode (mode 1) and the Track number will update to show which track the unit is on.

EX 4 62 2'38"

5 seconds

EX 1 3   2'38"
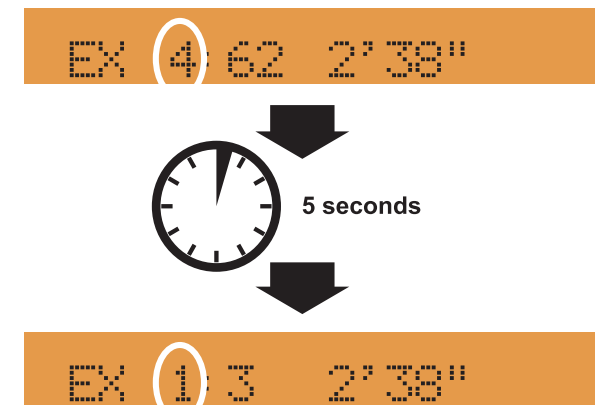
After selecting a browse mode (2,3,4,5), you can navigate that mode by pressing the Track Up/Down button within 5 seconds .
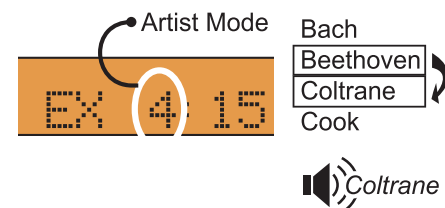
Mode 2 "Playlist Mode"

Pressing the **next / previous Track** will change to the **next / previous Playlist** in the order the playlists were saved to the cartridge.

Playlist Mode Industrial
Ann's Favorites
My Favorites
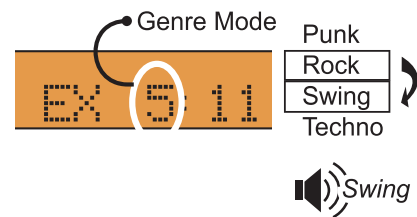Electronica Mix

EX 2 62

My Favorites

Mode 3 "Album Mode"

Pressing the **next / previous Track** will change to the **next / previous Album**. Albums are listed alphabetically in groups of Artists.

Album Mode Best of Baroque
Digitize This
Don't Know Why
Mix It Up

EX 3 46

Don't Know Why

Mode 4 "Artist Mode"

Pressing the **next / previous Track** will change to the **next / previous Artist** in alphabetical order.

Artist Mode Bach
Beethoven
Coltrane
Cook

EX 4 15

Coltrane

Mode 5 "Genre Mode"

Pressing **next/previous Track** buttons will change to the **next/previous Genre** in alphabetical order.

Genre Mode Punk
Rock
Swing
Techno

EX 5 11

Swing

| Problem:	Cause and Solution:
The green light on the PhatBox blinks slowly.	File(s) on your cartridge may be corrupt. Place the DMS Cartridge in the cradle and run the PhatNoise DMS Doctor on your computer and follow the recommendations.
The green light on the PhatBox blinks fast.	You have updated the firmware on the DMS cartridge and the PhatBox is reprogramming itself. DO NOT REMOVE THE DMS CARTRIDGE. Allow the PhatBox to reprogram itself for up to 10 minutes. When reprogramming is complete, the lights will turn off and stay off. The unit will be ready to use. NOTE: If the Radio is on, the Radio Screen displays "EX" during reprogramming.

Problem:	Cause and Solution:
The radio displays EX and no sounds can be heard	The system is still powering up its computer. Please wait up to 15 seconds for the system to boot, and switch back to CD mode. *Or,* File(s) on your cartridge may be corrupt. Place the DMS Cartridge in the cradle and run the PhatNoise DMS Doctor on your computer and follow the recommendations.
The radio displays NO DISC.	The only time that the PhatBox will display "NO DISC" is when the DMS cartridge is removed while the PhatBox is powered. Insert the DMS Cartridge into the PhatBox System.

Once you have Selected a "Disc Browse" Mode (2, 3, 4, 5) then switch to Track Mode by waiting 5 seconds for the system to default to Track Mode or by pressing DISC ∧ or DISC ∨ until DISC number is 1. Once in Track Mode (1) press Track Up/Down to browse tracks.

Mode 2 "Playlist Mode"
The **next / previous Track** buttons move playback to the **next / previous Track** in the selected playlist. Names of songs are not announced.

"My Favorites" Playlist
1. Madness
2. Fever
3. Columbia
4. Touch it
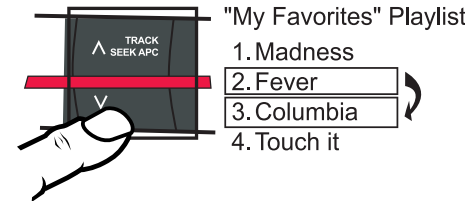
Mode 4 "Artist Mode"
The **Track up/down buttons** move playback to the **next/previous track** in the selected **artist**.

Artist "Coletrane"
1. So What
2. Freddie Freeloader
3. Blue In Green
4. All Blues
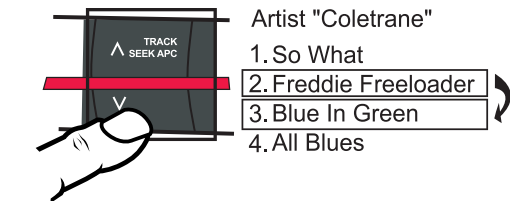
Mode 3 "Album Mode"
The **Track up/down buttons** move playback to the **next/previous track** within the chosen **album**

Album "Don't Know Why"
1. Lost In Oblivion
2. Unhappy Me
3. Crying For Nothing
4. Sadness

Mode 5 "Genre Mode"
The **Track up/down buttons** move playback to the **next/previous track** within the chosen **genre**.

"Swing" Genre
1. Do-Wop
2. Chitty Bang Bang
3. Hey Daddy
4. The Wolf
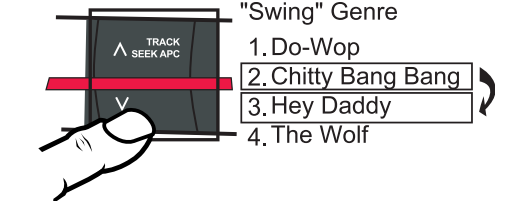
Using the SEEK Buttons

The SEEK buttons can help you find a Mode Item (playlist, genre, artist, or album), a track within a Mode Item, and seek through a track quickly. Which action you get from a SEEK button depends on the button pressed *before* pressing a SEEK button and the Mode you are in.
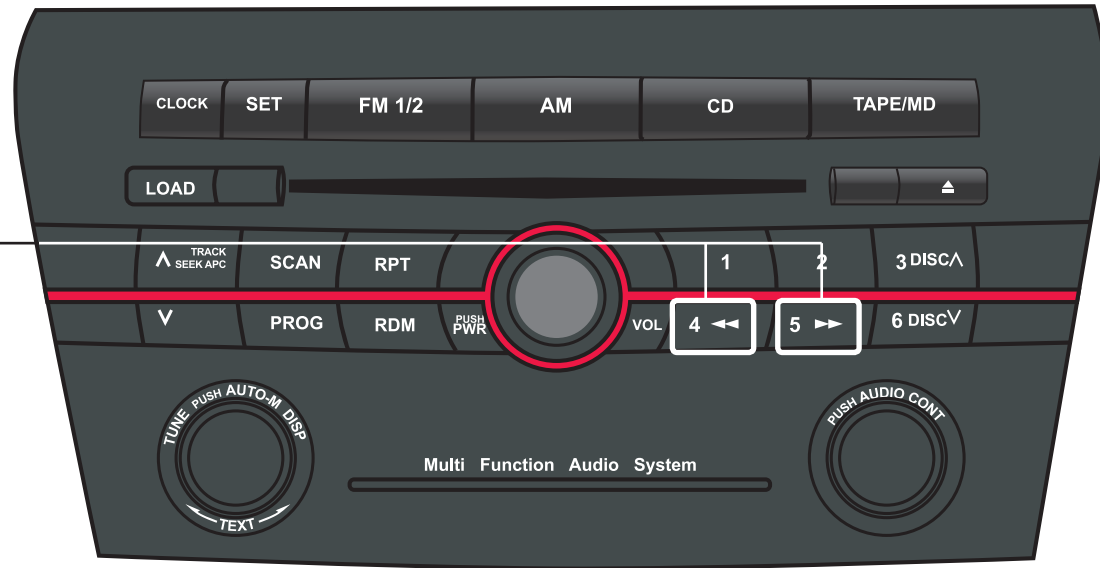
PhatBox Player Precautions

1. Never spill any liquid on the PhatBox Player.

2. Do not place the PhatBox player on an unstable cart, stand or table. The product may fall, causing serious damage to the unit.

3. Do not use any object to probe the opening of the product and do not put any body parts or other foreign objects in the opening of the product- this may result in bodily injury and can also damage the product.

4. Avoid severe impact. Do not drop the PhatBox player on a solid surface or drop a heavy object on the PhatBox player.

5. Take care when plugging and unplugging harness.

6. Do not hold the PhatBox or the USB Cradle by the harness alone

NOTE

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 may cause harmful interference to radio communications, if it is not installed and used in accordance with Mazda North American instructions. 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, Consult the dealer for help.

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS

Digital Media Storage Cartridge Precautions

- Do not leave the DMS Cartridge in locations with extremely high temperatures such as on a car dashboard or in the rear window where it will be subject to direct sunlight.

- Do not drop the DMS Cartridge or subject it to a violent shock.

- Do not spill liquid on the DMS Cartridge or submerge the DMS Cartridge in liquid.

- The only effective protection for data and other material stored on the DMS Cartridge is the regular backing up of that data by you, the consumer. PhatNoise Inc. shall not be responsible for the loss of any such data or other material.

- The DMS cartridge contains firmware that allows the Music Storage System to communicate with your head unit. Occasionally this firmware is updated. For instructions on updating the firmware, refer to the PhatNoise Music Manager Software Manual.

Press and Hold
Press and hold the **Fast forward or Reverse** button while in a browse mode (the display will read the DISC # (2,3,4,5)).
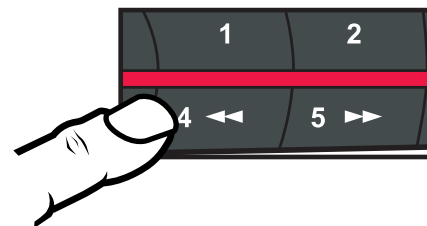
The PhatBox will announce the following in each Mode:

Playlist Mode (2): Nothing is announced.

Genre Mode (5): The first letter of Genres are announced in alphabetical order.

Artist Mode (4): The first letter of Artist names are announced in alphabetical order.

Album Mode (3): Artist names are announced. Albums are grouped by artist in alphabetical order.

Release the button when the PhatBox announces the title you would like to hear.

10

7

Press and Hold
Press and hold the **SEEK ahead or SEEK back** button within 1 second of pressing a **next / previous Track** button. The PhatBox **will not** announce track names. *Release the button when you see the 'TR' number you want.*
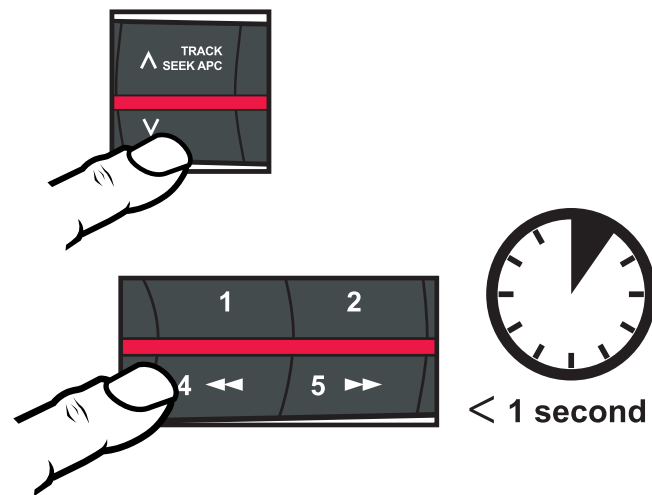
< **1 second**

Press and hold the **SEEK ahead or SEEK back button** *after 1 second* of pressing a **next / previous Track** button. The PhatBox will seek though the track time. *Release the button when you see the time you want.*

> **1 second**
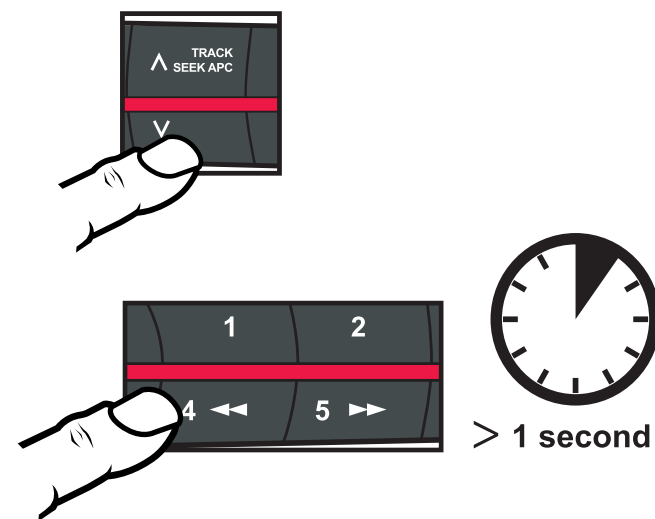
Current Track Information
Press the SCAN button and the PhatBox will announce the current playlist, album, artist, and genre names, if known.