SoundWorks Radio CD 740

User Manual

CAMBRIDGE SOUNDWORKS

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding plug-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Unplug this apparatus during lightning storms or when unused for long periods of time.
13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.

810-00000S-190

ADDENDA: The following entries supplement or correct information in the User Manual, or describe features added after the User Manual was completed.

DISC PLAY FEATURES

During Audio CD Play

Press STOP	Disc Position
1 time	Resume from Same Location
2 times	Start at beginning of Disc

During CD-ROM Play

Press STOP	Disc Position
1 time	Resume from Same Location
2 times	Start at beginning of Folder
3 times	Start at beginning of Disc

CD Play and the POWER button: Pressing the POWER button during disc play causes the Radio CD to enter STANDBY *track resume* mode. Pressing the POWER button again resumes play at exactly the same location on the disc (audio CD or CD-ROM).

Preset 5 "FOLDER" feature: The SoundWorks Radio CD 740 recognizes folders at the Top Level of a CD-ROM. Pressing Preset 5 "FOLDER" during CD-ROM play will show the first 16 letters of the name of the folder containing the active MP3 track. TOP LEVEL is displayed if the file is not inside a folder.

CD-ROM PREPARATION

Maximum number of individual MP3 files supported on a CD-ROM

295 files. If the total number of MP3 files on the CD-ROM exceeds 295, the folder name display, folder play sequence and MP3 file play sequence will be unpredictable.

Maximum folders supported on a CD-ROM

29 folders.

Sequence of MP3 file play on a CD-ROM

The SoundWorks Radio CD 740 recognizes the first 8 characters of an MP3 filename to determine play sequence. Be sure to number your MP3 filenames from the beginning of the filename. Most CD-ROM burning programs support automatic numbering at the start of filenames when burning CD-ROMs.

Multi-session CD-ROM: The SoundWorks Radio CD 740 will recognize just the first session of a CD-ROM. Burn complete CD-ROMs for use with the SoundWorks Radio CD 740.

RADIO PRESET FEATURES

When an FM frequency is stored on a PRESET, the current Stereo/Wide/Mono and RDS Text setting is also stored. When the PRESET is tapped, the stored settings will override the JOG menu setting. Storing a weak FM stereo station in MONO will insure cleaner reproduction under varying reception conditions. You can also elect to store FM stations with RDS text you do not wish to see in STATIC or NO TEXT mode.

ALARM ADJUSTMENT FEATURES

To wake to a specific audio CD track: Insert an audio CD into the radio and press Alarm 1 or Alarm 2 for two seconds to enter an Alarm Adjustment session. During the Alarm Adjustment session, first press the CD Play/Pause button to select Wake to CD. Then use the Track/Tune buttons *on the Radio CD faceplate* to select which track you would like to play. During alarm activation, the radio will start CD play from your selected track and continue playing the CD tracks in sequence.

To wake to a specific MP3 file on a CD-ROM: The SoundWorks Radio CD 740 also lets you select an MP3 file (or *track)* on a CD-ROM for wakeup using the Track/Tune button. During an Alarm Activation session, a specific MP3 file for wakeup is selected from the *faceplate Track/Tune buttons.* A simplified scheme for track selection a CD-ROM is supported. All MP3 files on a disc are represented by a number that corresponds to the play sequence of the disc's MP3 files in Play All mode. Tracks at the top level of the disc are numbered first followed by the tracks in the first folder, then the second folder and so on.

INTRODUCTION

The people at Cambridge SoundWorks hope you enjoy your new high-performance SoundWorks Radio CD 740. Your new radio has great FM stereo sound and plays useful AM band stations. It stores 16 FM station presets along with 8 AM station presets. An integral, slot-load disc player plays audio CDs and MP3 files on CD-ROM. The large 32-character display and full-function remote makes radio operation easy from across the room.

The SoundWorks Radio CD 740 displays three types of supplementary text:

• Radio Data Service (RDS) FM station text

• CD-text

• "ID3" text stored in most MP3 files.

An automatic dimmer function reduces display brightness in dark rooms while maintaining good legibility in bright light. An internal long-life power cell maintains the current time accurately many years. By inserting a 9V battery (not supplied), a user ensures that an activated wakeup function will work even during a power outage.

Front and rear inputs allow easy connection of audio program sources (like portable MP3 and cassette players). A Record Output lets you send the current audio program signal to other devices.

A convenient JOG button lets you select from a variety of secondary adjustments (Bass and Treble, Snooze time and Text display modes, among others).

GETTING STARTED

Remove the SoundWorks Radio CD (See **A**) from its protective polybag and place it in your preferred location. The Radio CD's Tone alarm sound and bass output will be reduced if the Radio is placed on a compliant, soft surface.

Connect the AM antenna (See **B**): To prepare the antenna (1), fold the base (2) and snap it into place (3). Position the AM antenna (4) in any out-of-the way site, preferably at least 8 inches apart from the Radio CD. Insert the AM Antenna's miniplug into the Radio CD's rear panel minijack marked AM ANTENNA (5).

Rotate the AM antenna to achieve the best signal for individual AM stations.

Connect the power cord by inserting the SoundWorks Radio CD's AC plug into a convenient outlet.

The AC cord is also the Radio CD's primary FM antenna. It will function better if at least 50% or more of it's length follows a straight line (See **C**). Check to make sure the FM antenna switch on the rear panel of the Radio enclosure is in the INT (internal) position (factory default).

If desired, the external FM antenna can be connected and used instead of the internal antenna (See **D**). Connect the external antenna to the "F"-type connecter of the rear panel. Set the FM antenna switch to EXT (external) .

A.

B.

1.

2.

3.

4.

5.

C.

D.
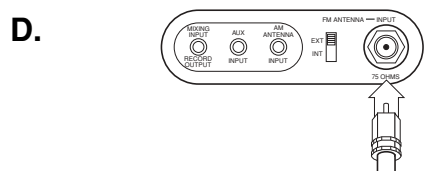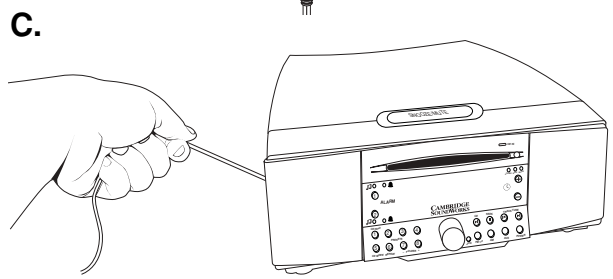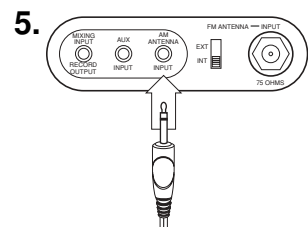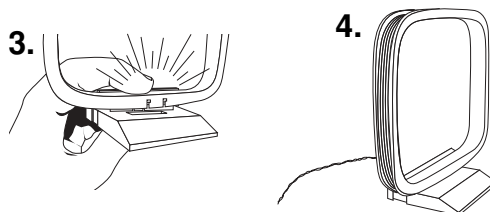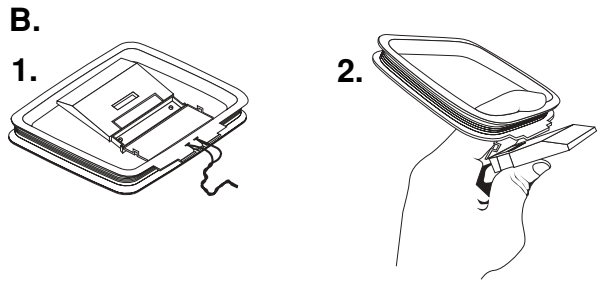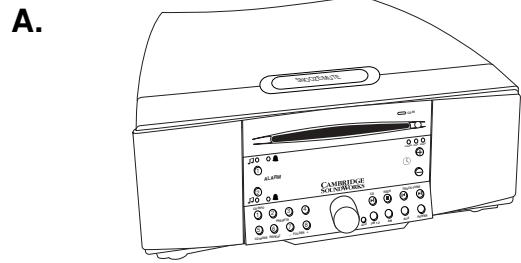
GETTING STARTED

Setting the Clock

You can adjust the current time whether the radio is in Standby or On. Just press the time adjust buttons (next to the ⏱ symbol) on the right hand side of the display (See **E**).

Note: The current time can only be adjusted from the Radio CD faceplate. The Remote Control can adjust the wake up time setting, but not the current time.

Tone Alarm Backup Battery

For 48 hours of alarm function backup during an AC power failure, obtain and install a 9 volt battery in the radio compartment. Release the battery cover, attach the battery and restore the cover.

If either alarm is set to activate (music or tone wake-up) and the power fails, the battery sounds the *tone* alarm at the appropriate time. Press Power on the radio to silence the alarm. Remove the battery if the unit is unplugged for more than 24 hours. Replace the battery after 30 minutes of emergency tone alarm operation (See **F**).

Standby and On

Pushing the POWER button chooses Standby or On operation (See **G**)

The faceplate Power button can also be used to engage SLEEP delay operation (See page 8).

Selecting The Radio Bands

1) Pressing the FM 1/2 button selects the FM radio band and one of two banks of FM station presets. You can store eight FM stations in the PRESET bank FM1 and eight different FM stations in PRESET bank FM2 (See **H**).

2) If you switch from another mode to FM, the Radio will return to the last PRESET bank used (from Standby, AM, CD or from an AUX input). Pressing the FM 1/2 button during FM operation selects the other preset bank.

3) Pressing the AM button selects the AM radio band. The AM band has one PRESET bank.

E.

F.

G.

H.

5
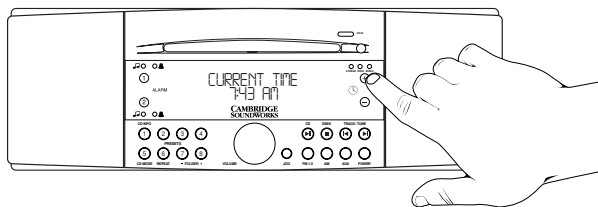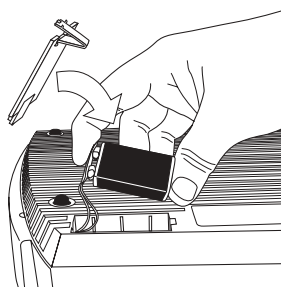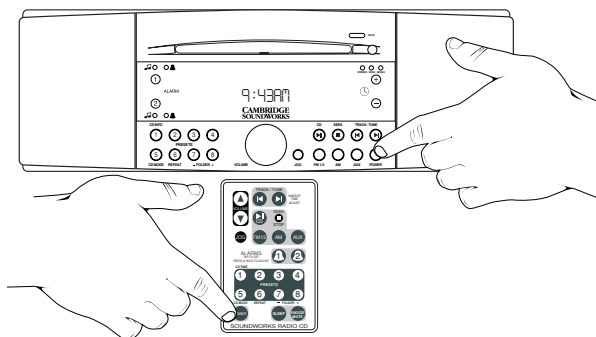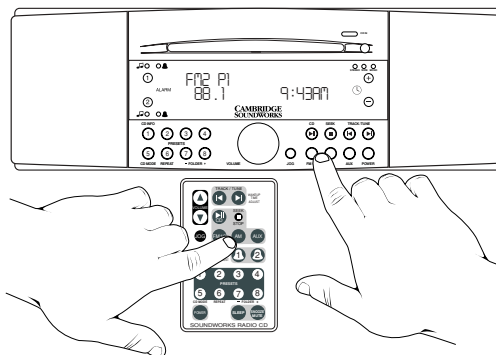
GETTING STARTED

Tuning Stations

- **Autotune Method 1:** Press the SEEK button (remote or radio face) to automatically find the next station of higher frequency (See **I**).

- **Autotune Method 2:** Press and hold either TRACK/TUNE button to seek the next station (the ⊙ button seeks down, the ⊙ button seeks up). (See **J**)

- **Manual Tune:** To find a specific frequency, tap the appropriate TRACK/TUNE button (⊙ or ⊙).

Storing Stations in PRESET banks

Press the FM 1/2 button to choose the desired PRE-SET bank (FM1 or FM2) or choose the AM radio band. Tune to the desired station. Press and hold the desired PRESET button until a short tone is heard. The station is stored (See **K**).

I.
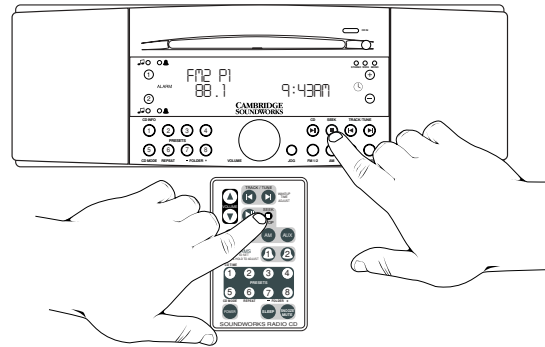
J.
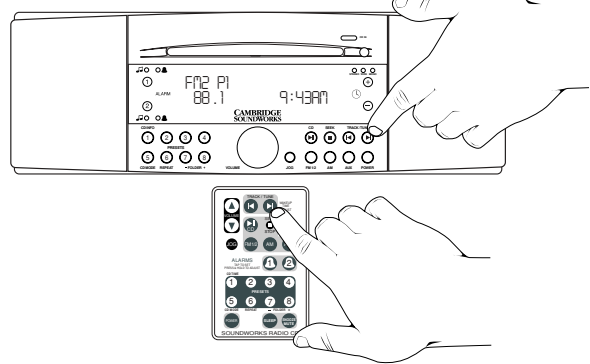
K.
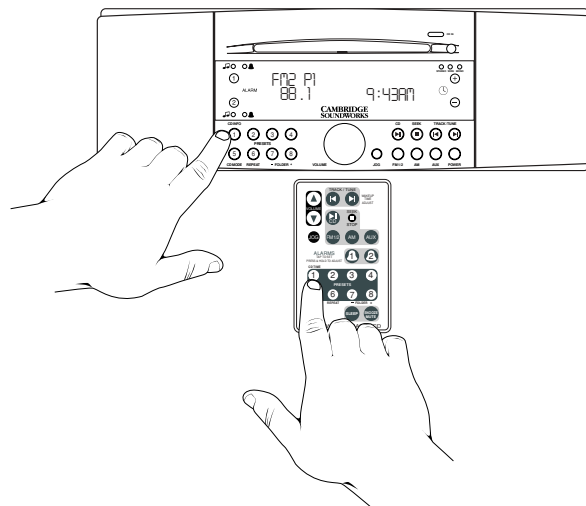
SELECTING CD PLAY

Important: Use only standard 12cm (4 ³/₄") compact discs. Smaller discs will not work in the slot load mechanism.

1) Insert a CD disc into the slot to automatically select CD play. The CD IN light indicates if there is a disc inside the Radio CD (See **L**).

2) If there is a CD disc inside the Radio CD, tapping the CD button will start disc play (See **M**).

Choosing Selections

• Track selection: Tap the appropriate TRACK/TUNE button (Ⓐ or Ⓑ) (See **N**).

• CD-ROM folder selection: To move from the current folder (directory), tap either ⑦ or ⑧. See page 10-20 for an explanation of folder (directory) navigation.

• Forward scan and reverse scan: Press and hold a TRACK/TUNE button (Ⓐ or Ⓑ).

Disc Stop

Press the Stop button once (inline image of stop button only) to stop disc play with "resume from same locationt" feature. Press the stop button twice to stop disc play and return to the start of the disc.

Disc Eject

Press the disc eject button (See **O**).

CD INFO

The CD INFO button (preset 1) displays disc playing time readouts, as follows:

Audio CD – Track time elapsed • Track time remaining • CD time elapsed • CD time remaining

CD-ROM – File time elapsed

CD MODE

The CD MODE button (preset 5) selects the following other disc play modes:

Audio CD – Random Play • Play 1 track

CD-ROM – Random Play • Play Folder • Random Play Folder • Play 1 file

REPEAT

The REPEAT button (preset 6) will repeat the current play mode until the disc is ejected or the POWER button is pressed. The Repeat mode is maintained until the disc is ejected or the POWER button is pressed.

L.

CD Insertion

CD IN Light

M.

CD Play/Pause

N.

TRACK/TUNE

O.

Disk Eject
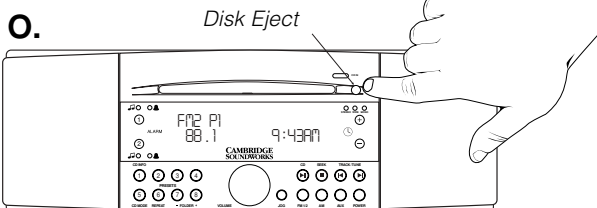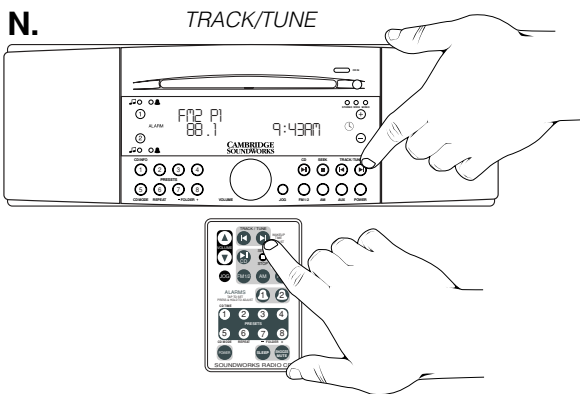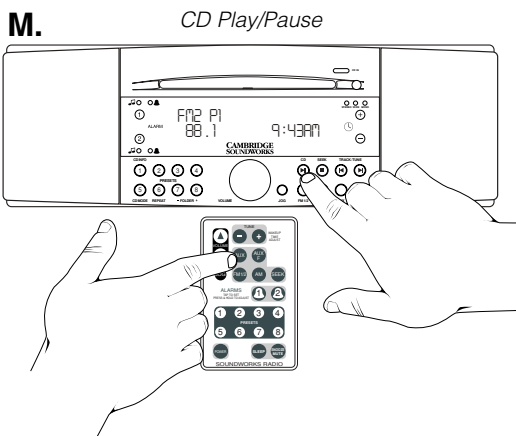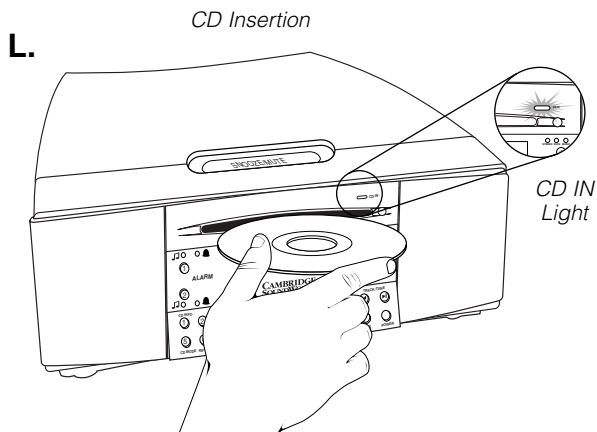
CONNECTING AN EXTERNAL AUDIO SOURCE

Listening To External Sound sources

If you have an external audio source you always want to keep connected to the SoundWorks Radio CD, like a desktop cassette player, connect it to the AUX input on the rear panel (See **P**). Press the AUX button on the front panel or remote control to select this input (See **Q**).

If you have an external audio program source you occasionally want to connect to the Radio CD, like a portable MP3 player, connect it to the AUX-F input on the front panel (See **Q**). This input overrides the rear AUX input. The AUX button on the front panel or remote control selects this input (See **R**).

Mixing Input/Record Output

You may want to mix the sound from an audio program source (computer audio output, for instance) with the other Radio CD audio sources (FM, AM, Disc, Aux).

Connect the audio source to the MIXING INPUT on the rear panel (See **S**). The program source will be mixed with the currently selected Radio CD program source.

The audio source connected to the Mixing Input must have a level control if you wish to adjust the balance between the Radio CD program source and the Mixing Input audio source.

P.

Q.

R.

S.
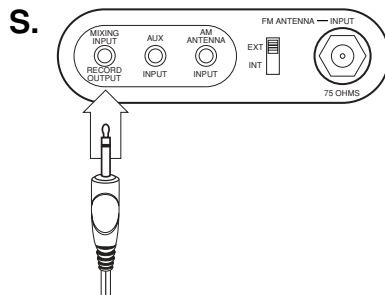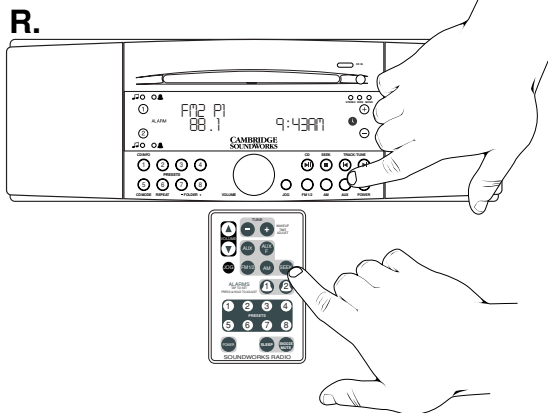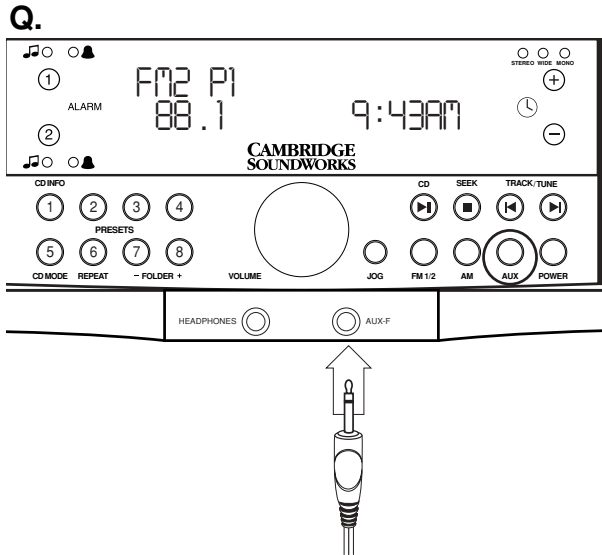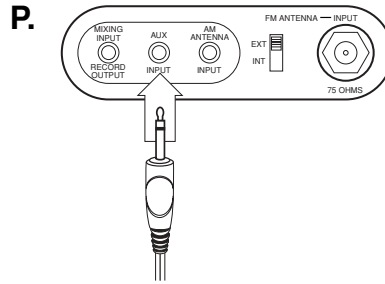
CONVENIENCE FEATURES

Mute

To mute the SoundWorks Radio CD: Press the SNOOZE/MUTE bar or the SNOOZE/MUTE button on the Remote Control (See **T**). Mute is cancelled if the POWER button is pressed, if a disc is inserted or the Volume is adjusted.

Sleep Delay

To make the Radio CD automatically turn off after a specific period of time:

• Press the SLEEP button on the Remote Control until the desired amount of play time is reached (See **U**).

OR

• With the Radio CD in Standby, rapidly tap the POWER button until the desired amount of play time is reached (See **V**).

Sleep delay is available for 15, 30, 45, 60, 90 and 120 minute lengths. Sleep delay is cancelled if the POWER button is pressed or if a disc is inserted. Insert a disc before choosing the Sleep function if you wish to use the Sleep function during disc play.

T.

U.

V.

SOUNDWORKS RADIO CD
FRONT AND TOP PANEL
FUNCTIONS

NORMAL OPERATION: PRESS TO MUTE SOUND.
DURING WAKEUP: PRESS TO TO ACTIVATE SNOOZE FEATURE.

INDICATES DISC INSIDE

SNOOZE/MUTE

EJECTS DISC

CD IN

INDICATES ALARM STATUS
🎵 = MUSIC WAKEUP
🔔 = TONE WAKEUP

STEREO WIDE MONO

INDICATES AUDIO MODE

ALARM

SETS CURRENT TIME
IN NORMAL OPERATION
SETS WAKEUP TIME IN ALARM
ADJUSTMENT MODE

TAP TO ACTIVATE ALARM
PRESS AND HOLD TO ADJUST ALARM

2:11PM

CAMBRIDGE
SOUNDWORKS

TAP TO START DISC PLAY, TAP
AGAIN TO PAUSE DISC PLAYBACK.

DURING DISC PLAY, TAP THIS BUTTON FOR:
AUDIO CD: TRACK TIME ELAPSED, TRACK TIME REMAINING
TOTAL TIME ELAPSED, TOTAL TIME REMAINING
CD-ROM: TRACK TIME ELAPSED

CD INFO

CD SEEK TRACK/TUNE

RADIO: TAP TO AUTOMATICALLY SEEK
THE NEXT STATION UP THE BAND.
DISC: TAP TO STOP PLAY.

RADIO STATION PRESET BUTTONS:
PRESS AND HOLD TO STORE CURRENT STATION

1 2 3 4

RADIO: TAP TO MANUAL TUNE, PRESS AND
HOLD TO SEEK NEXT STATION.
DISC: TAP TO ADVANCE OR GO BACK ONE AUDIO
SELECTION, PRESS AND HOLD TO SCAN
FORWARD OR BACKWARD THROUGH AN AUDIO.

DURING DISC PLAY, TAP THIS BUTTON FOR:
AUDIO CD: RANDOM PLAY, PLAY ONE TRACK
CD-ROM: RANDOM PLAY OF DISC, PLAY ONE FOLDER
RANDOM PLAY OF ONE FOLDER , PLAY ONE TRACK

5 6 7 8

CD MODE REPEAT − FOLDER +

VOLUME JOG FM 1/2 AM AUX POWER

SELECTS RADIO "ON" OR "OFF"
(ALARMS ACTIVE IN "OFF" MODE)
PRESS REPEATEDLY FOR SLEEP DELAY
FUNCTION (15 MIN TO 120 MIN)

DURING DISC PLAY, TAP THIS BUTTON FOR
REPEAT PLAY OF CURRENT CD MODE

SELECTS AUX INPUT

TAP THESE BUTTONS TO MOVE BETWEEN
DIFFERENT DIRECTORIES ON A CD-ROM DISC

HEADPHONES AUX-F

SELECTS AM BAND
(ONE PRESET BANK)

INSERT HEADPHONES WITH 3.5mm STEREO MINIPLUG HERE FOR PRIVATE LISTENING

INSERT AUDIO PLAYER WITH 3.5mm STEREO MINIPLUG HERE. PRESS AUX TO HEAR IT:
THIS INPUT OVERIDES AUX-R IN BACK.

SELECTS FM BAND
PRESS AGAIN TO SWITCH BETWEEN PRESET BANK 1 OR 2

ADJUSTS VOLUME DURING NORMAL OPERATION: ADJUSTS SETTINGS IN JOG BUTTON OPERATION.

PRESS REPEATEDLY TO VIEW MANY RADIO SETTINGS.
USE VOLUME TO ADJUST SETTINGS.

BASS− +4 TO -4
TREBLE− +4 TO -4
STEREO, WIDE, MONO
LOUDNESS- ON, OFF

SNOOZE TIME- 5 MIN TO 22 MIN
RDS TEXT- SCROLLING, FIXED, OFF
DISC TEXT- SCROLLING, FIXED, OFF
TIME DISPLAY- 12 hr AM/PM OR 24 hr
DISPLAY LANGUAGE- ENGLISH, SPANISH, FRENCH,
ITALIAN OR GERMAN

AM ANTENNA
INPUT MINIJACK

MIXING
INPUT AUX AM
ANTENNA

FM ANTENNA — INPUT

3.5mm STEREO MINIJACK FIXED LEVEL AUDIO
OUTPUT ALSO FUNCTIONS AS A MIXING INPUT

EXT

INT

EXTERNAL FM ANTENNA
"F" TYPE INPUT

RECORD
OUTPUT INPUT 75 OHMS

REAR 3.5mm STEREO
MINIJACK AUXILIARY INPUT

INTERNAL / EXTERNAL
FM ANTENNA SELECTOR

SOUNDWORKS RADIO CD 740
REMOTE CONTROL

RADIO AND ALARM FUNCTIONS

FM: TAP TO MANUAL TUNE, PRESS AND HOLD TO SEEK NEXT STATION. ALARM SET: ADJUST WAKEUP TIME.

TRACK / TUNE

WAKEUP TIME ADJUST

ADJUSTS VOLUME DURING NORMAL OPERATION ADJUSTS SETTINGS IN JOG BUTTON OPERATION

VOLUME

TAP TO START DISC PLAY

SEEK

STOP

CD

TAP TO AUTOMATICALLY SEEK THE NEXT STATION UP THE BAND.

PRESS REPEATEDLY TO VIEW MANY RADIO SETTINGS. USE VOLUME TO ADJUST SETTINGS.

JOG

FM1/2   AM   AUX

BASS– +4 TO -4
TREBLE– +4 TO -4
STEREO, WIDE, MONO
LOUDNESS— ON, OFF
SNOOZE TIME– 5 MIN. TO 25 MIN.
RDS TEXT DISPLAY– SCROLLING, FIXED, OFF
DISC TEXT DISPLAY– SCROLLING, FIXED, OFF
TIME DISPLAY– 12 hr AM/PM OR 24 hr
DISPLAY LANGUAGE– ENGLISH, SPANISH, FRENCH

SELECTS AM BAND (ONE PRESET BANK)
SELECTS AUX INPUT
SELECTS FM BAND
PRESS AGAIN TO SWITCH BETWEEN PRESET BANK 1 OR 2

ALARMS
TAP TO SET
PRESS & HOLD TO ADJUST

1   2

TAP TO ACTIVATE ALARM
PRESS AND HOLD TO ADJUST ALARM

CD TIME   FOLDER

1   2   3   4

RADIO STATION PRESET BUTTONS:
PRESS AND HOLD TO STORE CURRENT STATION

PRESETS

5   6   7   8

CD MODE   REPEAT   – FOLDER +

POWER

SLEEP   SNOOZE MUTE

PRESS REPEATEDLY TO CHOOSE SLEEP TIME (15 MIN TO 120 MIN)

SELECTS RADIO "ON" OR "OFF"
ALARMS OPERATE IN "OFF" MODE

SOUNDWORKS RADIO CD

NORMAL OPERATION: PRESS TO MUTE SOUND.
DURING WAKEUP: PRESS TO TO ACTIVATE SNOOZE FEATURE.

SOUNDWORKS RADIO CD 740
REMOTE CONTROL

DISC PLAY FUNCTIONS

TAP TO ADVANCE OR GO BACK ONE
 AUDIO SELECTION
PRESS AND HOLD TO SCAN FORWARD OR
 BACKWARD THROUGH AN AUDIO SELECTION

TRACK / TUNE

WAKEUP
TIME
ADJUST

VOLUME

SEEK

CD

STOP

TAP TO START DISC PLAY
TAP AGAIN TO PAUSE DISC PLAY

DURING DISC PLAY:
TAP TO STOP PLAY WITH RESUME
FEATURE

JOG   FM1/2   AM   AUX

ALARMS
TAP TO SET
PRESS & HOLD TO ADJUST

1   2

TAP THIS BUTTON FOR:
AUDIO CD: TRACK TIME ELAPSED
TRACK TIME REMAINING
TOTAL TIME ELAPSED
TOTAL TIME REMAINING
CD-ROM: TRACK TIME ELAPSED

CD TIME

FOLDER

TAP THIS BUTTON TO VIEW FOLDER NAME

1   2   3   4

PRESETS

TAP THIS BUTTON FOR:
AUDIO CD: RANDOM PLAY
PLAY ONE TRACK
CD-ROM: RANDOM PLAY OF DISC
PLAY ONE FOLDER
RANDOM PLAY OF ONE FOLDER
PLAY ONE TRACK

5   6   7   8

CD MODE   REPEAT   **–** FOLDER **+**

TAP THESE BUTTONS TO MOVE BETWEEN
DIFFERENT FOLDERS ON A CD-ROM

TAP THIS BUTTON FOR REPEATED
PLAY OF CURRENT DISC MODE

POWER   SLEEP   SNOOZE
MUTE

SOUNDWORKS RADIO CD

JOG FUNCTIONS

JOG button operation:

Press the JOG button on the radio or on the remote control to select the first JOG (See **W**). Press the JOG button again to select additional JOG functions.

Use the VOLUME knob or the ⬆⬇ buttons on the remote control to adjust settings of JOG functions. JOG operation is cancelled five seconds after the last JOG or VOLUME adjustment. Pressing any other Radio CD function also cancels JOG operation.

JOG functions

Bass: Bass output can be adjusted in four steps up or down.

Treble: Treble output can be adjusted in four steps up or down.

Stereo/Wide/Mono: Adjustment cycles through STEREO, WIDE and MONO modes. MONO operation is cancelled when standby is entered.

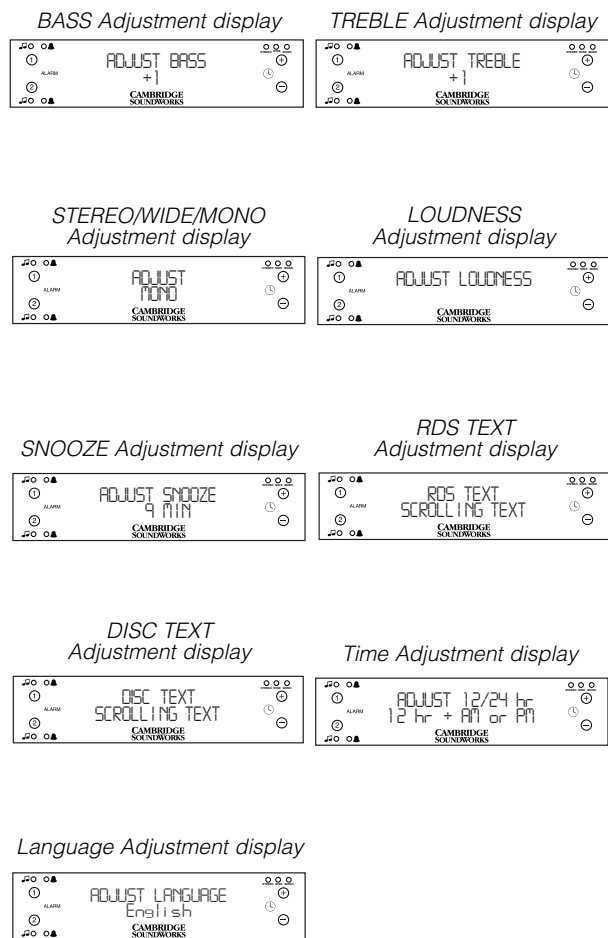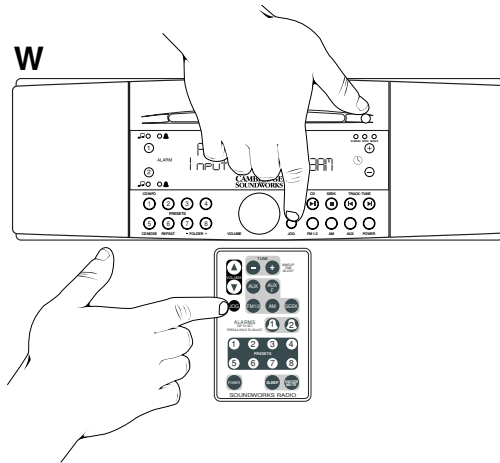Loudness: With LOUDNESS engaged, the Radio CD will boost the bass output at low VOLUME settings.

Snooze Time: Adjustable from 5 minutes to 55 minutes

RDS Text Display: For FM station RDS text, choose between "scrolling text" display, "static text" display and no text display.

Disc Text Display: For audio CDs that have CD text or MP3 files, choose between "scrolling text" display, "static text" display and no text display.

Time Display Mode: Choose 12 hour AM/PM time (US standard) or 24 hour time (International standard)

Display Language: Choose English, Spanish, French, Italian or German.

BASS Adjustment display

ADJUST BASS
+1

TREBLE Adjustment display

ADJUST TREBLE
+1

STEREO/WIDE/MONO Adjustment display

ADJUST
MONO

LOUDNESS Adjustment display

ADJUST LOUDNESS

SNOOZE Adjustment display

ADJUST SNOOZE
9 MIN

RDS TEXT Adjustment display

RDS TEXT
SCROLLING TEXT

DISC TEXT Adjustment display

DISC TEXT
SCROLLING TEXT

Time Adjustment display

ADJUST 12/24 hr
12 hr + AM or PM

Language Adjustment display

ADJUST LANGUAGE
English

14

WAKEUP FUNCTIONS

Adjusting The Wakeup Settings

During Wakeup Settings adjustment, you select Wakeup time and the Music Wakeup Source and Volume. The choice of Tone or Music Wakeup is selected later as the Alarm is activated.

Note: Store any radio station you wish to use as a Wakeup station in a PRESET location.

1) Press and hold either the Alarm 1 or the Alarm 2 button until a short tone is heard (about 1.5 seconds). The *Radio CD* enters Wakeup Adjustment mode. Wakeup Adjustment persists for about 15 seconds if no button is pressed. You always have five seconds between adjustments.

2) At any point during the Wakeup Adjustment session, you can choose your preferred Music Wakeup by selecting FM1, FM2, AM or CD. After choosing a radio preset bank (FM1, FM2, or AM), choose the desired station by pressing its PRESET button on the remote control of the radio faceplate.
   You can only choose CD wakeup if there is a CD stored in the Radio CD. If the CD is removed after CD wakeup is selected, the Wakeup Setting will default to Tone Wakeup.
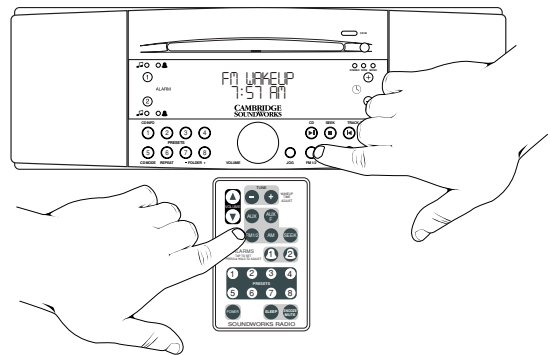   The AUX inputs are not available for Wakeup.

3) At any time during the Wakeup Adjustment session, you can determine the Music Wakeup volume by adjusting the VOLUME on either the remote control or the radio faceplate.
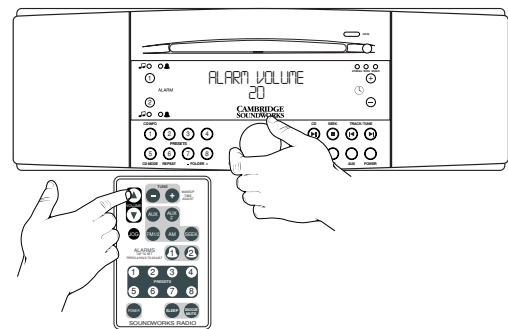

1. Entering WAKEUP Adjustment
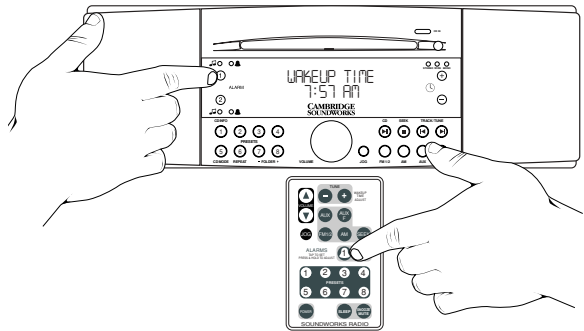
2. MUSIC WAKEUP Adjustment, First screen


3. WAKEUP Volume adjustment

15

WAKEUP FUNCTIONS

Adjusting The Wakeup Settings

4) At any point in the Wakeup Adjustment session, you can determine the wakeup time by using the Time adjustment on the front panel or the TRACK/TUNE adjustment on the remote control.

5) End the Wakeup Adjustment session by pressing the same Alarm button again, or just wait about ten seconds. The Wakeup Adjustment session will automatically end. Either way, the Radio CD will store your new settings.

4. WAKEUP Time adjustment
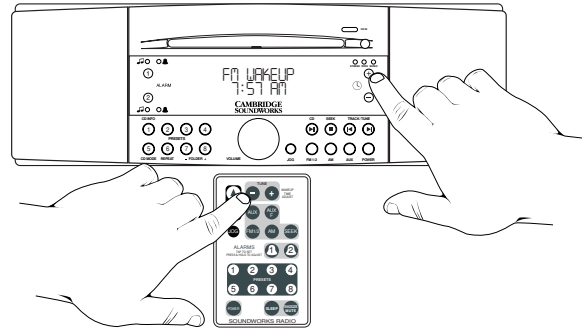
5. WAKEUP Setting Stored display
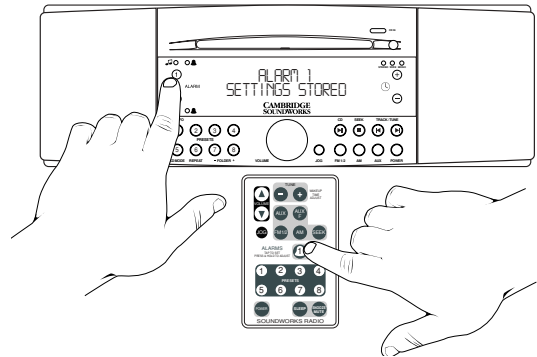
WAKEUP FUNCTIONS

Activating Wakeup

While in Standby or normal operation, tap either Alarm button to cycle between

  Music Wakeup
  Tone Wakeup
  No Wakeup

A Music Wakeup indicator (♫) or a Tone Wakeup indicator (♠) lights to show activation.

Music Wakeup only functions if the Radio remains in Standby mode.

Tone Wakeup operates whenever it is activated. You can use Tone Wakeup as a reminder function during the day while using the Radio normally.

Silencing a Wakeup

To cancel an operating Wakeup alarm for the day, but keep it activated, tap the Power button on the front panel or the remote control. The Wakeup settings will remain active and operate the next day.

To silence an alarm and deactivate it (cancel it from functioning the next day), press the appropriate Alarm button on the radio face or the remote control.
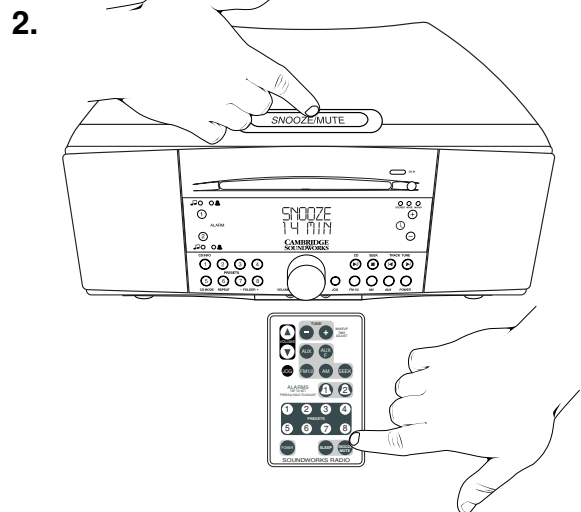
Snooze Function

Tapping the SNOOZE/MUTE bar on the radio, or the SNOOZE MUTE button (2) on the remote will silence a Wakeup alarm for a pre-determined period of time (5 to 22 minutes).

Adjust the SNOOZE delay period by using the JOG function.

1a.

1b.

1c.

Snooze Function

2.
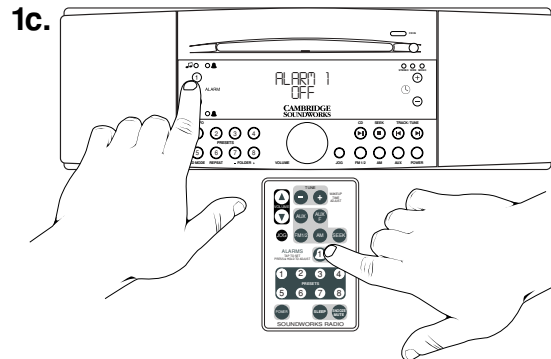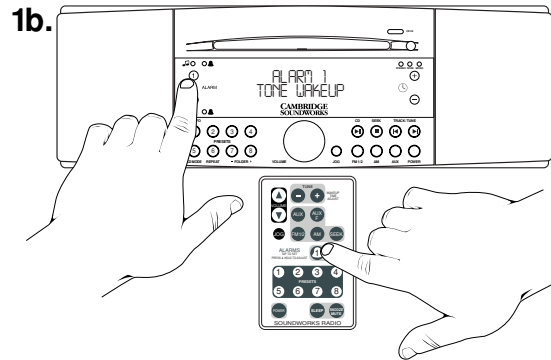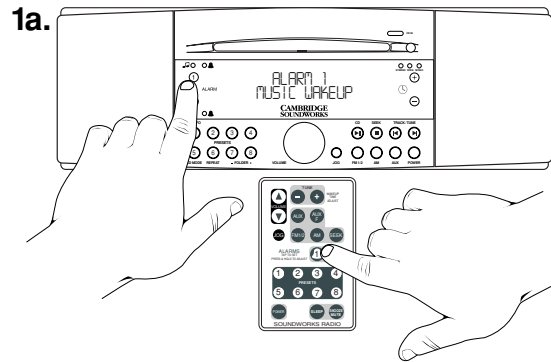
RADIO AND DISC TEXT DISPLAYS

RADIO DATA SERVICE (RDS)

Some FM radio stations broadcast Radio Data Service (RDS) text along with their programs. Station Identification Text is displayed in the first 8 characters of the lower line. This text generally does not change. Descriptive Text is displayed on the top line. This text may describe the station's format or it may show the song title and artist.

CD-Text

Audio CDs now include descriptive text stored along with their audio programs. The Radio CD will decode and display this text.

MP3 File ID3 Text Information

MP3 files downloaded from the Internet may contain ID3 text information. ID3 text information can be added to MP3 files as the file is created from an uncompressed audio source. The Radio CD will display this text when present in MP3 files. If there is no ID3 text information, the Radio CD will display the file name.
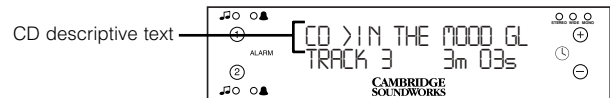
Choosing Text Displays

The JOG menu has separate RDS text and DISC text headings that let you choose between scrolling text display, static text display or no text display.
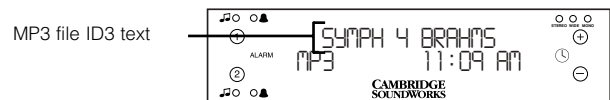
RADIO DATA SERVICE display

RDS descriptive text ⟶

RDS station identification text ⟶

CD-Text display

CD descriptive text ⟶
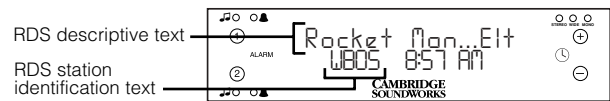
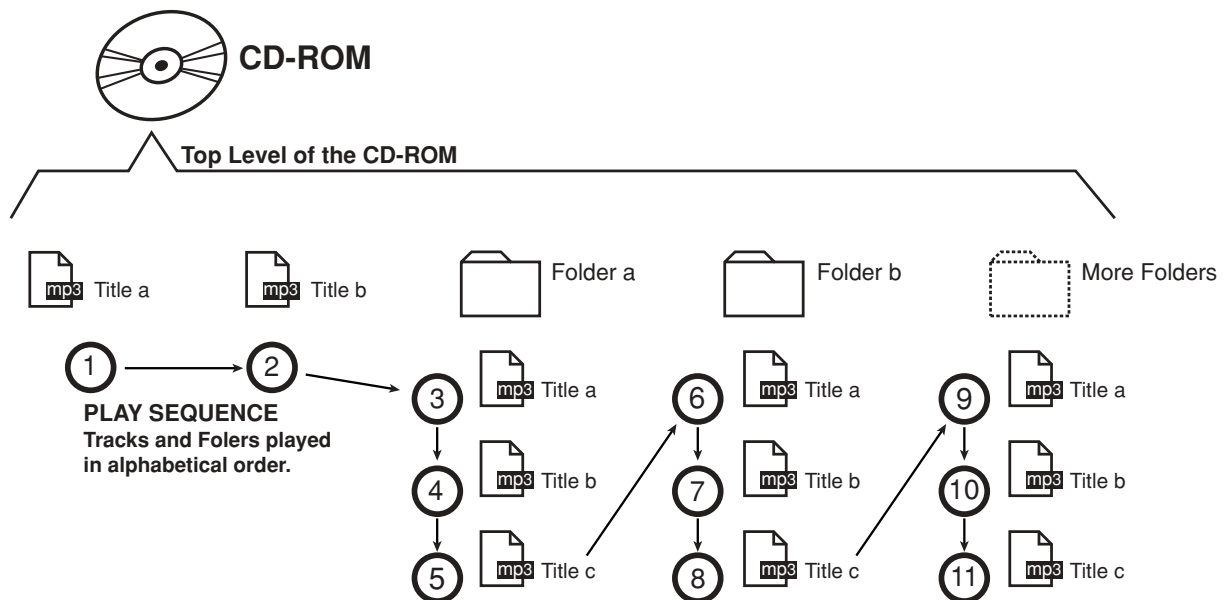*MP3 ID3 Text display*

MP3 file ID3 text ⟶

CD-ROM PLAY

The Radio CD recognizes MP3 compressed audio files stored on a CD-ROM disc. You can create (or "burn") your own CD-ROM compilation discs containing much more music than would fit on an audio CD. The Radio CD will also recognize folders at the top level of a CD-ROM and display their folder names. Use folders on a CD-ROM as a convenient way to select between different groups of music.

The Radio CD recognizes a maximum of 99 tracks in any folder, or at the top level of a disc. The Radio CD will not recognize subfolders. The Radio CD will treat MP3 files inside subfolders as being inside the top level folder.

Sequence of Play on a CD-ROM

a) The Radio CD will first recognize any MP3 files stored on the top level of the CD-ROM. It will play those files "file name" sequence. The Radio CD will ignore any files that do not end in ".mp3".

b) After the Radio CD has played all MP3 files on the top level of the CD-ROM, it will then play the contents of any folders present on the CD-ROM in "file name" sequence.

CD-ROM

Top Level of the CD-ROM

| mp3 Title a | mp3 Title b | Folder a | Folder b | More Folders |

PLAY SEQUENCE
Tracks and Folers played in alphabetical order.

1 → 2 → 3 mp3 Title a
4 mp3 Title b
5 mp3 Title c

6 mp3 Title a
7 mp3 Title b
8 mp3 Title c

9 mp3 Title a
10 mp3 Title b
11 mp3 Title c

CD-ROM PLAY

c) If there are no ".mp3" audio files in the top level of the CD-ROM, the Radio CD will automatically play the contents of the first folder on the CD-ROM (according to the "folder name" sequence).
Press Preset 4 during MP3 file play to briefly display the name of the active folder.

d) Once all the contents of the first folder are played, the Radio CD will play the contents of any remaining folders at the top level of the disc.

e) The FOLDER + and FOLDER - buttons skip to the next or previous directory in sequence according to the folder names.

f) The diagram on page 19 is an example of the automatic play sequence the Radio CD follows when playing the contents of a CD-ROM.

Tips For Preparing An MP3 CD-ROM

1) Start the title of each track or folder with a number to designate its sequence. Many CD-ROM recording programs support the automatic addition of sequence numbers to the start of each MP3 file name.

2) The Radio CD treats numbers as text when determining track and folder sequence. Use a leading zero on single digit numbers (01, 02, 03..,) if the total of your tracks or folders is ten or greater.

3) The Radio CD supports a maximum of 99 tracks at the top level of a CD or within any folder at the top level of the CD-ROM.
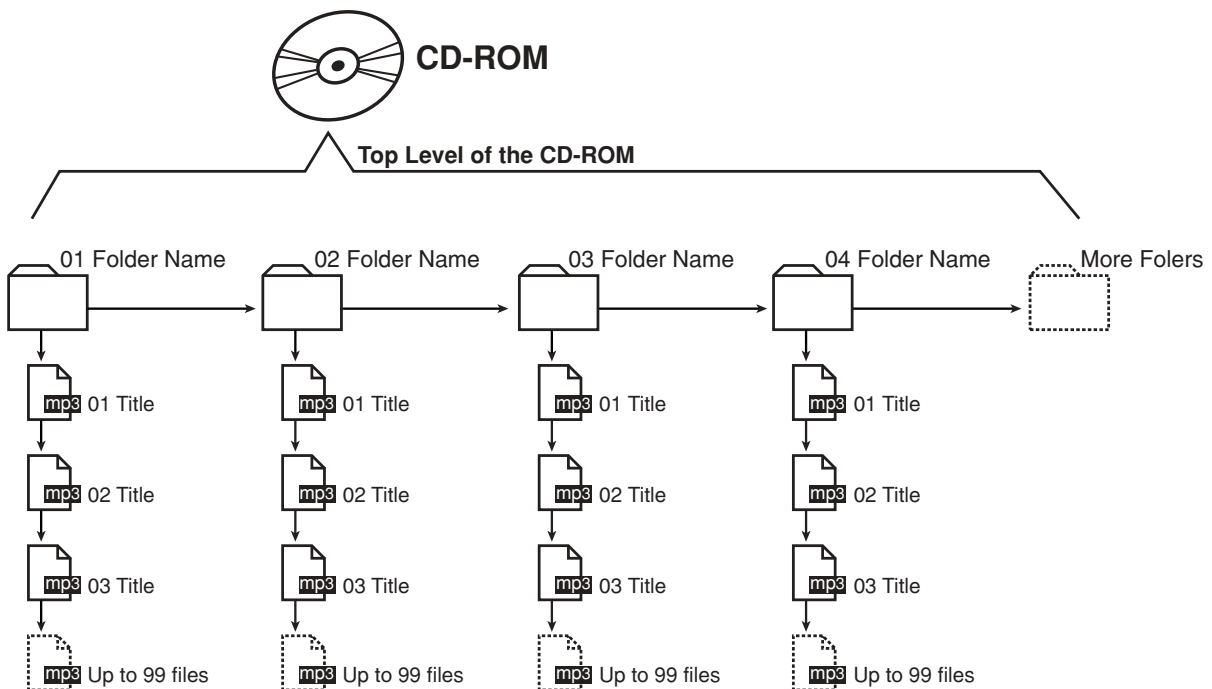
CD-ROM PLAY

Arranging MP3 Files and Folders on a CD-ROM

a) Place only folders at the top level of your CD-ROM (no MP3 files). This lets you cycle through the folders using the FOLDER + and FOLDER - buttons in a similar manner to choosing discs in a multiple CD player.

b) RIP (compress) your favorite tracks from an audio CD into a folder on your computer hard drive. Make sure the track titles start with numbers according to your desired track sequence.

c) Repeat the procedure for other groups of compressed audio files you wish to store on the same CD-ROM, saving the files in separate folders on your hard drive.

d) Use folder titles with a number at the start, in a sequence of your choice.

e) "Burn" all the folders onto a CD-ROM at once.

Once completed, you could have a CD-ROM with much more music than a conventional Audio CD. You can navigate through each folder simply by pressing the FOLDER + and FOLDER - buttons.

CD-ROM

Top Level of the CD-ROM

01 Folder Name	02 Folder Name	03 Folder Name	04 Folder Name	More Folers
mp3 01 Title	mp3 01 Title	mp3 01 Title	mp3 01 Title	
mp3 02 Title	mp3 02 Title	mp3 02 Title	mp3 02 Title	
mp3 03 Title	mp3 03 Title	mp3 03 Title	mp3 03 Title	
mp3 Up to 99 files	mp3 Up to 99 files	mp3 Up to 99 files	mp3 Up to 99 files	

SPECIFICATIONS

Internal audio sources:

FM stereo tuner with display of Radio Data Service text from supporting FM stations.

AM tuner.

CD Transport With:

Audio CD play supporting display of CD-text

Decode and playback of MP3 files from CD-ROM disc.

MP3 data rates supported: 30-300 kbps and variable data rates

Inputs:

One rear panel AUX IN 3.5 mm stereo minijack

One rear panel MIXING INPUT (combined with REC OUT) 3.5 mm stereo minijack

One rear panel AM Antenna 3.5 mm stereo minijack
Antenna stereo mini plug wiring configuration
sleeve – no connection, tip and ring-wire loop antenna

One rear panel FM Antenna "F"-type jack, 75 ohms

One front panel AUX-F 3.5 mm stereo minijack

Outputs:

One rear panel REC OUT stereo minijack

One front panel Headphone 3.5 mm stereo minijack

Rear Panel Controls:

FM antenna INT/EXT switch

Dimensions:

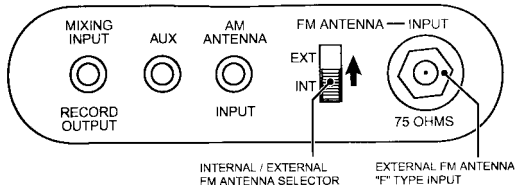|	English	Metric
Height:	4 $^{15}/_{16}$ inches	125 mm
Width:	14 inches	356 mm
Depth:	9 $^{7}/_{8}$ inches	248 mm
Depth (with knob and AC cord):		
	10 $^{3}/_{8}$ inches	258 mm
Weight:	12 lbs	5.5 kg

CAMBRIDGE
SOUNDWORKS®

Thank you for purchasing a Cambridge SoundWorks product!
We appreciate your business and hope you enjoy your purchase for many years.

Please register this product online at **register.hifi.com**

Registering your product will enable us to inform you of new products
and other important announcements. Registering your product will also
allow us to contact you in the unlikely event that your product
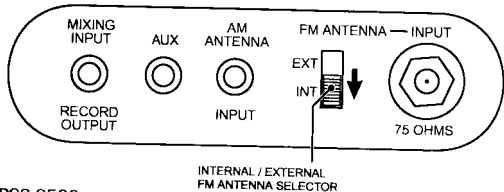needs adjustments or modifications.

This separate FM antenna can improve the reception of some FM stations. If you decide to use this external FM antenna, change the FM antenna switch from "INT" to "EXT" for optimum performance.

MIXING INPUT
AUX
AM ANTENNA
FM ANTENNA — INPUT
EXT
INT
RECORD OUTPUT
INPUT
75 OHMS

INTERNAL / EXTERNAL FM ANTENNA SELECTOR

EXTERNAL FM ANTENNA "F" TYPE INPUT

P83-2540

The AC cord is also the FM antenna for the SoundWorks Radio. Before using the Radio, confirm that the FM antenna switch is set to INT (internal), the proper setting for AC cord antenna operation.

MIXING
INPUT
RECORD
OUTPUT

AUX

AM
ANTENNA
INPUT

FM ANTENNA — INPUT

EXT
INT

75 OHMS

INTERNAL / EXTERNAL
FM ANTENNA SELECTOR

P83-2530