Situalia hus Kuar

Personal CD Player with FM Stereo Radio and Wireless FM Transmission

Also Plays CDs Wirelessly Through Your Car Radio with Breakthrough Technology*

SB3705 OWNER'S MANUAL



Please read this Instruction Manual carefully before using the unit and retain it for future reference

COMPLIANCE WITH FCC REGULATIONS

FCC ID: 2AWRTSB-3705

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

- Thisdevicemaynotcauseharmfulinterference,and
- (2) This device must accept any interference received, including interference that may causeundesiredoperation.

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

- Reorient or relocate thereceivingantenna.
- Increase the separation between the equipmentandreceiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver isconnected.
- Consultthedealeroranexperiencedradio/TVtechnicianforhelp.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible forcompliancecouldvoidtheuser'sauthoritytooperatetheequipment.

CAUTION

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT APPAREIL LASER DE CLASSE 1 PRODUCTO LASER DE CLASE 1 CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM



This product contains a low power laser device.

Followtheadvicebelowforsafeoperations.

ON PROTECTION AGAINST LASER ENERGY EXPOSURE

- Asthelaserbeamusedinthiscompactdiscplayerisharmfultotheeyes,donotattemptto disassemblethecasing.
- Stopoperationimmediatelyifanyliquidorsolidobiectshouldfallintothecabinet.
- Donottouchthelensorpokeatit.lfyoudo,youmaydamagethelensandtheplayermay notoperateproperly.
- Do not put anything in the safety slot. If you do, the laser diode will be ON when the CD door isstillopen.
- If the unit is not to be used for a long period of time, make sure that all power sources are disconnectedfromtheunit.Removeallbatteriesfromthebatterycompartment.
- This unit employs a laser. The use of controls or adjustment or performance of procedures otherthanthosespecifiedheremayresultinexposuretohazardousradiation.

Should any trouble occur, remove the power source and referser vicing to qualified personnel.

DEAR STUDEBAKER CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Overtimeyour hearing "comfort level" adapts to higher volumes of sound. Sowhat sounds "normal" can actually be loud and harmful to your hearing. Guard against this by settingvourequipmentatasafelevel BEFOREvourhearingadapts.

To establish a safe level:

- Start your volume control at a lowsetting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without
- Once you have established a comfortable sound level: Set the dial and leave it there. Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for alifetime.

WeWantYouListeningForaLifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessivenoise.

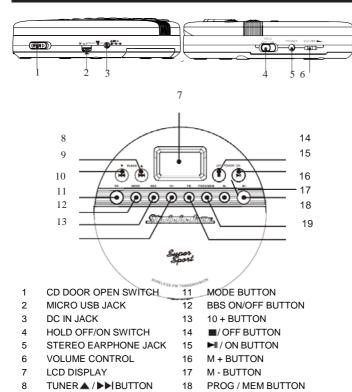


Customer's Record:

The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft ofloss

SerialNumber: ModelNumber:SB3705

LOCATION OF CONTROLS



E-4

19

FM BUTTON

9

10

TUNER ▼ / I◀◀ BUTTON

CD BUTTON

POWER SOURCE

BATTERY OPERATION

Notes: If you are using an external AC adapter (not included) for powering the unit, disconnect it beforeinstalling batteries.

Forbestperformanceandlongeroperatingtime, were commend the use of alkaline batteries.

- 1. Open the BATTERY DOOR on the bottom of the unit.
- Follow the polarity diagram shown in the BATTERY COMPARTMENT to insert 2 X 'AA' size(UM-3)batteriesandclosetheBATTERYDOOR.
- The LCD backlight last for 30 seconds when you press the buttons if you are using battery powered.



- 1. Besurethebatteriesareinstalledcorrectly.Wrongpolaritymaydamagetheunit.
- 2. Useonlythesizeandtypeofbatteriesspecified.
- 3. Do not mix old andnew batteries.
- 4. Donotmixalkaline, standard(carbon-zinc)orrechargeable(nickel-cadmium)batteries.
- If the unit is not to be used for an extended period of time, remove the batteries. Old or leakingbatteriescancausedamagetotheunitandmayvoidthewarranty.
- Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow batterymanufacturer'sdirections).
- 7. Donotdisposeofbatteriesinfire,batteriesmayleakorexplode.

ACADAPTOROPERATION(adaptornotincluded)

ThisunitcanalsobepoweredusinganACadapter(notincluded)withaninputvoltageofAC 120V~60Hz,andoutputvoltageofDC4.5V==−700mA♦ ♦♦.

- 1. PlugtheACadaptor(notincluded)intonormalACpoweroutletsocket.
- 2. Insert the DC plug of the AC adaptor cord into the DC INJACK(#3).
- When the unit is operated using AC adapter, the battery source will automatically be disconnected.

WARNING: Before connecting to the power supply, ensure that the supply corresponds to theinformationontheratinglabelatthebackoftheapparatus

USB POWER

This unit can also be powered using the built-in MICROUSBJACK (#2) and a USB power source (not included) like a cell phone charger, computer USB port or USB power bank. USB cord is also required.

- 1. Use a USB power source with a minimum output of DC 5V === 700mA.
- Plug one end (micro USB plug) of the USB cable into the MICRO USBJACK (#2) and the other end of the cable to the USB charger/power bank/computer (not included).
- The battery source will automatically be disconnected when using the USB port for powering the unit

Caution: When not using USB power, disconnect the USB cable.

EARPHONES CONNECTION

Connect the plug of the stereo earbuds (included) into the STEREO EARPHONE JACK (#5).

- Without insert the earphones, the unit will enter CD and FM transmit mode.
- When earphones is inserted, the FM transmission is stop. Press CD MODE BUTTON (#10) to select CD mode. Press FM MODE BUTTON (#19) to select FM radio mode..

CAUTION

- Avoid excessive volume levels for long period of time when using the earphones. Prolonged use at high levels may impairyour hearing.
- Do not use earphones while operating a motorized vehicle, as it may create a traffichazard and is illegal inmany areas.

CD / MP3 CD OPERATION

PLEASE READ THIS IMPORTANT INFORMATION:

CD mechanisms used in devices like this are designed to fully read all commercial CDs. They willalsoreadself-compiledCD-R/CD-RWdiscsbutitmaytakeupto10secondsforplayback to start. If playback does not start, it is likely due to the quality of the CD-R/RW disc and/or the compatibility of the CD compilation software. Manufacturer is not responsible for the playbackqualityofCD-R/RWdiscs.

DonotattachalabelorsealtoeithersideoftheCD-R/RWdisc.ltmaycauseamalfunction.

FOR WINDOWS USERS:

When using the "Burn a CD" feature to create an MP3 CD in Windows, you must select the "With a CD/DVD player"option when it asks "How do you want to use the disc?" The MP3 CD will not play on this unit if you select the "Like aUSB flash drive" option or if the MP3 CD is not finalized

- Press ►II/ ON BUTTON to turn on the unit.
- Press CD BUTTON to enter CD mode if necessary.
 (For power saving, the unit will turn off automatically after idled 60 seconds.)
- SlidetheCD DOOR OPEN SWITCH(#1)toopentheCDdoor.
- CarefullyplaceanaudioCD/MP3CDwithitslabelsideupwardintheCDcompartment and close the CDdoor.
- 5. The player will start reading TOC ofthedisc.
- 6 The total number of tracks and time on the CD will appear on the LCD DISPLAY (#7) after a fewseconds
 - **Note:** The total number of folders and tracks on the MP3 CD will appear on the LCD DISPLAY (#7).
- Tapthe►II/ ON BUTTON(#15) to start toplay.
- 8 Adjust the VOLUME CONTROL (#6) to obtain the desired sound level.
- To suspend playing, tap the ►II / ON BUTTON(#15) again. To resume playing, tap the ►II / ON BUTTON(#15) again.
- 10. You can choose to play your favorite track directly by pressing either the ▲ / ▶►I BUTTON or ▼ /I◀❸UTTONS (#8 or #9) repeatedly. The LCD Display (#7) will indicate the correct track number selected.
 - Tap the 10+ BUTTON to select the next 10 tracks
- 11. To locate a particular passage within a track, keep the ▲ /▶►I BUTTON or ▼ /

- I◀◆BUTTONS (#8 or #9) depressed until it is found.
- 12 To repeat a particular track, tap the MODE BUTTON (#11) repeatedly until the " indicator lights on the LCD DISPLAY.
 - Note: To repeat the entire folder of the MP3 CD, tap the MODE BUTTON (#11) repeatedly until the "DIR" indicator lights on the LCD DISPLAY (#7).
- 13 To repeat all the songs on the disc, tap the MODE BUTTON (#11) repeatedly until the "ALL" indicator light on the LCD display.
- 14 To play the first 10 seconds of each song on the disc, tap the MODE BUTTON (#11) repeatedly until the "INTRO" indicator light on the LCD display.
- 15. To play songs randomly,tap the MODE BUTTON (#11) repeatedly until the RAND indicator light on the LCD display.
- 16. To stop playing, tap the / OFF BUTTON (#14).
- 17. Press and hold the /OFF BUTTON (#14) to turn off the unit

PROGRAM OPERATION

This function allows the tracks to be played in a programmed sequence. Programs can be set in STOP mode.

- Tap the PROG / MEM BUTTON (#18) once. The Program Channel Number "01P" will appear and the "PROG" indicator and track number "00" will blink on the LCD DISPLAY (#7) to prompt for input.
- [For MP3 CD, track number "000" will blink on the LCD DISPLAY (#7) to prompt for input.]

 2. Tap ▲ /▶▶|BUTTON or ▼ / |◄◄|BUTTON (#8 or #9) repeatedly t select the track to be
- programmed.
 3. Tap the PROG/MEMbutton (#18) again to store selection. The Program Channel
- Tap the PROGNEWOUTCH (#15) again to store selection. The Program Chainlet numberwillchangeto02Pandthetracknumberwillreturnto00 (000 for MP3 CD)topromptforinput.
- 4. You mayrepeatsteps2-3toprogramas manyas20tracks.
- Tap ►IBUTTON (#15) tostart theprogrammedplay, the "PROG" indicator will show up in the LCD DISPLAY (#7).
- You may repeat the current programmed track or all programmed tracks by pressing the MODEbutton(#11)repeatedlyto select repeat 1 or repeat all at programmed play mode.
- Tap /OFFBUTTON (#14) once to stop playback.
- 8. Tap ►II/ ON BUTTON (#15) to resume programmed play.
- To cancel programmed play, press ■/OFFBUTTON (#14) twice.

ANTI-SHOCK PROTECTION

This player incorporates an electronic anti-skip circuit to prevent interruption of the sound outputwhentheunitissubjectingtoshock, vibrationorrollingduringCDplayback. Theantis-shock system will automatically activate when a discisplayed.

Once anti-skip buffer is full, it will give you approximately 60 seconds (CD disc) or 120 seconds (MP3 disc) of protection against interruption of sound output. If the player is subjected to shock or rolling for longer than the buffer memory, some interruption of sound output will occur. This is normal and to be expected and the sound will resume once the player has stabilized from the shock or rolling disturbance.

Note: The anti-skip function provides for continues sound output when the unit is subjected to shock or vibration. It will not compensate for errors arising from the use of defective, scratched or dirtydiscs.

RADIO OPERATION

- Press IV ON BUTTON to turn on the unit.
- 2. Press FM MODE BUTTON(#19) to selectFMmode.
- 3. The "FM"indicatorandradiofrequencylightontheLCDDISPLAY(#7).
- 4. To manually tune to a specific radio station, tap ▲ / ▶ I BUTTON or ▼ /I◀◀ BUTTON (#8 or #9). Use the manual tuning method to tune in weaker stations that areboasseddurinoAutomaticTunino.
- 5. To automatically tune to the next available radio station, press and hold the ▲ / ▶►I BUTTON or ▼ /I◀◀ BUTTON (#8 or #9) 1-2 seconds until frequencyreadoutonthedisplay begins to scan and then release the button. The tuner will stop scanning when it receivesthenextbroadcastinostationofadeguatesignalstrenoth.
- 6. Adjust the VOLUME CONTROL (#6) to the desiredvolumelevel.

PRESET RADIOSTATIONS

- 1. Tunetothedesiredradiostationeitherby "manually" or "automatically" tuning method.
- After receiving a station, press and hold the PROG/MEM BUTTON (#18), the "MEM" indicator and the preset memory number P-01 will blinkon the LCD DISPLAY (#7) to prompt for input, press the M + BUTTON (#16) or M – BUTTON (#17) repeatedly to select the preset numberyou want to assign the station to.
- 3. Tap the PROG/MEM BUTTON (#18) to confirm the setting.
- 4. Repeat above steps 1 3 to preset up to 20stations.

TIPSFORBESTRECEPTION

- Thecordoftheearphoneactsasanantennafortheradioandmustbefullyextendedfor bestreception.
- Unplug the earphone, the unit will change to CD mode automatically.

FM TRANSMISSION

- Press ►II/ ON BUTTON to turn on the unit.
- Disconnect the earphones if necessary. The unit will enter CD and FM transmit mode automatically.
- Adjust the radio (car radio) to the white space (i.e. the channel without any broadcast).
 The reference is clear rustling.
- Press M+ BUTTON (#16)/ M- BUTTON(#17) to adjust the transmission frequency (87.5-108MHz) to the same as the radio (car radio).
 - (The transmit frequency will show on the LCD display (#7) and last 2 seconds,
- 5. Now you can enjoy the CD/CDMP3 music from the SB3705 through your radio (car radio).

Notes:

- The transmit frequency of the factory preset is 88.1 MHz. For quick connect with your radio (car radio), just play CD without insert the earphones. Radio (car radio) search down to find the transmit frequency (88.1 MHz) would be OK.
- · Once earphones inserted, the unit will stop the transmission.

BASSBOOSTFUNCTION

Tapthe BBS ON/OFF BUTTON (#12) to turn on the BBS to enhance the bass effect of the music. Tap again to turn off the BBS.

HOLDFUNCTION

To prevent accidental function changes during active use, this unit is fitted with a function hold. After the unit has been powered on and playing in CD or FM mode, slide the HOLD ON/OFF SWITCH (#4) to ON position. The hold indicatorwill lightontheLCDDISPLAY(#7). Slide the HOLD ON/OFF SWITCH (#4) to OFF position toturnoffthehold function.

RESETTING THE UNIT

In case of malfunction due to electrostatic discharge, reset the unit by disconnecting the DC plug of the AC Adapter from the DC IN JACK (#3) and remove the batteries. Wait at least for3minutesbeforereconnectingtheDCplugtotheDCINJACK(#3)orinsertthebatteries.

INSTALLING CAR MOUNT

Attach the magnetic mount to air vent by sliding the vent claw onto a single air vent flap. There is one metal plate installed inside the unit. Place your unit on the magnetic car mount.



CAREANDMAINTENANCE

- 1. Cleanyourunitwithadamp(neverwet)cloth.Solventordetergentshouldneverbeused.
- 2. Avoidleavingyourunitindirectsunlightorinhot, humidordustyplaces.
- Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lampsor motors.
- If drop-outs or interruptions occur in the music during CD play, or if the CD fails to play at all, its bottom surface may require cleaning. Before playing, wipe the disc from the center outwards with a good soft cleaningcloth.



TROUBLESHOOTINGGUIDE

If you experience difficulties in the use of this CD / MP3 CD Player, please check the following or call 1-800-777-5331 for Customer Serviceand support

SYMPTOM	POSSIBLE	SOLUTION
Nosound	Battery nopower	Replace all batteries with new
	Volume set atminimum	ones. IncreaseVolume.
Noise or sound distorted on FM broadcast	Earphone cord is not extended	Extend earphonecord
Radio nosound	The unit is not in Radio mode	Insert the earphone and select Radiomode
	The station isweak	Retune the stationagain
	Unit not in CDmode	Switch to CDmode
CD player will notplay	CD is installedincorrectly	Insert CD with label sideup.
	Batteries becomeexhausted	Replace all batteries with new ones.
	It the CD is self-compiled, the media used may not be compatible with theplayer.	Use better quality blank media andretest.
CD skips whileplaying	Disc is dirty orscratched.	Wipe CD with clean cloth oruse anotherdisc.
	Dirty or defectivedisc	Clean or replace the defective disc
	Dirty pick uplens	Use a CD-lens cleaning disc to clean thelens
	Player is subject to excessive shock orvibration	Relocate the player away from shock orvibration
	Batteries becomeexhausted	Replace all batteries with new ones.

SPECIFICATION

Power Requirement Battery: 2 x "AA" (UM-3) batteries (notincluded)

AC Adaptor (not included): Input: AC 120V ~60Hz

USB Power Output: DC 5V === 500mA

FMFrequency 87.5 MHz- 108MHz TM Transmission 87.5 MHz- 108MHz

90 DAY LIMITED WARRANTY AND SERVICE VALID IN THE U.S.A. ONLY

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 90 days from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

- The warranty applies to the SPECTRA product only while:
 - It remains in the possession of the original purchaser and proof of purchase is demonstrated.
 - It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
 - Claims are made within the warranty period.
- This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.
- Warranty of all SPECTRA products applies to residential use only and is void when products are used in nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) andpack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address, phone number and email address to expedite the process. IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for \$30.00 to cover

the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid. It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at custserv@spectraintl.com for updated information on the unit requiring service. In some cases, the model you have may be discontinued, and SPECTRA reserves the right to offer alternative

SPECTRA MERCHANDISING INTERNATIONAL, INC.

4230 North Normandy Avenue.

options for repair or replacement.

Chicago, IL60634, USA. 1-800-777-5331

To register your product, visit the link on the website below to enter your information. http://www.spectraintl.com/wform.htm

