

SPARC SHD-ITR2BT

Quick Start Guide

The HD Radio™ Experience | Here. Now. Everywhere. | Go ahead and get started.

Your SPARC SHD-ITR2BT

Your SHD-ITR2BT is a high-quality tabletop and transportable radio offering the most advanced radio reception technology—HD Radio™ Technology.

HD Radio™ Technology

The SHD-ITR2BT tunes both traditional analog AM/FM and new HD Radio digital broadcasts. In digital mode, sound quality is improved, new broadcast streams (stations) not available in analog are available, and advanced programming information such as Artist and Song Title can be displayed. To find new digital stations, go to www.hdradio.com/stations.

Primary (HD1) signals are received in both analog and digital. If the digital signal is lost, the Radio will automatically blend to the analog signal and continue to play. However, when receiving the new additional signals (HD2/HD3), there is no analog component: if the signal is lost, the Radio will mute to silence. If this happens, you can wait for the signal to return or simply tune the Radio to another station.

SPARC SHD-ITR2BT Features

- New broadcast channels and content, not available on a traditional AM/FM radio
- Advanced programming information, such as Artist and Song Title
- Advanced features, such as Emergency Alerts for weather, civil, and police warnings and Voice Assist for confirmation of button control
- Digital Sound | HD2/HD3 | Program Info | Bookmark
- Programmable Sleep Timer
- Streaming Audio using Bluetooth® Connectivity
- Audio Equalizers (EQs) for the Bluetooth Audio Stream
- AUX Audio Input
- Dual Alarms (Wake to an HD Radio program or wake to a tone)
- AC or Battery Operation (batteries not included)
- USB Charging
- International Tuning
- Multilingual User Experience: English, French, Spanish, Portuguese

NOTE: Out of the box, the Emergency Alerts Monitoring feature is set to OFF.

Enjoy reading this quick start guide. To learn more about SPARC Radios, go to www.sparcradio.com. To learn more about HD Radio Technology, go to www.hdradio.com.



SPARC SHD-ITR2BT

How to use your Radio

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Controlling the Radio with the Buttons

Various buttons are available for controlling the Radio's array of functions.

POWER

Press the POWER button to "Power On" / "Power Off" the Radio.

"Power Off" with Emergency Alerts Monitoring On: allows background scanning for alerts.

"Power Off" with Emergency Alerts Monitoring Off: extends battery life.

SOURCE

Press SOURCE to change radio modes: AM HD Radio Mode or FM HD Radio Mode.

Press SOURCE to access Bluetooth Mode or to access AUX Audio Input Mode.

For more information on Bluetooth or AUX Audio, look to the relevant sections in the Manual.

Play / Pause and ENTER

In Radio Mode, press to select a choice from a list of options: press to save the settings and exit the screen.

In Bluetooth Mode, press to play or pause the audio stream.

MENU

Press the MENU button to access and view the various screens with their options and settings: press MENU to exit the screen without saving the settings.

While in any screen or menu, press-and-hold the MENU button to exit.

SNOOZE

Press SNOOZE to answer or end a phone call in Bluetooth Mode, to snooze an alarm, or to snooze/ignore an Emergency Alert.

With voice prompts enabled, press SNOOZE to announce the time.

TUNE+ and TUNE-

Press to tune up and to tune down the broadcast band: stops at each station possibility.

SEEK DOWN and SEEK UP

Press to find the previous or next "strong signal" station.

◀ (for SEEK DOWN) and ▶ (for SEEK UP)

While navigating the options in one of the menus/screens, press to move the highlight to another option.

PRE+ and PRE- (Preset Stations)

Press-and-hold PRE+ to save the current station as a preset.

Press-and-hold PRE- to delete a previously stored preset.

Quick-press PRE+ or PRE- to scroll to the next or previous preset.

In Bluetooth Mode, quick-press PRE+ or PRE- to scroll through the EQ presets.

VOL+ and VOL-

Quick-press to adjust the volume in increments.

Press-and-hold to adjust the volume continuously.

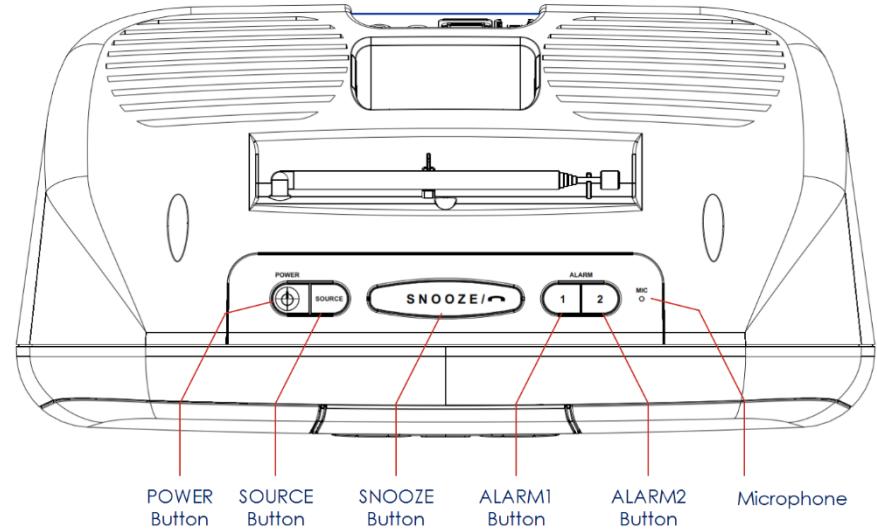
While considering a highlighted option in one of the menus/screens, press to change the setting/value for the highlighted option.

SPARC SHD-ITR2BT

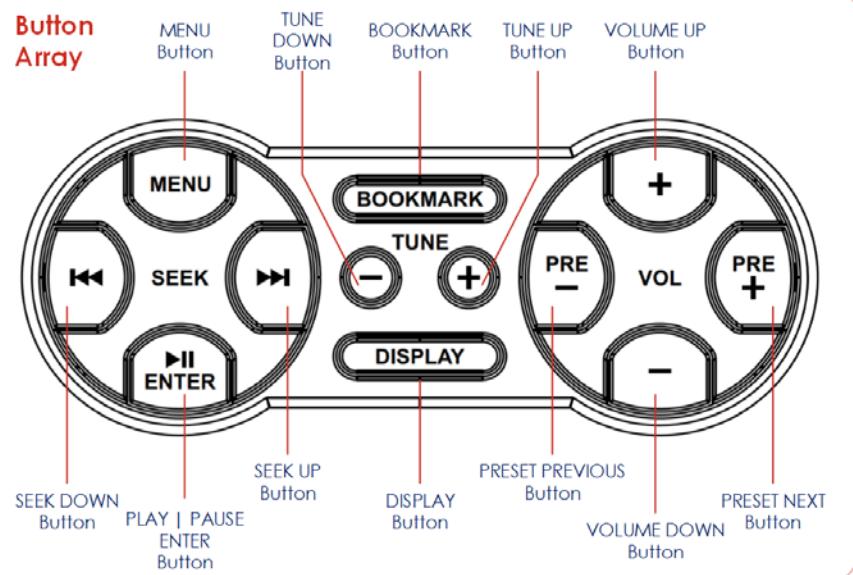
Buttons on the Radio

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Button Array | Microphone



Button Array



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How to use your Radio (continued)

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Controlling the Radio with the Buttons (continued)

Various buttons are available for controlling the Radio's array of functions.

DISPLAY

Press the DISPLAY button for Radio Display Mode, Clock|Alarm Display Mode, or Emergency Alerts History (if alerts have occurred).

If the Radio is tuned to an HD Radio station, press the DISPLAY button to view the HD Radio Station Guide. The HD Radio Station Guide showcases the HD Radio programs that the station is playing.

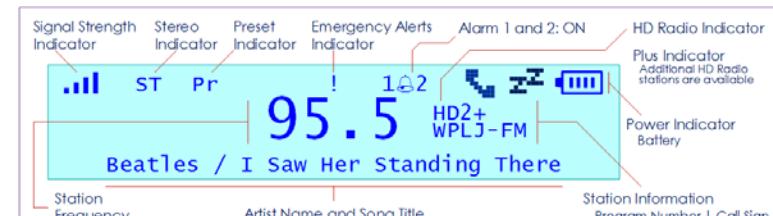
Press-and-hold the DISPLAY button to change the brightness of the backlight.

Change your Radio's Display

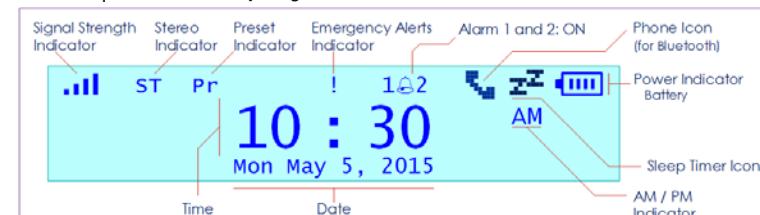
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Press the DISPLAY button for Radio Display Mode, Clock|Alarm Display Mode, or Emergency Alerts History (if alerts have occurred).

Radio Display Mode



Clock | Alarm Display Mode



Emergency Alerts History



View the Menu Screens | Bookmarks | Icon Guide
Download your Owner's Manual from
www.sparcradio.com

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Your Radio's Bluetooth Mode

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When the Radio is powered on, the SHD-ITR2BT will appear as a device on your Bluetooth-enabled smartphone.

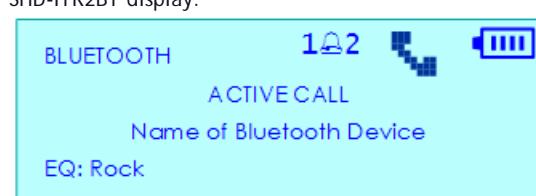
Press the SOURCE button on the SHD-ITR2BT to switch from Radio Mode to Bluetooth Mode.

Using Bluetooth to Stream (Play) Music

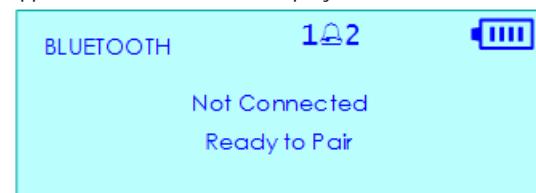
In your smartphone's settings, turn on Bluetooth and discover the "SPARC SHD-ITR2BT".

After your smartphone has discovered the "SPARC SHD-ITR2BT", it may take a moment for the "BLUETOOTH" status indication on the SHD-ITR2BT's display to change from "BLUETOOTH Not Connected" to "Connected".

If the Bluetooth connection is discovered, the "BLUETOOTH" status indication will appear on the SHD-ITR2BT display.



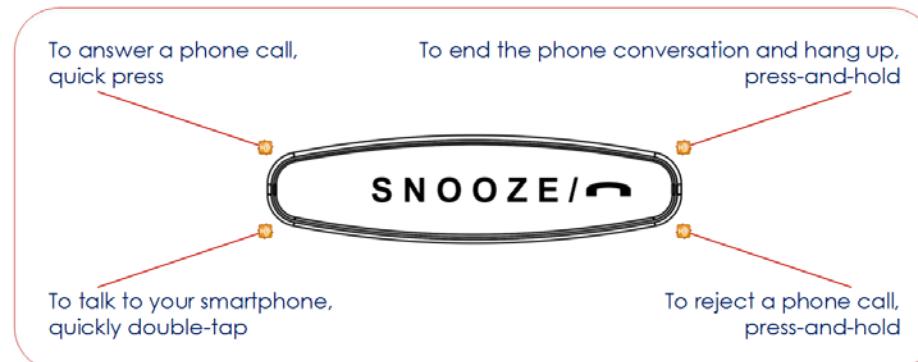
If the Bluetooth connection is lost, the "BLUETOOTH Not Connected" status indication will appear on the SHD-ITR2BT display.



Button Functions in Bluetooth Mode

Managing Phone Calls using the SHD-ITR2BT's SNOOZE Button

Press the SNOOZE button to manage your phone calls in these situations:



Phone calls can be received in any mode: AM Radio, FM Radio, Bluetooth, or AUX.

SPARC SHD-ITR2BT

Exploring Emergency Alerts

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Emergency Alerts (EA) is a warning system used by broadcasters to notify listeners about potential hazardous situations related to extreme weather, floods, infrastructure failures, amber alerts (child abductions), and more.

The Radio must be in an environment so that it can receive the audio and data services from a station that broadcasts the Emergency Alerts.

When Emergency Alerts Monitoring is ON, the Radio will present the listener with audio and text-based alerts; and, the alerts can even awaken the Radio from a standby mode.

Selecting and Changing the Settings for Emergency Alerts

Press MENU to access and view the "Emergency Alerts" screen.

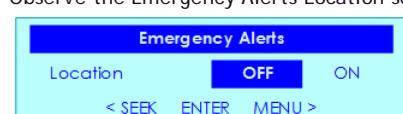
NOTE: Out of the box, the Emergency Alerts Monitoring feature is set to OFF.



Press SEEK to change the setting for Emergency Alerts Monitoring.

Press ENTER to save the choice: "On" or "Off".

Observe the Emergency Alerts Location screen (Location setting).



Press SEEK to highlight the setting for Location: "On" or "Off".

If you choose to have the Location setting as "Off", then all of the alerts that are broadcast within the Radio's range will be received. By default, the Location setting in the Location screen for the Emergency Alerts feature is "Off".

If you choose to have the Location setting as "On", then press ENTER after highlighting "On".

The options for Alert Location include: State/County, or, Zip Code.

When the setting for Location is enabled ("On") and when various locations are defined in the broadcast signal and when your location matches one of the locations in the broadcast signal, then the Radio will display text alerts (or the alerts will awaken the Radio from standby mode).

Emergency Alerts Icon Guide

Icon	Icon Description
!	Emergency Alerts Monitoring is OFF
△	Solid: Indicates that the station supports Emergency Alerts Blinking: Indicates that a received Emergency Alerts Message has been ignored
△\n△	Alternating up-down: Indicates that a received Emergency Alerts Message has been snoozed
☒	Blinking: Test Emergency Alerts message is OK and has been ignored
☒\n☒	Alternating up-down: Test Emergency Alerts message is OK and has been snoozed

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Your Radio's Alarms

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Setting the Alarms

Alarms may be set while the Radio is in standby mode or while the Radio is in active (ON) mode.

Quick-press ALARM1 (or ALARM2) to view the ON/OFF status of the alarm.

Quick-press ALARM1 (or ALARM2) to change the ON/OFF status of the alarm.



Press-and-hold ALARM1 (or ALARM2) to view and change the wake status and the wake time for the alarm.



Press ▶ (SEEK UP) or ▶ (SEEK DOWN) to move the highlight to one of the options: ON/OFF, HOURS, MINUTES, or AM/PM.

Press VOL+ or VOL- to change the option's setting.

After changing the settings:

Move the highlight to the "Next" option: press ENTER to save these settings and continue "Setting the Source and Volume for the Alarms".

Move the highlight to the "Cancel" option: press ENTER to discard the choices that were made for these settings.

Note: While setting the alarms, press-and-hold the DISPLAY button to view the clock.

Choosing your Options when the Alarm Sounds

When the alarm sounds, the alarm information will appear on the Clock | Alarm display.



The alarm that is sounding will show its blinking alarm indicator.

In this case, ALARM1 would be blinking.

You have two options to acknowledge that an alarm has sounded.

Option 1 (Snooze)

Press the SNOOZE button to snooze the alarm for nine (9) minutes.

When the alarm is snoozed, press the ALARM1/2 button or the Power button to end the snooze interval, dismiss the alarm for that day, and return to the previous listening state.

Option 2 (Dismiss)

Press the ALARM1/2 button or the Power button to dismiss the alarm for that day and return to the previous listening state: the alarm will still be enabled for the next day.

Note: The alarm will turn off after 60 minutes.

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Exploring Emergency Alerts (continued)

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Your Radio may Display an Emergency Alert

Here is an example.



Understanding the Emergency Alerts History

Once the Radio detects an alert, it will sound an alert tone, display the alert category (such as Weather, Hazmat, etc.), and scroll the alert text.

Press the DISPLAY button to view the "Emergency Alerts History": use the SEEK buttons to scroll through the history, which contains the five most recent Emergency Alerts.



Information

Owner's Manual

Download your owner's manual from www.sparcradio.com.

Gift Box Contents

SHD-ITR2BT HD Radio Receiver

AC Adapter | Quick Start Guide | Warranty

Warranty

90-day Limited Warranty | For details, visit www.sparcradio.com.

Copyright & Trademarks

HD Radio Technology manufactured under license from iBiquity Digital Corporation.

U.S. and Foreign Patents apply.

HD Radio™ and the HD, HD Radio, SPARC™, and "Arc" logos are proprietary trademarks of iBiquity Digital Corporation.

All other trademarks and logos are proprietary to their respective owners.

Compliance

This device complies with Part 15 of the FCC Rules.

Operation of this product is subject to the following two conditions:

[1] this device may not cause harmful interference, and

[2] this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.