



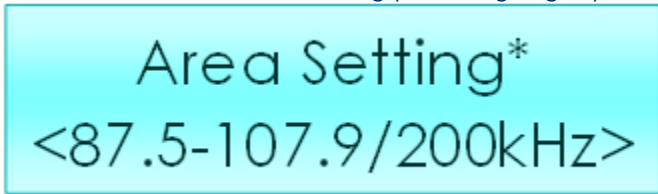
International Tuning

Area Setting Menu (FM Tuning Regions)

Press MENU and then press TUNING to view the Area Setting menu.



Press ENTER to access the tuning regions.
Press TUNING to change the Area Setting to one of the FM Tuning Regions.
Press ENTER to save the Area Setting (FM Tuning Region).



FM Tuning Regions
 Region A (Philippines, Romania): FM (87.5 to 108.0 MHz), 100 kHz
 Region B (US, Mexico, Canada): FM (87.5 to 107.9 MHz), 200 kHz
 Region C (SE Asia): FM (87.5 to 108.0 MHz), 50 kHz
 Region D: FM (75.9 to 107.9 MHz), 200 kHz
 Region E (Brazil): FM (76.0 to 108.0 MHz), 100 kHz
 Notice that the asterisk (*) indicates the current setting.

Backlight Adjustments

Backlight Timeout

Backlight timeout controls the amount of time that the backlight is on. Unless adjusted, the backlight will stay on at all times.

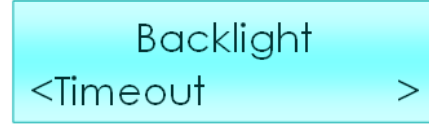
Timeout Settings

- OFF: The backlight timeout feature is turned off.
- 15 sec: The backlight will turn off after 15 seconds.
- 30 sec: The backlight will turn off after 30 seconds.
- 45 sec: The backlight will turn off after 45 seconds.
- 60 sec: The backlight will turn off after 60 seconds.

Press MENU and then press ENTER to access the System Backlight menu.



Press the ENTER button to access the Backlight Timeout menu.



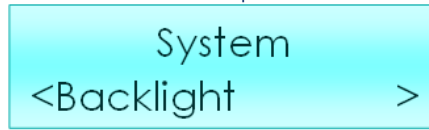
Press ENTER to proceed.

Press TUNING or TUNING to change the Backlight Timeout setting.
Press ENTER to save the setting and exit the menu.

Backlight Level/Brightness

This feature controls the brightness of the backlight. There are nine backlight level settings (0 to 8). Level 8 is the brightest setting and level 0 is the dimmest setting.

Press MENU and then press ENTER to access the System Backlight menu.



Press the ENTER button to access the Backlight Timeout menu.



Press TUNING to access the Backlight Level menu.



Press ENTER to proceed.

Press TUNING or TUNING to change the Backlight Level setting.
Press ENTER to save the setting and exit the menu.

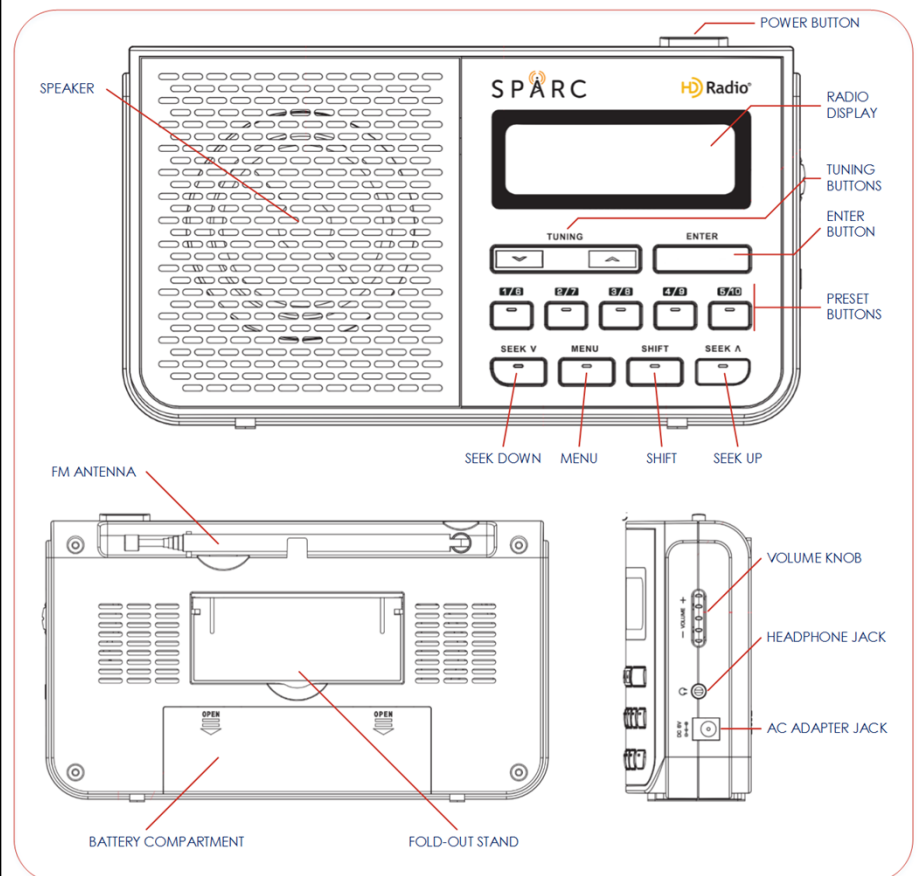
SPARC™ SHD-TR05R Quick Start Guide

The SHD-TR05R is a high-quality transportable/table radio, offering the most advanced radio broadcast technology—HD Radio™ Technology. The TR05R offers:

- CD-like sound quality for FM
- New broadcast channels and content (HD2/HD3), not available on a traditional FM radio
- Advanced programming information: such as Artist and Song Title
- Advanced features: such as backlight timeout and brightness adjustment and international tuning regions
- Presets, Seek, Tune
- AC or Battery Operation (batteries not included)

Please read 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-TR05R: Controls and Connections



SPECIFICATIONS

Performance Parameter	Specifications
International Tuning Regions Frequency Ranges Frequency Step Sizes	Area Settings (FM Tuning Regions) Region A (Philippines, Romania) FM: (87.5 to 108.0 MHz), 100 kHz Region B (US, Mexico, Canada) FM: (87.5 to 107.9 MHz), 200 kHz Region C (SE Asia) FM: (87.5 to 108.0 MHz), 50 kHz Region D FM: (75.9 to 107.9 MHz), 200 kHz Region E (Brazil) FM: (76.0 to 108.0 MHz), 100 kHz
Languages Available	English (Default language is English) Spanish (Español) Portuguese (Português) French (Français)
Number of Preset Stations that can be Stored	10
Headphone Jack Type	3.5-mm, 1/8-inch (Headphones not included)
Display Type	Monochrome LCD 2 x 16 characters
Power Input from AC Adapter	6 VDC, 500 mA
Battery Type and Quantity	AA-size alkaline / Four (4) (Batteries not included)
Speaker Output Power	1 watt (rms)

WARRANTY

90-day repair or replace.
Go to www.sparcradio.com.

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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.

HD Radio™ Technology

This radio tunes traditional analog 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 additional information such as Song Titles and Artist Information 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 equivalent; if the signal is lost, the radio will mute to silence. If this happens, you can wait for it to return or simply tune to another station.

For stations in your area, scan this code or go to www.hdradio.com/stations.



Location of Radio and Antenna

Reception is improved when the radio is near windows and outside walls. The antenna should be extended fully and oriented for best reception. Other appliances, computers, TVs, light dimmers, electric motors, etc. may interfere with signal reception.

This radio is equipped with an external, extendable FM monopole antenna. Take care not to bend or break it when moving it.

AC Power Supply

The AC Power Supply should be located as far from the antenna as practical, and positioned for best possible reception.

General Button Guide

Press MENU to access and view the menus and their options and settings.
Press TUNING or TUNING to highlight one of the options in the menu.
Press ENTER to progress forward through a menu or to save a setting.
Press TUNING or TUNING to change a setting(s) in a menu.
Press ENTER to save the settings and exit the menu.
Press MENU to exit the menu without saving the settings.
While in any menu, press the MENU button to exit and return to the radio display.
Asterisk (*) indicates the current setting

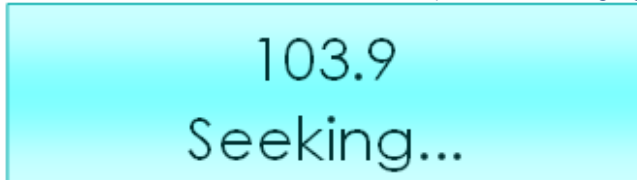
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ENTER

Press ENTER to select a choice from the list or menu of options.

SEEK V (seek down)

Press the SEEK V button to seek/find the previous "strong signal" station.



SEEK A (seek up)

Press the SEEK A button to seek/find the next "strong signal" station.

MENU

Press the MENU button to access a menu.

SHIFT

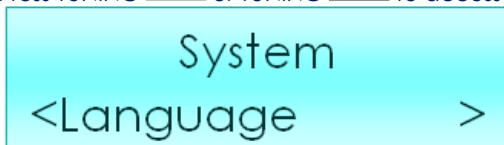
Press the SHIFT button to access Preset #6 to Preset #10.

VOLUME KNOB

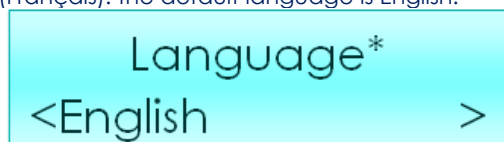
Rotate the volume knob toward the "+" symbol to turn the volume up.
Rotate the volume knob toward the "-" symbol to turn the volume down.

Language Menu

Press MENU and then press ENTER.
Press TUNING or TUNING to access and view the System Language screen.



Press ENTER to access the Language settings.
Press TUNING or TUNING to change the language setting.
When your language appears: press ENTER to save the language setting.
Available languages are English, Spanish (Español), Portuguese (Português), French (Français); the default language is English.



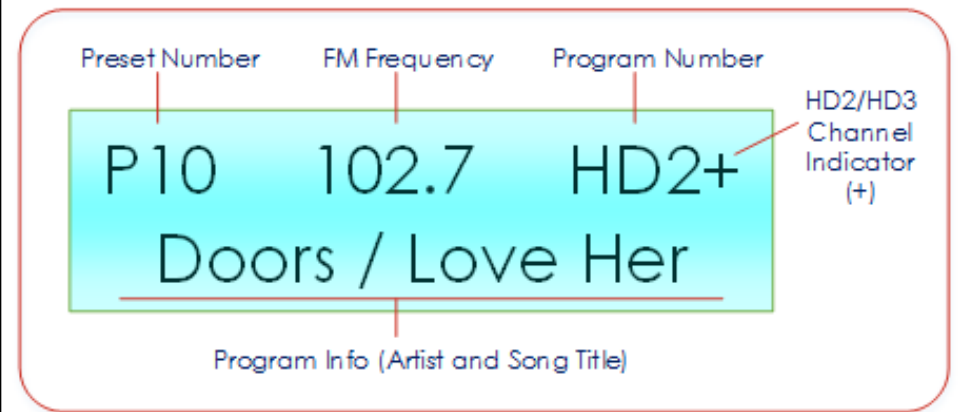
Notice that the asterisk (*) indicates that English is the current language setting.

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POWER

Press ON/OFF to "Power On" or "Power Off". The power button is located on top of the radio.

RADIO DISPLAY: FM Radio Mode



TUNING BUTTONS

Quick Press TUNING to "tune up" or Quick Press TUNING to "tune down" the frequency band: radio tunes to each frequency/station possibility.
To quickly "tune up" or "tune down" the frequency band press and hold TUNING or press and hold TUNING .

PRESET BUTTONS

The SHD-TR05R can store/save up to 10 of your favorite stations.
To store the current station, press and hold 1/6, 2/7, 3/8, 4/9, or 5/10.
Display will show: Preset Store, Preset Number, and Frequency.

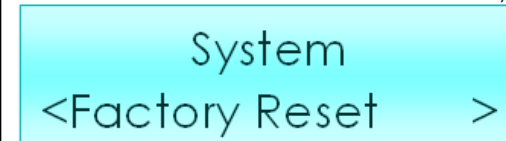


To recall a Preset Station (1 to 5): press 1/6, 2/7, 3/8, 4/9, or 5/10.
To recall a Preset Station (6 to 10): press SHIFT, and then press 1/6, 2/7, 3/8, 4/9, or 5/10.
If a preset is not defined, a "Preset Empty" message will appear.

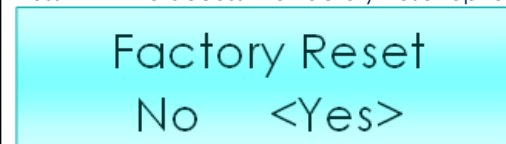
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Factory Reset Screen

Press MENU and then press ENTER.
Press TUNING to access and view the System Factory Reset screen.



Press ENTER to access the Factory Reset options.

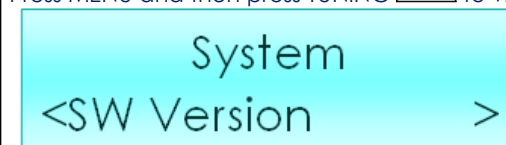


Press TUNING or TUNING to highlight one of the options: "NO" or "YES".
Selecting "YES" will restore the radio to the initial factory settings.
Press ENTER to save the Factory Reset option.
The LCD will display "Restart...." to confirm that the radio has been restored to the initial factory settings.



Software Version Screen

Press MENU and then press TUNING to view the SW Version screen.



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