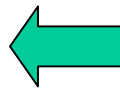


Operating Guide

For

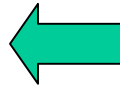
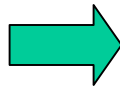
WorldSpace

Digital Receivers



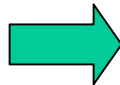
JVC Receiver
Pages 3 and 4

Sanyo Receiver
Pages 5 and 6



Panasonic Receiver
Pages 7 and 8

Hitachi Receiver
Pages 9 and 10



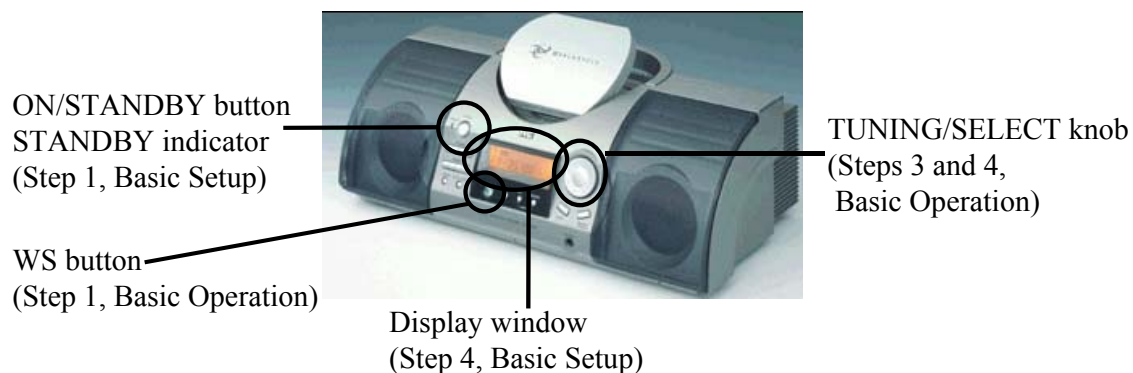
Basic Setup

JVC Basic

1. Plug the receiver in. STANDBY indicator will be red.
2. Press the ON/STANDBY button on the top-left of the unit to turn the receiver on. The STANDBY indicator light will turn off.
3. If the receiver is set to any of the commercial bands (FM, AM (MW), or SW), press the green WS button.
4. Adjust the antenna to the proper orientation. In Saudi Arabia, orient the antenna towards the Southwest at middle elevation.
5. The antenna signal indicator on the display window will show up to 3 bars. Try to position to antenna for the maximum number of bars.

Basic Operation

1. After turning on the receiver, positioning the antenna, and pressing the WS button, the first WorldSpace broadcaster should be audible.
2. If there is adequate signal strength and no WorldSpace audio is available, try to search for the broadcasters (see next section).
3. Rotate the TUNING/SELECT knob to select the broadcaster.
 - * Counterclockwise to move up 1 broadcaster
 - * Clockwise to move down 1 broadcaster
4. As the TUNING/SELECT knob is rotated, the broadcaster ID is displayed followed by the broadcaster label, if available.



JVC Search (Learn)

Learn Mode



Note

This section does not apply if you are receiving WorldSpace audio content. However, if no broadcasters can be heard and the display window shows an adequate signal strength, then you will have to force the receiver to search for the broadcasters.

1. Press the Learn button underneath the display window. “LEARN?” will appear on the display window.
2. Press the Learn button again while “LEARN?” is displayed.
3. “LEARN 99” is displayed on the screen. The display will count down as the tuner automatically searches for the broadcasters in the WorldSpace band.
4. If the search is successful, the 1st broadcaster will be heard and the rest of the broadcasters will be in memory. Follow the directions in the Basic Operations section to tune through the broadcasters.



Display window
(Steps 1 - 3)

Learn button
(Step 1)

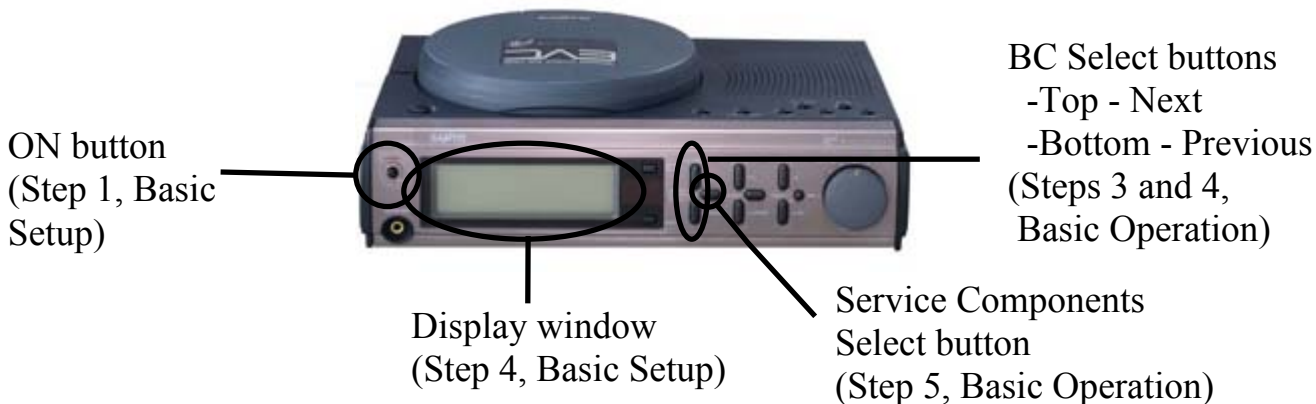
Basic Setup

Sanyo Basic

1. Plug the receiver in. The clock will be displayed
2. Press the ON button on the top-left of the unit. The clock goes off.
3. Adjust the antenna to the proper orientation. In Saudi Arabia, orient the antenna towards the Southwest at middle elevation.
4. If there is no signal, the display will read “CHECK ANTENNA”. If there is a signal, a satellite icon will appear in the top right of the display. Try to position to antenna so that the satellite icon is present.

Basic Operation

1. After turning on the receiver and positioning the antenna, the first WorldSpace broadcaster should be audible.
2. If there is adequate signal strength and no WorldSpace audio is available, try to search for the broadcasters (see next section).
3. Press the BC Select buttons to select the broadcaster.
 - * Top button to select the next broadcaster
 - * Bottom button to select the previous broadcaster
4. As the BC Select buttons are pressed, the broadcaster ID is displayed on the screen, followed by the broadcaster label, if available.
5. For each BC, the SCs are shown. Press the Service Components Select button to select the SC within the BC.



Sanyo Search (Select Beam)

Select Beam Mode



Note

This section does not apply if you are receiving WorldSpace audio content. However, if no broadcasters can be heard and the display window shows an adequate signal strength, then you will have to force the receiver to search for the broadcasters.

1. Press the Beam Select button on top of the receiver. The name of the current beam will appear in the display.
2. Continue to press the Beam Select button until the display reads “BEAM AFRI -- 1”. The receiver is beginning to search.
3. If a signal is detected, a satellite icon will appear on the top right corner of the display window. If no signal is detected, the display will continue to read “BEAM AFRI -- 1”.
4. If the search is successful, the 1st broadcaster will be heard and the rest of the broadcasters will be in memory. Follow the directions in the Basic Operations section to tune through the broadcasters.



Beam Select
button
(Step 1)

Display window
(Step 4, Basic Setup)

Basic Setup

Panasonic Basic

1. Plug the receiver in. The clock will be displayed.
2. Press the ON button on the top-left of the unit.
3. Adjust the antenna to the proper orientation. In Saudi Arabia, orient the antenna towards the Southwest at middle elevation.
4. The signal indicator on top left of the display window will show up to three bars. If no signal is received, the antenna icon will flash and the display reads “No Signal Antenna?”. Try to position to antenna for the maximum number of bars.

Basic Operation

1. After turning on the receiver and positioning the antenna, the first WorldSpace broadcaster should be audible.
2. If there is adequate signal strength and no WorldSpace audio is available, try to search for the broadcasters (see next section).
3. Use the Tuning arrows to select the broadcaster and service components.
 - * Up arrow to decrease broadcaster ID and SCs
 - * Down arrows to increase broadcaster ID and SCs
4. As the tuning arrows are used, the broadcaster ID is displayed on the screen with Service Component information (e.g., 31 3/6 means BC ID 31 and service component 3 out of 6 service components total).
5. Alternatively, press the “Guide” button for a list of broadcaster IDs, use the tuning arrows, and then the “Select” button.



Panasonic Search (Band Update)

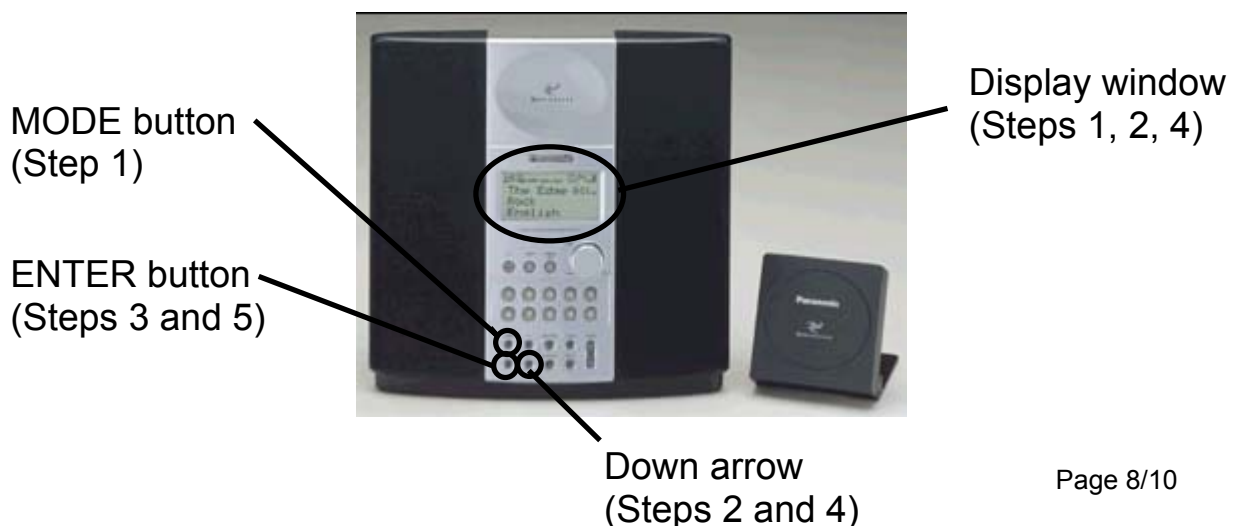
Band Update Mode



Note

This section does not apply if you are receiving WorldSpace audio content. However, if no broadcasters can be heard and the display window shows an adequate signal strength, then you will have to force the receiver to search for the broadcasters.

1. Press the MODE button (left end, 2nd from the bottom). A menu will appear on the display with an arrow towards “PROGRAM”.
2. Press the down arrow button that is one to the right and one below the MODE button three times until the arrow on the display points to “OTHER”. If you don’t do this within 15 seconds, the display resets and you’ll have to proceed to step 1.
3. Press the “ENTER” button on the lower left.
4. Press the down arrow button that is one to the right of the ENTER five button three times until the arrow in the display points to “BAND UPDATE”. If you don’t do this within 15 seconds, the display resets and you’ll have to proceed to step 1.
5. Press the “ENTER” button on the lower left.
6. If the search is successful, the 1st broadcaster will be heard and the rest of the broadcasters will be in memory. Follow the directions in the Basic Operations section to tune through the broadcasters.



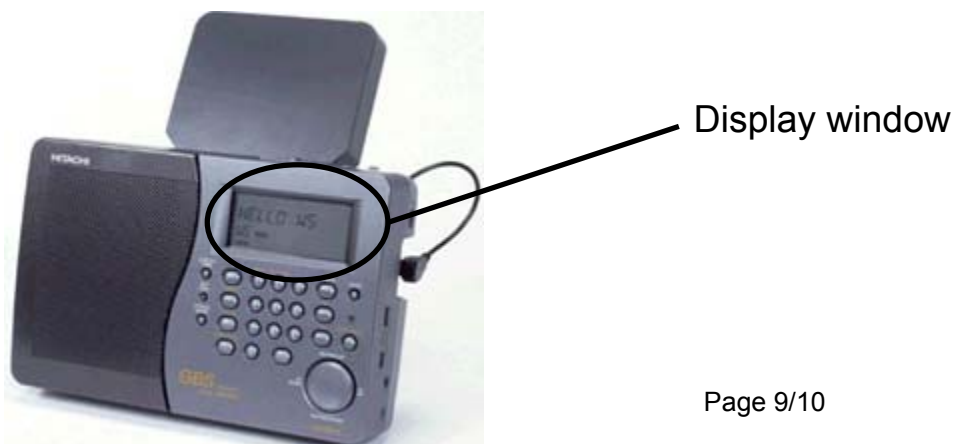
Hitachi Basic

Basic Setup

1. Ensure that the receiver is plugged in. Time will be displayed
2. Press the ON/STANDBY button on the middle right of the unit. The ON/STANDBY indicator light will turn on..
3. If the receiver is set to any of the commercial bands (FM, AM (MW), or SW), press the WS/RADIO button to tune to the WorldSpace band.
4. Adjust the antenna to the proper orientation. In Saudi Arabia, orient the antenna towards the Southwest at middle elevation.
5. The WS antenna signal indicator will show up to ten bars. Try to position to antenna for the maximum number of bars.

Basic Operation

1. After turning on the receiver and positioning the antenna, the first WorldSpace broadcaster should be audible.
2. If there is adequate signal strength and no WorldSpace audio is available, search for the broadcasters (see next section).
3. Press BC/FREQ UP or BC/FREQ DOWN repeatedly to select the broadcaster
 - * BC/FREQ UP to move up 1 broadcaster
 - * BC/FREQ DOWN to move down 1 broadcaster
4. As the BC Select buttons are pressed, the broadcaster label is displayed on the screen
5. For each BC, the SCs are shown. Press the Service Components Select UP and DOWN button to select the SC within the BC.



Hitachi Search

Search Mode



Note

This section does not apply if you are receiving WorldSpace audio content. However, if no broadcasters can be heard and the display window shows an adequate signal strength, then you will have to force the receiver to search for the broadcasters.

1. Press the mode button; “MODE” is displayed for 10s
2. Press the BEAM SEEK button while “MODE” is lit. “SEEK” flashes and the unit search for a receivable beam. When the unit receives a beam the beam name appears for 2 s then the unit begins to search for the next beam
3. If the unit cannot receive any WS beam “NO BEAM” appears in the display window.
4. If the search is successful, the first broadcaster will be audible and the rest of the broadcasters will be in memory. Follow the directions in the Basic Operations section to manually tune through the broadcasters.



Display window