



- 1 RECEIVER (STANDBY/ON)
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15 DVD/DVR control buttons
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- 27 AUTO SURR.
28 ATT
29 SLEEP
30 TUNER indicators
31 Speaker indicator

Using the Quick Setup
You can use the Quick Setup to get your system up and running with just a few button presses. The receiver automatically makes the necessary settings after you have selected your room size and listening position.

Auto playback
The simplest, most direct listening option is the Auto Surround feature. With this, the receiver automatically detects what kind of source you're playing and selects multichannel or stereo playback as necessary.

Setting the effect options
When using surround effects, there are a number of settings you can adjust.
1 Press EFFECT/CH SEL repeatedly to select the setting you want to adjust.

Using the Virtual Surround Back mode
Selecting this mode allows you to hear a virtual surround back channel through your surround speakers. For example, you can choose to listen to sources with no surround back channel information (for example, 5.1 encoded material) with emulated 6.1 encoding (VSB ON). Sometimes the material may sound better in the 5.1 format for which it was originally encoded. In this case you can simply switch it off (VSB OFF).

Listening in stereo
When you select STEREO or DIRECT, you will hear the source through just the front left and right speakers (and subwoofer). Dolby Digital and DTS multichannel sources are downmixed to stereo.

Specifications
Amplifier section
Continuous power output
Front
100 W per channel (200 Hz to 20 kHz, 0.7 % THD, 8 Ω)
Center
100 W (200 Hz to 20 kHz, 0.7 % THD, 8 Ω)
Surround
100 W per channel (200 Hz to 20 kHz, 0.7 % THD, 8 Ω)
Subwoofer
100 W (45 Hz to 200 kHz, 0.7 % THD, 8 Ω)

Making receiver settings from the System Setup menu
The following section shows you how to make detailed settings to specify how you're using the receiver and also explains how to fine-tune individual speaker system settings to your liking.

Speaker Distance
1 Select 'SP DISTN.' from the SP SETUP menu.
2 Use up/down to choose the speaker that you want to set the distance.
3 When you're finished, press RETURN.

Listening to the radio
The following steps show you how to tune in to FM and AM radio broadcasts and memorize the frequency for recall later.
1 Press AM or FM to select the tuner band.
2 Tune to a station.

Naming station presets
You can name your station presets for easy recall.
1 Choose the preset you want to name.
2 Press TUNER EDIT to select 'ST. NAME'.

Specifications
RMS Power Output
Front
144 W per channel (1 kHz, THD, 10 %, 8 Ω)
Center
144 W (1 kHz, THD, 10 %, 8 Ω)
Surround
144 W per channel (1 kHz, THD, 10 %, 8 Ω)
Subwoofer
144 W (1 kHz, THD, 10 %, 8 Ω)

Channel level
1 Select CH LEVEL from the SP SETUP menu.
2 Use left/right to select a setup option.
3 Confirm your selected setup option.

Dual Mono Setup
1 Select DUAL MONO from the OTHER setup menu.
2 Use left/right to choose the setting that you want.

Additional information
Troubleshooting
Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below.

Listening to station presets
You will need to have some presets stored to do this. See Saving station presets if you haven't done this already.
1 Press AM or FM to select the tuner.
2 Press CLASS to select the class in which the station is stored.

Specifications
Miscellaneous
Power requirements
AC 120 V / 60 Hz
Power consumption
320 W / 420 VA
Dimensions
420 mm (W) x 158 mm (H) x 348 mm (D)

Furnished Parts
Remote control
1 AA/R6 dry cell batteries
AM loop antenna
1 FM wire antenna
1 Mini-plug audio cable
1 These operating instructions

Resetting the main unit
Use this procedure to reset all the receiver's settings to the factory default. Use the front panel controls to do this.
1 Switch the receiver into standby.
2 While holding down the TONE button, press and hold the STANDBY/ON button for about three seconds.

LFE Attenuator Setup
1 Select LFE ATT from the OTHER setup menu.
2 Use left/right to choose the setting that you want.

Noise during playback of a cassette deck.
Move the cassette deck further from your receiver, until the noise disappears.

During a playback search, noise is output from a DTS compatible CD player.
This is not a malfunction, but be sure to turn the volume down to prevent the output of loud noise from your speakers.

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