

Chapter 1 : YSP - Specs - Sound Bar - Audio & Visual - Products - Yamaha - UK and Ireland

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The listening area is expanded so you enjoy an extremely powerful, natural sense of presence unobtainable with virtual surround methods. It optimises the layout of its array speakers, boosting the reflection properties of the beams to maximise sound quality. And by having the subwoofer as a separate unit, it achieves a superior sense of sound orientation and powerful bass. The result is 7. For more details, please visit special site. IntelliBeam Automatically Sets the Optimum Sound Field The acoustic properties size and shape of room, type of wall material, which differ according to the listening environment, are measured by a specialised microphone. The volume and sound quality of the YSP, and the angle of the beams, the focal lengths, route lengths and other fine adjustments matched to the listening point are automatically optimised. You can achieve the ideal listening environment by simple operations: The top is an aluminium panel that prevents unnecessary vibration and helps to ensure sound clarity. In addition, the internal structure has been precisely calculated and systematically arranged, optimising the layout of the speaker units and improving sound dispersion characteristics. The result is highly accurate, broadly spreading surround sound. You can choose the one that best suits the source you are listening to. Three HDMI inputs mean you can connect three high quality digital sources, each with just a single cable. In addition, a Bluetooth standby mode provides the convenience of having the YSP turn on and off automatically. Its easy-to-see and easy-to-use operating screen uses icons to let you easily perform a variety of operations including setting surround programmes or sound quality while watching your screen. You can select 10 different programmes, including three Movie, three Music and four Entertainment programmes. CINEMA DSP programmes are created by recording actual sound field data in performance spaces around the world, then applying ultra- sophisticated digital processing techniques. Yamaha was the first and is still the leader in providing a truly realistic surround sound experience. Compressed Music Enhancer When music is encoded into a digitally compressed format like MP3, the frequency response suffers. CEC also provides advanced functionality with other components. Its rigid body lowers unnecessary resonance. The circuit board has an ideal grounding pattern that ensures stable current supply. It reproduces rich and solid bass with superior stereo. And because there is no need to connect cables, setup and placement are faster and easier. It can be installed vertically or horizontally. The super-low design means that if the stand is not used, the height is 51 mm, allowing placement in front of a TV without blocking the screen. It is also wall mountable with the optional SPM-K Design Imparts a Strong Feel of Luxury to Create a High Quality Space The top surface of the soundbar is made of one piece of aluminium with superior stiffness, high texture and a hairline finish, for a look that is stylish and imparts a strong feel of luxury. The sides have a mirror finish that harmonises beautifully with the TV. Available in either black and silver, so you can choose the colour that best matches your TV. Surround Headphone You can enjoy high sound quality virtual 7. A great way to fully enjoy movies or games with powerful surround sound without disturbing others.

Chapter 2 : Yamaha YSP Sound Bar Review | Reference Home Theater

PREPARATIONS Supplied accessories En 5 PREPARATIONS Before connecting, make sure you have received all of the following items. The YSP Supplied accessories.

Keep it in a safe place for future reference. For proper ventilation, allow the following minimum clearances. On the top of this unit, do not place: It may overheat, possibly causing damage. Use a clean, dry cloth. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than specified. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reasons. Disconnect the power cable from the outlet, then leave this unit alone. Turn the power off, then leave this unit alone for cooling. When you dispose of batteries, follow your regional regulations. This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off by p. This state is called the standby mode. In this state, this unit is designed to consume a very small quantity of power. For details, refer to the instructions described below. The plug severed from the mains lead must be destroyed, as a plug with bared flexible cord is hazardous if engaged in a live socket outlet. If the leaked material comes into contact with your skin or gets into your eyes or mouth, rinse it away immediately and consult a doctor. Clean the battery compartment thoroughly before installing new batteries. This may shorten the life of the new batteries or cause old batteries to leak. Specification of batteries may be different even though they look the same. LIVE As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: Making sure that neither core is connected to the earth terminal of the three pin plug. Design and specifications are subject to change in part as a result of improvements, etc. In case of differences between the manual and the product, the product has priority. Controls and functions Front panel 1 2 3 4 5 6 7 8 9 Displayed color Input signal Blue Following surround audio signal formats: Displays playback components and current sound output when power is on. Front panel display 1 2 5 3 4 Page: Some of your TV have sensors such as motion sensor, or signal transmitter for 3D glasses in front. Installing the center unit may interrupts the sensors or signal transmitter functioning. Set the center unit away from your TV, or install it in your rack. Subwoofer Install the subwoofer as close to the center unit as possible for a better unit of sounds. This unit creates surround sound by reflecting projected sound beams off the walls of your listening room. The surround sound effects produced by this unit may not be sufficient when this unit is installed in the following locations. Center unit Subwoofer Before installing this unit Page: Confirm the graduation of each stand to make each stand the same height. Adjust the graduation in the range from 0 to The illustration below is one of the examples for attaching the non- skid pads. Remove the backing paper on the tip of LED part of IR Flasher, and attach it to the remote control sensor of your TV or the area close to the remote control sensor of your TV on the rear panel of center unit as shown. Connect the plug to the IR output jack of the unit. Install the subwoofer with the supplied stands. Attach the supplied stands with the dowels to the subwoofer. Changing the position of the stands enables both horizontal placement and vertical placement. Horizontal placement is convenient for installing the center of a rack, and vertical placement is convenient for installing the side of a rack. The graduation Adjustable range: Notes Horizontal placement Vertical placement Page: Install this unit where there are no obstacles such as furniture obstructing the path of sound beams. Otherwise, the desired surround sound effects may not be achieved. You may install this unit in parallel with the wall or in the corner. Ideal installation condition Install this unit as close to the exact front of your normal listening position as possible. The distance between listening position and the unit should be more than 1. Installing this unit Parallel installation Install this unit in the exact center of the wall when it is measured from the left and right corners. And a cupboard installed facing the wall reflects sounds. Using saving settings function enables to save the best settings for each case of listening room. Twist and pull off the insulation tube on the lead wire. Insert into the terminal on the rear panel. Remove the cap 2. Check the direction of the plug TV Video signals Audio signals 1 2 3 Example 1 4 Subwoofer supplied 5 Connect the center unit with the speaker cable supplied to the subwoofer. In this case, you do not need to connect optical cable. What is audio return channel

ARC? By this function, a digital audio pin cable to connect TV and this unit is not needed. Depending on the setting, HDMI for video signal and optical digital audio, coaxial digital audio or analog audio for audio signal can be selected. To connect a game console or tuner to TV, you need extra video pin cables optional. Check whether the initial screen is displayed. Just as you would arrange the speaker position of other audio systems, you need to set the beam angle to enjoy the best possible sound from this unit. This unit employs the beam optimization and sound optimization features with the aid of the supplied IntelliBeam microphone, allowing you to avoid troublesome listening-based setup and achieving highly accurate sound adjustments that best match your listening environment. This feature optimizes the beam angle so that the parameter best matches your listening environment. This feature optimizes the beam delay, volume, and quality so that the parameters best match your listening environment. This unit performs these two automatic optimizations with the aid of the supplied IntelliBeam microphone. Use the supplied cardboard microphone stand or a tripod to place the IntelliBeam microphone at the same height as your ears would be when you are seated. Notes 1 2 3 5 4

Remove Fit in Run through Place horizontally Fit in Make sure that there are no obstacles between the IntelliBeam microphone and the walls in your listening room as these objects obstruct the path of sound beams. However, any objects that are in contact with the walls will be regarded as a protruding part of the walls. IntelliBeam microphone Upper limit Within 1 m 3. You can save the several data depending on listening room and you can change the setting conveniently. For accurate measurement, turn off air conditioner or other devices that make noises. When the screen is not displayed Confirm the case below. Please place the MIC at least 1. The MIC should be set at ear level when seated. Measurement takes about 3min. Cancel The best setting may not be done if you are in the room. Do not save set-up. Please leave the room. Cancel After 3 min. This menu takes about three minutes. This menu takes about one minute. It is recommended that you should select this optimization feature in the following cases: This menu takes about two minutes. The best setting may not be done if you are in the room. Or press Z key to continue the measurement. Please test in quieter environment. Cause Remedy There is too much unwanted noise in your listening room. Make sure that your listening room is as quiet as possible. You may want to choose certain hours during the day when there is not much noise coming from outside. Please check MIC connection and re-try. Connect the IntelliBeam microphone to this unit firmly. Unexpected control is detected. Please check MIC position. MIC should be set in front of the Sound Projector and re-try. Cause Remedy The IntelliBeam microphone is not placed in front of this unit. Make sure that the IntelliBeam microphone is installed in front of this unit.

Chapter 3 : Yamaha YSP review | Home Cinema Choice

YSP Discontinued Reproduces overwhelmingly real presence and impact-filled bass sound. Two-unit YSP with ultra-refined design and high-grade aluminium chassis.

The idea of getting surround sound while watching movies from a single block of speakers without all the cable clutter and complicated setup is a genius concept. The biggest issue is, soundbars typical works by bouncing off sounds from your room walls to create the surround effects, so a specific room layout is required for it to deliver a good result. After looking at many options available in the market at the time, I finally put my eyes at two soundbars by Yamaha: Yamaha calls these line as sound projectors instead of soundbars, a marketing term which I find is not an exaggeration. The reason will be described as you read through more details below. In my opinion this is a worthy investment if you have the extra budget for it. For me the added values were: Set-up The biggest challenge with any soundbar is room layout. It may not work anywhere as it requires solid walls to bounce the side and rear channels to create that surround effect. My room is far from ideal for this to be honest, the TV can only be hung on the right side so it is not centered and on the right of it are windows with blind curtains. Here is where I feel Yamaha truly excels compared to the rest of competition. They are not only selling you drivers boxed in a single case and call it a soundbar, you are buying their famed digital sound projector technology that allows you to calibrate the settings to meet your room environment. Included within YSP box is an Intellibeam microphone. You plug it into the main unit and then place the mic on the spot where you would watch your movies and it will automatically calibrate the angles of channels to get optimized result with minimum efforts. It does not stop there though, you can later tweak the setup using the on screen display or smartphone app. For each channel you can modify the angle degree and volume. Take your time very carefully during the initial setup as it will define a great or only mediocre experience. In my case, I run the automatic calibration 3 times, saved each on different memory preset, run a test from its iOS app to find one closest to my preference then play the settings a little bit more. My home theater setup: Movies I have been using YSP for almost a month now, well through the holidays where I had good amount of time enjoying many movies from my collection. My impressions have been overwhelmingly positive with my new audio setup. Few of the movies I tested it with: Whether it is a scene with train or helicopter passing by, battle with explosions, or only background sounds during a dialog, I could hear the sound fill out the room and channels coming from different directions. I was hoping to upgrade a step or two switching from my old LG soundbar, but what I am getting is a whole new level to a point where I believe a soundbar can replace dedicated home theater. It will not be better for an obvious reason, but for its simplicity it may become more popular in the future. One thing that I love the most is, even in smaller volume I can feel the surround sound. When you crank up the volume, you will enjoy it even more although do not expect to feel the entire room vibrating but in my case it is just perfect. Music Listening to music is probably not the main reason you are planning to purchase a soundbar and even though YSP is great for watching movies, it is still no exception. While you can enjoy good sound from all frequency range, it is not a music hi-fi system. Just to listening casually you would not complain much though. They are not your typical soundbars, or every soundbar should have what they offer in addition of enclosing drivers into a single wide casing. Here are some features and technologies I would like to highlight: Sound Beams I am not really sure how it actually works, but sound beams allow you to calibrate the direction of the sound coming from each individual driver to meet your room layout and preferences. Even though you can do it using a remote and on screen display, it is particularly convenient to tweak the calibration from an app. From my iPhone, connecting the app to the soundbar is pretty straightforward: Clear Voice Have you ever had a dilemma when you need to watch you movies in low volume but then you cannot hear the dialog? With Clear Voice feature activated it will boost frequency of human voices so this problem is solved. It actually works in the situations I have had to switch it on. It packs the features most home theater enthusiasts, who want to have clutter free setup, ever need. If you compare with a dedicated home theater package with 6 or even 8 individual speakers, you would most likely get better results. But you can forget about setting it up on your bed room or having to argue with your spouse

for her permission to install in the living room. If you think that is too much to spend, then you can also consider the YSP as a lower-end alternative. It may not be as good and feature packed, but should be better than other soundbars on the market.

Chapter 4 : YSP - Downloads - Sound Bar - Audio & Visual - Products - Yamaha - UK and Ireland

ysp Manuals and User Guides for Yamaha YSP We have 2 Yamaha YSP manuals available for free PDF download: Owner's Manual, Quick Reference Manual.

This unit creates surround effects by reflecting sound beams off the walls of your listening room. The arrows in the diagrams below indicate the images of paths of 5-channel sound beams. To achieve desired surround sound effects, install this unit where there are no objects such as furniture obstructing the path of sound beams. By this function, an optical cable to connect TV and this unit is not needed. Use the arrows U on the bottom of the left and right legs, and the scale on the insides of these legs, to confirm that the legs are positioned at the same height. If the center unit obstructs the remote control sensor on the TV or signal transmitter for 3D glasses, remove the legs to decrease the height of the center unit. The legs consist of components inner legs that are fixed to the center unit with screws, and components outer legs that can be removed by rotating them. Remove the outer legs. Keep turning the outer legs counter-clockwise to remove them. Pads x3 TV 1. Audio signals Remote control IN1 Corner installation 2. For the cable connection, follow the procedure below. Remove the inner legs. When the center unit is turned on, the center unit and subwoofer are automatically connected via a wireless connection. This function is useful when you cannot operate your TV from the remote control because the remote control sensor of the TV is blocked by the unit. This function can be used while the TV remote control is using infrared signals. Use a screwdriver to remove the screws. Scale Installing the batteries Press the z key. TV remote control sensor Operation range 3. Attach the one of the four supplied non-skid pads at each of the four corners on the bottom of the center unit. TV remote control An example of pad positioning is shown in the illustration below. Slide the cover back to close it. Place the IntelliBeam microphone at your normal listening position. Assemble the cardboard microphone stand and place the IntelliBeam microphone on top of it horizontally as shown below. Make sure that your listening room is as quiet as possible. For accurate measurement, turn off air conditioner or other devices that make noises. Use the supplied cardboard microphone stand to place the IntelliBeam microphone at the same height as your ears would be when you are seated. Make sure that there are no obstacles between the IntelliBeam microphone and the walls in your listening room as these objects obstruct the path of sound beams. Within 1 m 3. Input source name 2. Turn on the Bluetooth device to be paired, and perform pairing. The operation varies depending on the device. Refer to the operation manual of the device. When pairing is completed, or a completion message appears on the Bluetooth device. Please place the MIC at least 1. The MIC should be set at ear level when seated. Measurement takes about 3min. AUTO The measurement results are applied and saved in the unit. You can select the language for the menu display. Do not save set-up. Upper limit Cardboard microphone stand Press the z key to turn on this unit. You can listen to the wireless sound from a Bluetooth device, such as a smartphone or digital music player. See also the instructions manual of the Bluetooth device for more information. Follow the instructions below and then leave the room. If you remain in the room, you may obstruct the beam, or the microphone may pick up any sounds you make, possibly resulting in improper configuration of settings. When leaving the room, bring this Quick Reference Guide with you. Remove the IntelliBeam microphone. The IntelliBeam microphone is sensitive to heat, so should not be placed anywhere where it could be exposed to direct sunlight or high temperatures such as on top of AV equipment. Press the TV key. See the instructions manual of TV for more information.

Chapter 5 : YSP - Downloads

YSP Owner's Manual Yamaha Music Foundation of Europe Music Education Experience News & Events News & Events Top.

Sound projectors, of course, are a different beast, using multiple drivers to direct sound beams off walls and ceilings. Using technology invented by a Cambridge-based company called One Ltd, it was, unsurprisingly, a short-lived venture. However, Yamaha took up the baton and has been refining the art of sound projectors every since. The YSP, its latest offering, is an unqualified success aesthetically. The design is simple and uncluttered, with minimal buttons and sockets on show. The central speaker array is flanked by a high-contrast display on one side and jacks for headphones and the calibration mic on the other. The internal structure and layout are designed for optimum sound dispersion. This, too, is neat and compact, and seems equally well built. The soundbar is 51mm high when used without its puck feet, although it looks smarter on the low-profile appendages. It can, of course, be wall mounted. Useful when watching TV on your tod. This measures the layout of your room and adjusts various parameters including beam angles and frequency response to suit. All the main display is really good for is seeing which input is in use. What you do with the source is up to you. You can let the unit select the surround mode automatically according to the incoming signal if you want. The YSP simply transforms the audio, reducing its inherent brightness and delivering voices that are clear and resonant. When Smiley arrives at a country house in the rain the water dripping from an overflowing gutter is clear and seems to emanate from the side rather than masking the dialogue. With multichannel soundtracks, the auto setting is a reliable way of selecting the most suitable mode but the soundscape sometimes seems less defined by directionality than I would expect. Effects do, however, ping out distinctly in terms of clarity and resolution. The subwoofer proves its chops when the submarine explodes under the sea in *The LEGO Movie*, building to a well executed boom. With stereo music material the imaging is broad and coherent. The YSP is a triumph of refinement over power. In a small or medium-sized room it produces a comfortably immersive output. You can crank it up to dust-shifting levels but it becomes tiring. Your own ears will intervene before the neighbours get on to the council. Within each Beam setting you have the option of choosing one of 10 DSP modes. By emphasising or downplaying certain frequencies they often prove suitable " Sports mode, for instance, boosts commentary and spreads the sound of the crowd. Its success in creating genuine surround sound will depend a lot on the environment in which it is used but the clarity, smoothness and refinement of the sound is never in doubt.

Chapter 6 : YSP - Overview - Yamaha - Canada - English

On this page you find the Yamaha YSP manual. Please read the instructions in this operator manual carefully before using the calendrierdelascience.com you have any questions about your Soundbar that are not answered in the manual, please share your question in the troubleshooting section on the buttom of this page.

Chapter 7 : YSP - Overview - Sound Bar - Audio & Visual - Products - Yamaha - India

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Chapter 9 : YSP - Overview - Yamaha - United States

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About this manual – In this manual, operations that can be performed using either the front panel keys or the remote control are explained using the remote control.