# DSP3300 DIGITAL ACTIVE LOUDSPEAKER



1. How can I tell if a DSP3300 is powered up?

With power applied to the product and the mains switch in the "On" position, the green LED on back-panel should illuminate dimly. If it does not light up, the mains supply and the mains inlet fuse should be checked.

2. How do I bring a DSP3300 out of Standby mode?

The DSP3300 comes out of Standby mode when it receives an appropriate communication signal from another Meridian product. This signal is received on the SpeakerLink input socket of the loudspeaker and is produced when the rest of the system is brought out of Standby. When this happens, the green LED on the back-panel of the DSP3300 is illuminated brightly.

3. How can I check if a DSP3300 is coming out of Standby mode?

In Standby mode, the green LED on back-panel illuminates dimly. When out of Standby, the green LED illuminates brightly. As "brightly" and "dimly" are relative terms, it can be useful to watch the LED as the system is brought out of Standby. The change from dim to bright is quite obvious and should confirm whether the product is coming out of Standby mode.

4. What is the power consumption of the DSP3300?

Each loudspeaker uses a maximum of 550W.

5. In a two-channel system, how should the Digital Channel Selector switch be set?

The loudspeaker on the left (when viewed from the listening position) should be set to "L/C" and the loudspeaker on the right should be set to "R". The switch is required because the SpeakerLink lead feeding the loudspeaker carries both left and right audio channels. The switch "tells" the loudspeaker which channel to pick up from the lead. This is true even when each loudspeaker is fed with a dedicated SpeakerLink lead.

6. How should the Digital Channel Selector switch be set in a Meridian surround-sound system?

Loudspeakers in use as main-left, side-left, rear-left or centre channels should be set as "L/C". Set the switch to "R" for loudspeakers in use as main-right, side-right or rear-right channels.

7. I am trying to connect a pair of DSP3300s, but the product which is going to feed them has only one SpeakerLink output socket. What do I do?

The pair of loudspeakers can be connected in a "daisy-chain" arrangement. The input of one loudspeaker should be connected to the SpeakerLink output on the controller-product. The output of this loudspeaker is then connected to the input socket on the other loudspeaker.

8. Can I connect a pair of DSP3300s in a "daisy-chain" even when the product feeding them has the ability to use a "star-wire" (aka "home run") arrangement?

Yes. If cabling or other factors preclude star-wiring, daisy-chaining can be used for a pair of DSP3300s. This applies as long as the two loudspeakers are a pair as defined in a Meridian system, i.e. they are the left and right main channels, the rear-left and rear-right channels or the side-left and side right channels.

9. In a Meridian surround system, should I define the DSP3300s as “Small” or “Large” loudspeakers?

If the DSP3300s are amongst the smaller loudspeakers in the system, the general advice is to set them to “Small”. This will divert low-bass (as defined by the crossover setting in configuration) away from the loudspeakers in question and send it to the subwoofer and/or the “Large” loudspeakers in the system. The exact route of the bass is determined by several factors within configuration. However, in a system with no subwoofer, the main (front) loudspeakers are forced to be “Large”, regardless of their physical size. If all the other loudspeakers are defined as “Small”, the main loudspeakers will be asked to playback all the bass for the system. In such cases, defining DSP3300s as “Large” could help spread the bass load across the system. This could result in improved bass reproduction at low to mid volume levels and, as the DSP3300s feature bass-protection, even at high volumes the risk of “bottoming out” a bass drive is minimal.

10. I have a pair of DSP3300s in a two-channel system. Adding a Meridian subwoofer is a plug-and-play method of increasing bass output, isn’t it?

Bass output can be increased, but it may require some configuration. Refer to our support documentation relating to the subwoofer for further information.

11. Can I add a non-Meridian subwoofer to a pair of DSP3300s in a two-channel system?

This can be done if a Meridian 218 Zone Controller is also added to the system. The 218 has on-board DSP which can derive dedicated feeds for the subwoofer as well as the main left and right channels. The 218 features gain and filter controls to allow the subwoofer to be sonically integrated with the main loudspeakers.

12. The DSP3300 looks like a centre-channel loudspeaker. Can it be used in other roles?

Yes. The DSP3300 is designed to work well in either “horizontal” or “vertical” orientations. This provides flexibility in use as a rear or side channel loudspeaker. However, as the DSP3300 provides extended bass which may not be associated with its cabinet size, it can make a great loudspeaker for use as a main left or right channel loudspeaker. To maintain appropriate appearance, the “Meridian” badge on the front of the loudspeaker can be rotated to suit the orientation.

13. What is the purpose of the rubber mat supplied with the loudspeaker?

This can be used under the loudspeaker to allow it to stand on one end in a vertical position or it can be under the loudspeaker in the horizontal orientation to angle the front of the loudspeaker slightly up or down towards the listening position.

14. Can a DSP3300 provide power to a Media Source 200 connected to its SpeakerLink input?

Yes. There will be no need to use an external PSU with the Media Source 200.

15. Can a DSP3300 provide power to a Meridian Distributor 1 connected to its SpeakerLink input?

Yes. There will be no need to use an external PSU with the Distributor 1.

16. Can a DSP3300 provide power to a Meridian Distributor 3 connected to its SpeakerLink input?

Power will be provided to the specific Distributor module connected to the DSP3300. However, the three modules within the Distributor 3 are completely independent, so power will need to be provided from elsewhere to the other two modules if they are in use.

17. Are there wall brackets available for the DSP3300s?

Yes, the loudspeakers feature four mounting holes on their back-panels which are spaced correctly to accept the “König and Meyer 24471” wall bracket.

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