



# Controller Product Update Matrix – November 2011

The following information is intended to detail which Meridian Surround Controller models receive which new features in the latest issue of firmware.

Audio Core 200 is also included, however it is a two-channel system controller, not a surround sound controller.

<b>Product</b>	<b>Upsampling changed to apodising type upsampling</b>	<b>Improved STEREO and DIRECT DSP presets</b>	<b>DSW Control features added</b>
<b>G61</b>	Yes	Yes	Control Via MConfig
<b>G61R</b>	Yes	Yes	Control Via MConfig
<b>C61R</b>	Yes	Yes	Control Via MConfig
<b>G68 all variants</b>	Yes	Yes	Control Via MConfig
<b>861 V4</b>	Yes	Yes	Control Via MConfig
<b>861 V6</b>	Yes	Yes	Control Via MConfig
<b>Audio Core 200</b>	Available since V1.00	N/A	Yes



**Upsampling Changed to Apodising type Upsampling:** This update changes the type of filter applied when upsampling is carried out on standard resolution two-channel or multi-channel PCM sources. The new upsampling process includes Meridian's proprietary Apodising type filtering.

**Improved STEREO and DIRECT DSP presets:** DSP presets STEREO and DIRECT have been improved to offer even better two-channel performance from Meridian Surround Sound Controllers. Their respective algorithms have been rewritten to make full use of all available headroom, while at the same time ensuring that digital clipping is prevented.

The STEREO preset passes left and right input signals directly to the left and right main channel outputs. STEREO allows any mono or front left and right subwoofers to be used. All spatial processing is bypassed.

The DIRECT preset only left and right main channel outputs are used. All spatial processing and bass management is bypassed.

**DSW Control features:** The update to Audio Core 200 adds features to enable control of any number of attached DSW subwoofers. Additional setup controls include Filter and Gain. There is also a Movie/Music control that can be selected from the Audio menu.