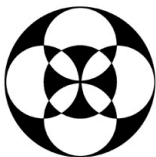


## 565.2 Surround System

*Meridian Digital Surround Processor, has lead the field for over four years. Our vision for it's future is the key in a combination of components that perform their roles with outstanding technical ability but that combine together seamlessly*



### Background

Since its introduction in July 1994, the Meridian 565 DSP Surround Processor has become widely recognized as the benchmark processor – rated Class 'A' by *Stereophile*. Among a total of 12 awards, the 565 was voted 'Home Theatre Decoder of the Year' by *Home Entertainment* in both 1995 and 1996, and it received the prestigious *EISA* award for 'Home Theatre Decoder of

Until now it has been the combination of 565 and 562V (Digital Controller with Video Switching) that has provided the elegant solution - now our vision expands to separate audio and video control.

### 565.2 – 581 – 562.2

This is designed as a three box system with the 565 taking up the prime role as a surround sound processor, 562.2 as audio switcher and 581 as the video processor.

### 565.2

The Mark 2 version incorporates many new techniques and features that Meridian have developed in the design of the Meridian 561 and the AAA-rated 861 Surround processors. Such things

as PC set-up for ease of installation, digital buffering for outstanding audio quality and compatibility with new digital coding such as 96kHz and MLP.

We have also added some options allowing 565 to be configured as a full analogue and digital processor or just a digital version that fits into the Meridian Digital Theatre (MDT) concept.

All these innovations are being offered to our existing Meridian 565 customers. Even the first 565 created can be upgraded to become leader of the pack once more.

### Switching Options

The 565 has often been used as part of a two box system allowing ease of use and flexibility. With video quality improving so rapidly we have decided to dedicate units for both audio and video control.

So although the 565 still has the ability to become a fully operational preamplifier, the best option is to combine the 565.2 with 562.2 for audio switching and with 581 to keep the video separate.

There will be a number of upgrade options available to the existing 565 owner.

**Analogue only**

For the customer that is focused on the analogue section of the 565 there will be a 24bit upgrade available for the increase in sound quality. This will not include the balanced outputs.

**Digital Upgrade**

For the Meridian Digital Theater customer the upgrade path may not include the analogue section.

**Full upgrade**

With full upgrade an original 565 will become like the new. The specification for this is given below.

**562.2 Upgrade** – Meridian will offer existing 562 owners the option of upgrading to the new specification given below

**Specification highlights – 565.2**

**Audio inputs**

2 analogue  
 1 digital optical  
 5 digital coaxial IEC1937, IEC958 (32–96kHz)

**Audio outputs**

8 analogue for: main, sides, centre, sub and rear speakers  
 Main and Centre available as balanced on XLR  
 8 channels digital output for: main, sides, centre, sub and rear speakers

**Video**

1 composite or S-VHS video path for On Screen Display (OSD)

**Others**

Flash memory for easy updates  
 RS232 for computer control, setup and software updates

**Music signal processing**

Mono, Stereo, Music, Trifield, Super Stereo, Ambisonic, Music Logic, DTS Music

**Movie and TV processing**

Pro Logic, THX Cinema, Academy, 'Stereo' Surrounds, TV Logic.  
 Dolby Digital (AC-3), DTS and MPEG Surround.

**Lossless processing**

Meridian Lossless Packing

**Controls and Display**

Front panel controls for: Source, Copy, Preset, Display, Volume and Off. Other features accessed using a Meridian System Remote (supplied).  
 12-character dot-matrix display; lights for AC-3, DTS, MPEG and THX.

**Specification highlights – 581**

**Video inputs**

Standard:  
 7 Composite video  
 7 S-video  
 Option Component adds:  
 3 Component in  
 1 Component out  
 Option Euro adds:  
 2 SCART in  
 2 SCART out (main and tape)

**Video outputs**

3 independent composite out (main, tape and 2-room)  
 3 independent S-video out (main, tape and 2-room)

**Video processing**

S to composite conversion  
 Options for:  
 Composite to S conversion  
 NTSC or PAL encode/decode to and from Component or RGB  
 Picture adjustment

**Controls and Display**

Front panel controls for: Source, Copy, Display, Menus and Off. Other features accessed using a Meridian System Remote (not supplied).  
 8-character dot-matrix display.

**Others**

Flash memory for easy updates  
 RS232 for computer control, setup and software updates  
 2 Trigger outputs

**Specification highlights – 562.2**

**Audio inputs**

7 analogue sensitivity adjustable – 24 bit A-D  
 MM or MC modules available  
 2 digital optical  
 5 digital coaxial IEC1937, IEC958

**Audio outputs**

Digital outputs for both main and tape  
 Analogue tape outputs for recording or second room use.

**Others**

Flash memory for easy updates  
 RS232 for computer control, setup and software updates

**Controls and Display**

Front panel controls for: Source, Copy, Display, Mute, Volume and Off. Other features accessed using a Meridian System Remote (supplied).