



*Microphone Summation System*

**Reduce an entire microphone section down to two channels.**



**Key features:**

- High quality microphone summation system
- Cost-effective control of entire microphone sections
- Great sound quality
- Smart and easy handling



## Microphone Summation System

MSS Microphone Summation System® is a professional microphone and preamp summation system designed primarily for amplifying stringed instruments such as violin, cello and bass in an orchestral setup. The system also suits perfectly for other situations where high quality microphone summation is desired, i.e for choirs, conferences or sports events.

The system consists of five **Stereo Satellite Boxes, SSB**, offering individual level and pan adjustments for every instrument, and a stereo **Master Sum Box, MSB**, containing two high-performance, transformer-coupled mic pre amplifiers. Accurate electronics design and shielding result in high electro-magnetic protection. Satellite boxes are fitted with MicroDot input connectors and can be used with a large selection of microphones with available MicroDot adapters. Practical **Satellite Box Holders, SBH**, for attachment to music stands are available as accessories.

### Cost-effective solution

Superb units – extremely quiet, well built, thoughtfully designed and great-sounding – provide you with a cost-effective solution. A single system provides control of up to ten stringed instruments or other microphone sources and will reduce an entire section of ten down to two channels on your mixing console. MSS™ will free up many useful and costly channels for you, but will still leave you with the control you desire.

The whole system is powered by two channels of 48V phantom power from your mixing console and needs no separate power supply unit.

### Great sound quality

All components used are carefully chosen to provide you with the highest sound quality and electrical as well as mechanical durability. The design is based on suggestions from engineers and sound designers, who for a long time have been looking for an easy-to-use professional summation system with high sound quality.

MMS Microphone Summation System® is quality approved by the world leading mini microphone manufacturer DPA Microphones® and is a perfect match for DPA's mini microphone and instrument microphone ranges. DPA microphones can be purchased from us together with the Microphone Summation System.

### Smart and easy handling

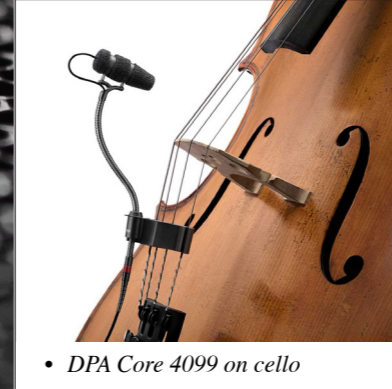
The system is delivered in a Peli™ case or a Samsonite™ case by choice. With its neat case, you can easily take your MMS Microphone Summation System wherever you might need it. Mounting the microphones and setting up the system is done within minutes.



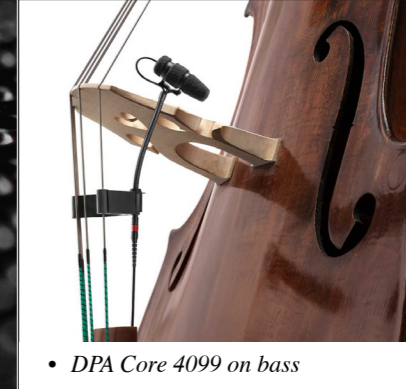
• DPA 4061 on violin



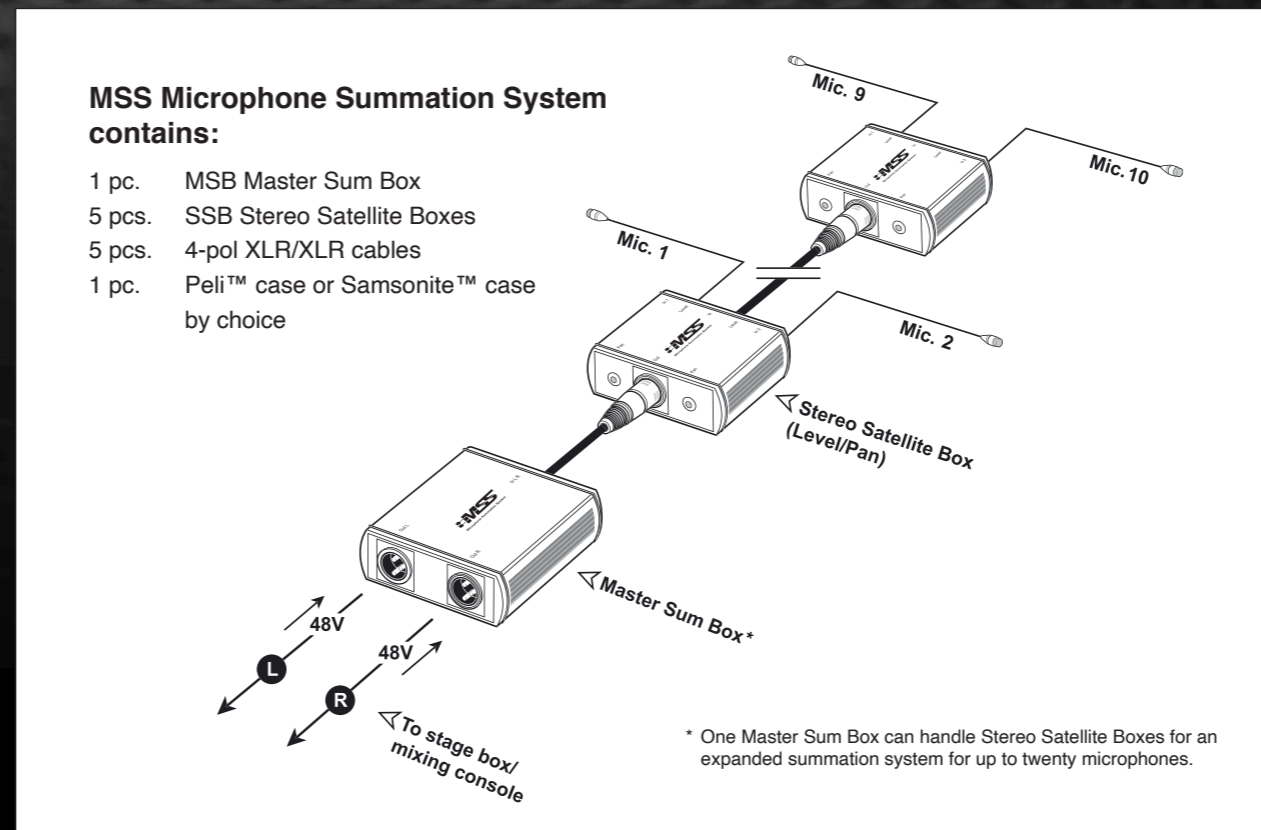
• DPA Core 4099 on violin



• DPA Core 4099 on cello



• DPA Core 4099 on bass



• MSB stereo Master Sum Box



• SSB Stereo Satellite Box



• MMS with Peli™ case



• MMS with Samsonite™ case



• SBH Satellite Box Holder mounted on note stand



• SBH Satellite Box Holder (Accessory)

## Specifications



### SSB Stereo Satellite Box

**Inputs:** Microphone input, 2 channels with MicroDot Connector (prepared for DPA 4061 and d:vote™ instrument microphones). 1 pcs. 4-pin female XLR, to link from another Satellite Box.

**Output:** 1 pcs. 4-pin male XLR, to connect the Master Sum Box or another Satellite Box.

**Frequency Range:**

100Hz -10kHz (-3dB) DPA 4061 with Soft Boost Grid

100Hz -15kHz (-3dB) DPA 4061 with High Boost Grid

**Hi-cut:** -6dB/oct. from 10kHz

**Lo-cut:** -6dB/oct. from 100Hz

**Max SPL input handling:**

System unloaded: 134dB

System loaded: 128dB (10 pcs. DPA 4061)

**Attenuation:** 4.5dB to ∞ dB, each channel

**Microphone input impedance:** 1.8k Ohm

**Dimensions:** 9.5 x 10.4 x 3.4cm

(3.75 x 4.10 x 1.4in)

**Weight:** 270g (9.5oz)



### MSB Master Sum Box

**Input:** Single 4-pin female XLR, to connect from the Stereo Satellite Box

**Outputs:** Dual 3-pin male XLR, 2 channel microphone outputs

**Power supply:** 48V phantom, applied simultaneously to the 2 microphone outputs.

**Output impedance:**

Lundahl® output transformer, < 600 Ohms

**THD:** 0.02% (100Hz – 10kHz)

**Crosstalk:** -70dB at 1kHz

**Cable drive capability:** 200 meters

**Dimensions:** 12 x 10.4 x 3.4cm

(4.7 x 4.10 x 1.4in)

**Weight:** 400g (14.0oz)

*CE-marking Electromagnetic Compatibility (EMC):  
Directive 2004/108/EC*

*US Patent Pending: US Patent No. 7 492 914*

MMS Microphone Summation System® is quality approved by the world leading mini microphone manufacturer DPA Microphones®.

[www.micsummation.com](http://www.micsummation.com)

[info@micsummation.com](mailto:info@micsummation.com)

Product specifications may be changed at any time without notice.