

## Tender Specification Text

### TriSource 10

Microphone-compatible full-range loudspeaker in a very flat enclosure with long throw and good speech intelligibility even in large rooms. The special configuration of the two long-excursion 5" drivers and three horn loaded 1" tweeters is based on the 3-source principle. The result is particularly uniform vertical bundling to achieve higher direct-sound levels at longer distances. The mid-high section can be adjusted by +/- 10° to allow precise alignment without tilting the whole enclosure.

Custom finished covers are available to achieve a uniform visual impression in combination with video displays.

VESA norm mounting kit provides extensive options for mounting directly on VESA standard video displays.

Wall mounting is also possible without any accessories.

Enclosure made of high quality multiplex birch plywood, polyurea coated.

The standard colour is RAL 9005 black. Other RAL colours available on request.

### Product Specifications:

<b>Speaker Components</b>	2 x 5" (1,5" VC) / 3 x 1" Nd (1,1" VC)
<b>Description</b>	Multi Media Column
<b>Power</b> (AES / Peak)	200 W / 600 W
<b>Impedance</b> (nominal)	4 Ohm
<b>SPL</b> (1 W / Peak @ 1m)	90 dB / 118 dB
<b>Usable Range</b>	50 Hz - 20 kHz (-6 dB)
<b>Tuning Frequency</b> (excursion minimum)	55 Hz
<b>X-Overpoint</b> (acoustical)	1200 Hz
<b>Coverage</b> (horizontal x vertical)	100° x 25°
<b>Connectors</b>	2 x Speakon NL4MP in/out
<b>Rigging / Fittings</b>	2 x M10, 14 x M5, 2 x fixing holes
<b>Weight</b>	8,5 kg
<b>Size</b> (height x width x depth)	93,0 x 18,0 x 13,7 cm

## Tender Specification Text

### TriSource 10 dp

Microphone-compatible full-range loudspeaker in a very flat enclosure with long throw and good speech intelligibility even in large rooms. The special configuration of the two long-excursion 5" drivers and three horn loaded 1" tweeters is based on the 3-source principle. The result is particularly uniform vertical bundling to achieve higher direct-sound levels at longer distances. The mid-high section can be adjusted by +/- 10° to allow precise alignment without tilting the whole enclosure.

The integrated digital amplifier electronics are based on high-efficiency Class D amplifier stages, coupled with low-noise FPGA DSP processing. Various default presets and volume settings are available for selection.

Electronic simulation of a transformer balanced input provides additional protection against disturbances caused by external interference. The analogue XLR inputs double as the input for installing custom presets to cater for specific room situations.

Remote monitoring and control is provided via an Ethernet interface, which also allows signal transmission according to the AES 67 standard.

Custom finished covers are available to achieve a uniform visual impression in combination with video displays.

VESA norm mounting kit provides extensive options for mounting directly on VESA standard video displays.

Wall mounting is also possible without any accessories.

Enclosure made of high quality multiplex birch plywood, polyurea coated.

The standard colour is RAL 9005 black. Other RAL colours available on request.

### Product Specifications:

<b>Speaker Components</b>	2 x 5" (1,5" VC) / 3 x 1" Nd (1,1" VC)
<b>Description</b>	Multi Media Column
<b>Amp Power</b> (AES)	LF: 280 W / HF: 100 W / 110-230 V
<b>Rated Current</b>	0,2 A @ 230 V
<b>SPL</b> (Peak @ 1m)	118 dB
<b>Max. Input Signal</b>	25 dBu
<b>DSP</b>	DPLMx FPGA Processing 32 bit floating point
<b>AD / DA</b>	24 bit / 96 kHz
<b>Latency</b>	0,8 ms (analog in to analog out)
<b>Usable Range</b>	50 Hz - 20 kHz (-6 dB)
<b>Tuning Frequency</b> (excursion minimum)	55 Hz
<b>X-Overpoint</b> (acoustical)	Depends on preset
<b>Coverage</b> (horizontal x vertical)	100° x 25°
<b>Connectors</b>	XLR in, Ethercon, Powercon in
<b>Rigging / Fittings</b>	2 x M10, 14 x M5, 2 x fixing holes
<b>Weight</b>	8,5 kg
<b>Size</b> (height x width x depth)	93,0 x 18,0 x 13,7 cm