

Model	Conductor 3X Performance				Conductor 3 Performance				Conductor 3X Reference				Conductor 3 Reference			
Input Impedance	39 KOhms				38 KOhms				40 KOhms				40 KOhms			
Frequency Response	± 1 dB 0 – 58Khz				± 1 dB 0 – 58Khz				± 1 dB 0 – 58Khz				± 1 dB 0 – 58Khz			
THD	<0.0015%				<0.0017%				<0.0015%				<0.0015%			
Output impedance (Headphone Amp)	0.5 Ohm				0.6 Ohm				0.5 Ohm				0.5 Ohm			
Output impedance (Pre Out / DAC out)	1 Ohm / 25 Ohm				1 Ohm / 25 Ohm				1 Ohm / 25 Ohm				1 Ohm / 25 Ohm			
Inputs	1 x USB-C 1 x Optical Toslink 1 x Coaxial 1 x Bluetooth 5.0 1 x 3.5 mm Microphone				1 x USB-C 1 x Optical Toslink 1 x Coaxial 1 x Bluetooth 5.0 1 x 3.5 mm Microphone				2 x XLR line-level input 1 x USB-C 1 x Optical Toslink 1 x Coaxial 1 x Bluetooth 5.0 1 x 3.5 mm Microphone				2 x Cinch RCA line-level input 1 x USB-C 1 x Optical Toslink 1 x Coaxial 1 x Bluetooth 5.0 1 x 3.5 mm Microphone			
Outputs	1 x 6.3 mm Headphone 1 x XLR Headphone 1 x XLR Preamp/DAC 1 x Cinch RCA Preamp/DAC				1 x 6.3 mm Headphone 1 x Cinch RCA Pre amp 1 x Cinch RCA Line Level DAC				1 x 6.3 mm Headphone 1 x XLR Headphone 1 x XLR Pre Amp 1 x XLR Line Level DAC Out				2 x 6.3 mm Headphone 1 x Chinch RCA Pre Amp 1 x Cinch RCA Line Level DAC Out			
Weight	±3 kg				±3 kg				±5 kg				±5 kg			
Dimensions	200mm x 250mm x 60mm				200mm x 250mm x 60mm				255mm x 270mm x 70mm				255mm x 270mm x 70mm			
Impedance (Headphone Jack)		Power XLR / SE	Signal to Noise Ratio	Separation		Power	Signal to Noise Ratio	Separation		Power XLR / SE	Signal to Noise Ratio	Separation		Power XLR / SE	Signal to Noise Ratio	Separation
	16 Ohm	6 / 3W	96db	99%	16 Ohm	4W	95dB	99%	16 Ohm	7.5 / 3.75W	96db	99%	16 Ohm	7.5W	95db	99%
	32 Ohm	3 / 1.5W	98db	99%	32 Ohm	2W	97dB	99%	32 Ohm	5 / 2.5W	98db	99%	32 Ohm	5W	97db	99%
	100 Ohm	1 / 0.5W	95db	99%	100 Ohm	640mW	94dB	99%	100 Ohm	1.75 / 0.88W	95db	99%	100 Ohm	1.75W	94db	99%
	150 Ohm	660 / 330mW	96db	99%	150 Ohm	420mW	95dB	99%	150 Ohm	1.16 0.58W	96db	99%	150 Ohm	1.16W	95db	99%
	300 Ohm	330 / 115mW	96db	99.50%	300 Ohm	160mW	95dB	99.50%	300 Ohm	0.58 / 0.3W	96db	99.50%	300 Ohm	0.58W	95db	99.50%
DAC Spec	Channel Separation	142 dB @ 1KHz, 135 dB @ 20KHz			Channel Separation	142dB @ 1kHz. 135dB @ 20kHz			Channel Separation	142 dB @ 1KHz, 135 dB @ 20KHz			Channel Separation	142 dB @ 1KHz, 135 dB @ 20KHz		
	THD+N	0.0005% @ 1KHz, 0dBFS			THD+N	0.0005% @ 1kHz, 0dBFS			THD+N	0.0005% @ 1KHz, 0dBFS			THD+N	0.0005% @ 1KHz, 0dBFS		
	COAX & Toslink / SPDIF	up to 24bit 192K			COAX & Toslink / SPDIF	up to 24 bit 192K			COAX & Toslink / SPDIF	up to 24bit 192K			COAX & Toslink / SPDIF	up to 24bit 192K		
Asynchronous Isochronous USB Spec	Desktop OS	Windows XP, 7, 8, 10 Mac OSX			Desktop OS	Windown XP, 7, 8, 10, Mac OSX			Desktop OS	Windows XP, 7, 8, 10 Mac OSX			Desktop OS	Windows XP, 7, 8, 10, Mac OSX		
	Desktop OS	iOS , Android (OTG support)			Desktop OS	iOS, Android (OTG Support)			Desktop OS	iOS , Android (OTG support)			Desktop OS	iOS, Android (OTG Support)		
	PCM Support	PCM 768kHz @ 16, 24 or 32bits			PCM Support	PCM 768kHz @ 16, 24 or 32 bits			PCM Support	PCM 768kHz @ 16, 24 or 32bits			PCM Support	PCM 768kHz @ 16, 24, 32bits		
	Native DSD	Native DSD 64 / 128 / 256 / 512			Native DSD	Native DSD 64 / 128 / 256 / 512			Native DSD	Native DSD 64 / 128 / 256 / 512			Native DSD	Native DSD 64 / 128 / 256 / 512		
	DSD over PCM	DoP64 / DoP128 / DoP256/Dop512			DSD over PCM	DoP64 / DoP128 / DoP256 / Dop512			DSD over PCM	DoP64 / DoP128 / DoP256/Dop512			DSD over PCM	DoP64 / DoP128 / DoP256 / DoP512		
Bluetooth Input	Bluetooth 5.0 aptX HD (Qualcomm CSR8675)				Bluetooth 5.0 aptX HD (Qualcomm CSR8675)				Bluetooth 5.0 aptX HD (Qualcomm CSR8675)				Bluetooth 5.0 aptX HD (Qualcomm CSR8675)			
Power Supply	MCPS x 3				MCPS x 3				MCPS x 5				MCPS x 5			
Digital	ESS9038Q2M DAC x 1				ESS9038Q2M DAC x 1				ESS9038Q2M DAC x 2				ESS9038Q2M DAC x 2			
Analogue	6Wpc XLR / 3Wpc SE				4Wpc SE				7.5Wpc XLR / 3.5Wpc SE				7.5Wpc SE			
Dimensions	200 x 250 x 60mm				200 x 250 x 60mm				255 x 270 x 70mm				255mm x 270mm x 70mm			
Package Content	Conductor 3X Performance Remote Control USB Cable Power Cable 24V Power Unit Hex key / Spare Fuse / Spare IC opamps for troubleshooting Audio/Microphone splitter (3.5 mm male to 2 x 3.5 mm female)				Conductor 3 Performance Remote Control USB Cable Power Cable 24V Power Unit Hex key / Spare Fuse / Spare IC opamps for troubleshooting Audio/Microphone splitter (3.5 mm male to 2 x 3.5 mm female)				Conductor 3X Reference Remote Control USB Cable Power Cable 24V Power Unit Hex key / Spare Fuse / Spare IC opamps for troubleshooting Audio/Microphone splitter (3.5 mm male to 2 x 3.5 mm female)				Conductor 3 Reference Remote Control USB Cable Power Cable 24V Power Unit Hex key / Spare Fuse / Spare IC opamps for troubleshooting Audio/Microphone splitter (3.5 mm male to 2 x 3.5 mm female)			