



At A Glance C1.2 / C10 Comparison

	C1.2	C10
Type	D/A Controller	D/A Converter
Configuration	Single chassis with option to add an X1 external power supply	Twin-chassis with massive, dedicated and highly regulated external power supply
Monaural Topology	3-chassis topology with digital front end, left and right DAC units	3-chassis topology, with independent left and right channels power supplies, plus the audio unit
Ground Topology (signal isolation)	2 independent power supply domains: <ul style="list-style-type: none">• Control and digital circuits are referenced to earth• Left DAC, right DAC and clock are referenced to analog (signal) ground	3 to 4 independent power supply domains: <ul style="list-style-type: none">• Control and digital circuits are referenced to earth• Clock is referenced to its own ground• Left and right DAC are referenced to analog (signal) ground. In monaural configuration, left and right ground are independent
Conversion Topology	4x R2R DAC chips per channel	8x R2R DAC chips per channel
D/A Conversion Rate	16x Fs (705.6 kHz or 768 kHz)	64x Fs (2.8224 MHz or 3.072 MHz)
Local/Global Feedback	Fixed level local feedback	User selectable local/global feedback
Output level	Fixed 2.5VRMS on RCA/BNC out, twice as much on XLR out	Variable 5 / 2.5 / 1VRMS on RCA/BNC out, twice as much on XLR out
Low Pass Filter	1st order LPF followed by 2nd order Sallen-Key Bessel LPF	3rd order Sallen-Key Bessel LPF
Inputs	XLR AES/EBU, RCA coaxial and TOSLINK S/PDIF, CH-LINK HD (proprietary I2S) as standard, optional USB audio class 2, UPnP and roon-ready streaming, XLR+RCA line-level analog input	XLR AES/EBU, RCA coaxial and TOSLINK S/PDIF, CH-LINK HD (proprietary I2S) as standard, optional USB audio class 2 and UPnP and roon-ready streaming
Clock I/O	1x BNC in and 2x BNC out	1x BNC in and 2x BNC out
Outputs	XLR, RCA or BNC	XLR, RCA or BNC
IR Remote Control	Yes	Yes
Interface	Dual-concentric encoder	5-button interface
Available Colors	CH Grey	CH Grey, Anthracite, Champagne Gold
Total Weight	~20kg	~43kg (both chassis combined)