

CLAIR BROTHERS AMPLIFIERS & RACKS

Clair Brothers offers a variety of portable PA and stage monitor amplifiers that are specifically designed to power CBA loudspeaker products. All amplifiers are equipped with fan cooling, LED signal indicators, and proven road durability.

Amplifiers- General Specifications

CBA-QSC Series Amplifiers

Model CBA 1000 (PL-1.0) 2 Space 17.9" Deep 18 lb.	8 ohms stereo	200w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	325w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	500w, 1 kHz, 1% THD
Model CBA 1400 (PL-1.4) 2 Space 17.9" Deep 18 lb.	8 ohms stereo	300w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	500w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	700w, 1 kHz, 1% THD
Model CBA 1800 (PL-1.8) 2 Space 17.9" Deep 18 lb.	8 ohms stereo	400w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	650w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	900w, 1 kHz, 1% THD
Model CBA 2000^{HV} (PL-2.0 ^{HV}) 2 Space 17.9" Deep 18 lb.	16 ohms stereo	400w, 20 Hz - 20 kHz, 0.1% THD
	8 ohms stereo	650w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	1000w, 1 kHz, 1% THD
	2 ohms stereo	NOT RATED
Model CBA 3400 (PL-3.4) 3 Space 17.9" Deep 30 lb.	8 ohms stereo	725w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	1200w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	1700w, 1 kHz, 1% THD
Model CBA 4000 (PL-4.0) 3 Space 17.9" Deep 30 lb.	8 ohms stereo	900w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	1400w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	2000w, 1 kHz, 1% THD

Model CBA 6000 (PL-4.0) 3 Space 17.9" Deep 30 lb.	8 ohms stereo	1500w, 20 Hz - 20 kHz, 0.1% THD
	4 ohms stereo	3000w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	6000w, 1 kHz, 1% THD
Model CBX 325 (CX-302) 2 Space 14" Deep 21 lb.	8 ohms stereo	200W, 20 Hz - 20 kHz, 0.05% THD
	4 ohms stereo	325W, 20 Hz - 20 kHz, 0.05% THD
	2 ohms stereo	600W, 1 kHz, 1% THD
Model CBX 500 (CX-502) 2 Space 14" Deep 21 lb.	8 ohms stereo	300w, 20 Hz - 20 kHz, 0.05% THD
	4 ohms stereo	500w, 20 Hz - 20 kHz, 0.1% THD
	2 ohms stereo	800w, 1 kHz, 1% THD
Model CBX 700 (CX-702) 2 Space 14" Deep 21 lb.	8 ohms stereo	425W, 20 Hz - 20 kHz, 0.05% THD
	4 ohms stereo	700W, 20 Hz - 20 kHz, 0.05% THD
	2 ohms stereo	1200W, 1 kHz, 1% THD
Model CBX 900 (CX-902) 2 Space 14" Deep 21 lb.	8 ohms stereo	550W, 20 Hz - 20 kHz, 0.05% THD
	4 ohms stereo	900W, 20 Hz - 20 kHz, 0.05% THD
	2 ohms stereo	1500W, 1 kHz, 1% THD
Model CBX 1100 (CX-1102) 2Space 14 Deep 21 lb.	8 ohms stereo	700W, 20 Hz - 20 kHz, 0.05% THD
	4 ohms stereo	1100w, 20 Hz - 20 kHz, 0.05% THD
	2 ohms stereo	1700w, 1 kHz, 1% THD
Model CBX250x4 (CX-404) 2 Space 14" Deep 21 lb.	8 ohms 4 ch.	250W, 20 Hz - 20 kHz, 0.05% THD
	4 ohms 4 ch.	400W, 20 Hz - 20 kHz, 0.05% THD
	2 ohms 4 ch.	Not recommended
Model CBX200x4V (CX-204V) 2 Space 14" Deep 21 lb.	70V	200W, 20 Hz - 20 kHz, 0.05% THD
	70V	220W, 1 kHz, 0.05% THD
	70V	300W, 1kHz, 1%THD
Model CBX250V (CX-302V) 2 Space 14" Deep 21 lb.	70V	200W, 20 Hz - 20 kHz, 0.05% THD
	70V	250W, 1 kHz, 0.05% THD
	70V	300W, 1kHz, 1%THD

Model CBX440V (CX-602V)	70V	400W, 20 Hz - 20 kHz, 0.05% THD
2 Space	70V	440W, 1 kHz, 0.05% THD
14" Deep	70V	600W, 1kHz, 1%THD
21 lb.		
Model CBX1000V (CX-1202V)	70V	800W, 20 Hz - 20 kHz, 0.05% THD
2 Space	70V	1000W, 1 kHz, 0.05% THD
14" Deep	70V	1200W, 1kHz, 1%THD
21 lb.		

CBA Processed Monitor Amplifiers

Model 1100X 2 Space 14" deep 22b.	Dual channel QSC amplifier with DSP-3/4 for CBA Wedge A monitors. Available in 110, 220, and 240 VAC.
Model 2000Q 2 Space 17.9" Deep 20 lb.	Dual channel QSC amplifier with built-in crossover and processing for CBA 12 AM or WEDGE Series monitors. Available in 110, 220, and 240 VAC.

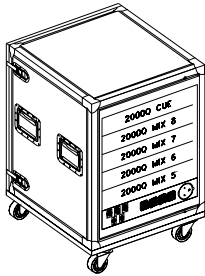
In addition to amplifiers, Clair Brothers also offers a variety of house and monitor amplifier rack systems that are equally durable for road or permanent uses. Racks include shock mounting, input/output/AC panels with transformers on all inputs, casters on a caster board, handles, and sturdy extruded aluminum corners.

Below are examples of our standard amplifier rack configurations. Customized racks are available.

Amplifier Racks-General Specifications

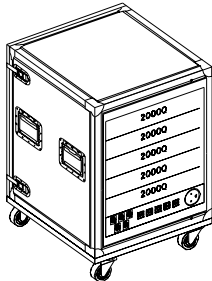
CBA-QSC Amplifier Racks

Model 4000Q



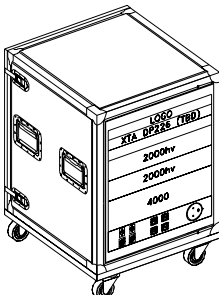
Monitor Amplifier Rack- Hide away pocket door style rack, complete processing bi-amplified CBA 12-AM monitor amp rack with four (4) CBA2000Q amplifiers, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom 10 RU road case and casters. Drives eight (8) 12-AM monitors and receives four (4) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.

Model 5000Q



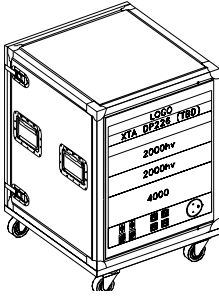
Monitor Amplifier Rack- Hide away pocket door style rack, complete processing bi-amplified CBA 12-AM monitor amp rack with five (5) CBA2000Q amplifiers, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom 12 RU road case and casters. Drives ten (10) 12-AM monitors and receives five (5) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.

Model 2300Q



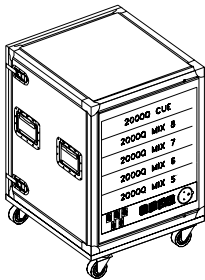
PA Amplifier Rack- Hide away pocket door style rack, complete processing for tri-amplified CBA R3T or R4-III loudspeakers .Two CBA2000 amplifiers, one CBA4000 amplifier, XTA DP 226 processor, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom road case and casters. Drives four R3T or R4-III loudspeakers and receives two (2) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.

Model 1300Q



Monitor Amplifier Rack- Hide away pocket door style rack, complete processing for bi-amplified CBA 12-AM monitor and ML-18 subwoofer. Comes with three (3) CBA2000Q amplifiers, one processed CBA2000 amplifier, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom 10 RU road case and casters. Drives six (6) 12-AM monitors and two ML-18 subwoofers, receives three (3) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.

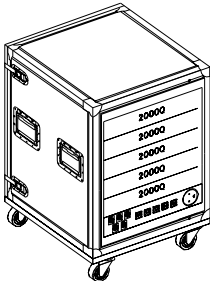
Model 4000X



Monitor Amplifier Rack- Hide away pocket door style rack, complete processing bi-amplified CBA 12-AM monitor amp rack with four (4) processed CBX1100 amplifiers, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom 10 RU road case and casters. Drives eight (8) 12-AM monitors and receives four (4) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.

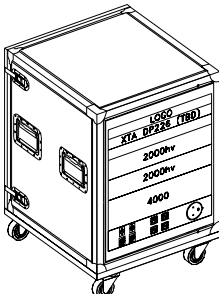
Also available with 8 passive mix capability (without processing)-4000XP:

Model 5000X



Monitor Amplifier Rack- Hide away pocket door style rack, complete processing bi-amplified CBA 12-AM monitor amp rack with five (5) processed CBX1100 amplifiers, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom 12 RU road case and casters. Drives ten (10) 12-AM monitors and receives five (5) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.

Model 2300X



PA Amplifier Rack- Hide away pocket door style rack, complete processing for tri-amplified CBA R3T or R4-III loudspeakers .One CBX 1100 amplifier, one CBX 700 amplifier, one CBX 500 amplifier, BSS Minidrive processor, one (1) CBA input/output panel with transformer isolated inputs, AC, XLR and EP-4 connectors. Custom road case and casters. Drives four R3T or R4-III loudspeakers and receives two (2) mixes. Comes completely assembled and ready for operation. Optional 120 or 240 VAC.