

CO Series

RealSound CO Series coaxial speakers sound design, and provides select from five different mode, in 1998. Initially designed for multipurpose applications, the coaxial technology has demonstrated numerous advantages over classic two-way systems which typically suffer from interference around the crossover point resulting in lobing and uneven frequency and power response.

By superimposing HF and LF acoustic centers in a coaxial design, a virtual point source brings significantly improved radiation characteristics. This is particularly valuable in distributed sound reinforcement applications where most listeners are located off the system axis. As the sound field of coaxial enclosures is stable over the entire frequency spectrum and in all directions, all listeners benefit from an even sonic performance within the enclosure beamwidth.

The particular benefits of coaxial technology are related to the radiation characteristics of a point source. The natural studio monitor sound quality and the aural sensation of transparent sound typical of coaxial systems is adapted to proximity applications such as stage monitoring, front-fills, under-balcony fills and FOH live monitoring.

The point source technology is also suited to distributed applications in semi-reverberant spaces where a single reflected source offers a more coherent radiation field with less reflected virtual sources than a dual acoustic source typical of horn-woofer combinations.



CO

Series

CO system applications

- Theater, night clubs, and houses of worship
- Stage monitor side fill and night clubs
- Can be used as a stand alone system
- Houses of worship, medium to large theatres
- All purpose, compact, flyable subwoofer
- Larger club performance
- Larger scale installs

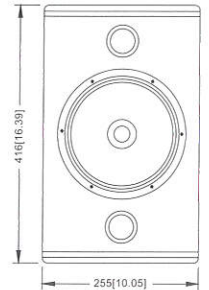
Co-8

The CO-8 is the high-end model of RealSound's CO coaxials e r i e s , This series is designed for using as stage mornitor and FOH application. It operates as a passive 2-way enclosure, with afrequency bandwidth from 70 Hz to 20KHz which can be lowered to 32 Hz with using together with QX-18B subwoofer.

The CO-8 enclosure contains a 2inch(64mm voice coil) diaphragm compression neodymium magnet HF driver loaded onto a constant directivity conical waveguide mounted in a coaxial configuration with an 8inch(64mm voice coil) neodymium magnet low frequency transducer. Integrated into a compact low profile bass-reflex tuned enclosure, this coaxial system produces a 90° axi-symmetric directivity output along with a smoothy tonal response without any secondary lobes over the entire frequency range, generating an exceptional immunity to feedback especially in monitoring situations. The CO-8 can also be pole-mounted used for integrated socket or flown used with the complementary PA bracket accessory.



CO-8
Coaxial
full range very light weight



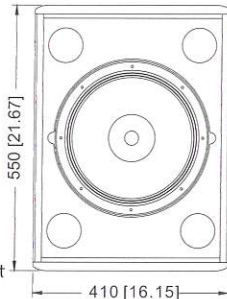
Co-12+

The CO-12+ is the high-end model of RealSound's CO coaxials e r i e s , This series is designed for using as stage mornitor and FOH application. It operates as a passive 2-way enclosure, with afrequency bandwidth from 55 Hz to 20KHz which can be lowered to 32 Hz with using together with QX-218B subwoofer.

The CO-12+ enclosure contains a 3inch(75mm voice coil) diaphragm compression neodymium magnet HF driver loaded onto a constant directivity conical waveguide mounted in a coaxial configuration with an 12inch(75mm voice coil) neodymium magnet low frequency transducer. Integrated into a compact low profile bass-reflex tuned enclosure, this coaxial system produces a 80° axi-symmetric directivity output along with a smoothy tonal response without any secondary lobes over the entire frequency range, generating an exceptional immunity to feedback especially in monitoring situations. The CO-12+ can also be pole-mounted used for integrated socket or flown used with the complementary PA bracket accessory.



CO-12+
Coaxial
full range very light weight



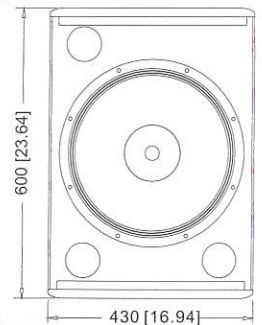
Co-15xi

The CO-15xi is the high-end model of RealSound's CO coaxials e r i e s , This series is designed for using as stage mornitor and FOH application. It operates as a passive 2-way enclosure, with afrequency bandwidth from 55 Hz to 20KHz which can be lowered to 32 Hz with using together with QX-218B subwoofer.

The CO-15xi enclosure contains a 3inch(75mm voice coil) diaphragm compression neodymium magnet HF driver loaded onto a constant directivity conical waveguide mounted in a coaxial configuration with an 12inch(75mm voice coil) neodymium magnet low frequency transducer. Integrated into a compact low profile bass-reflex tuned enclosure, this coaxial system produces a 80° axi-symmetric directivity output along with a smoothy tonal response without any secondary lobes over the entire frequency range, generating an exceptional immunity to feedback especially in monitoring situations. The CO-15xi can also be pole-mounted used for integrated socket or flown used with the complementary PA bracket accessory.



CO-15xi
Coaxial
full range very light weight



CO Series

Model:	CO-8	CO-12+	CO-15xi
System Power Rating	250w AES, 1000w Peak	450w AES, 1800w Peak	500w AES, 2000w Peak
Frequency Range(±3dB)	70Hz-20KHz	55Hz-18KHz	55Hz-18KHz
Impedance	8ohm	8ohm	8ohm
Sound Pressure Level(1w/1m)/max. cont. Coverage(HxV)	97dB/128dB SPL 100°x 100°	99dB/134dB SPL 80°x 80°	100dB/135dB SPL 80°x 80°
Transducers	8inch(64mm)voice coil, neodymium magnet LF driver	12inch(75mm)voice coil, neodymium magnet LF driver	15inch(75mm)voice coil, neodymium magnet LF driver
LF HF	2inch(44mm)voice coil, neodymium magnet HF compression driver	3inch(75mm)voice coil, neodymium magnet HF compression driver	3inch(75mm)voice coil, neodymium magnet HF compression driver
Dimensions wxhxd(inch)	10.05x16.39x10.98	16.15x21.67x14.04	16.94x23.64x14.78
wxhxd(mm)	255x416x280	410x550x356	430x600x375
Weight(Kg)	10.5	17	18.5
Connectors	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon

Specifications

REAL
Sound

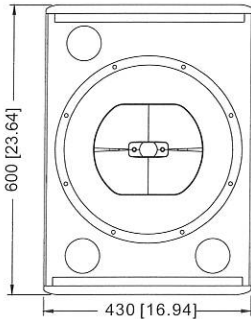
High performance coaxial

- Ultimate sonic performance, clarity and precision
- Point source radiation with excellent off-axis performance
- FOH, fill, monitor versatility for reduced inventory
- Plug and play for fast set-up and reduced tuning time
- Discreet and accurate rigging system
- Sleek design, durable construction, extended longevity
- QD-5 advanced system drive and protection



CO-15HQ

Coaxial
full range very light weight



CO-15HQ

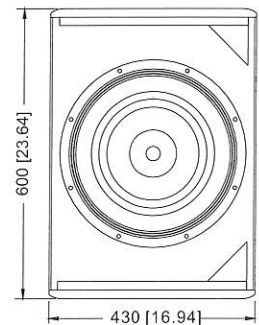
The CO-15HQ is the high-end model of RealSound's CO coaxials e r i e s , This series is designed for using as stage mornitor and FOH application. It operates as a passive 2-way enclosure, with afrequency bandwidth from 55 Hz to 20KHz which can be lowered to32 Hz with using together with QX-218B subwoofer.

The CO-15HQ enclosure contains a 3inch (75mm voice coil) diaphragm compression neodymium magnet HF driver loaded onto a constant directivity conical waveguide mounted in a coaxial configuration with an 15inch (75mm voice coil) neodymium magnet low frequency transducer.Integrated into a compact low profile bass-reflex tuned enclosure,this coaxial system produces a 80°x60° axi-symmetric directivity output along with a smoothy tonal response without any secondary lobes over the entire frequency range, generating an exceptional immunity to feedback especially in monitoring situations.The CO-15HQ can also be pole-mounted used for integrated socket or flown used with the complementary PA bracket accessory.



CO-15+

Coaxial
full range very light weight



CO-15+

The CO-15+ is the high-end model of RealSound's CO coaxials e r i e s , This series is designed for using as stage mornitor and FOH application. It operates as a passive 2-way enclosure, with afrequency bandwidth from 55 Hz to 20KHz which can be lowered to 32 Hz with using together with QX-218B subwoofer.

The CO-15+ enclosure contains a 3inch (75mm voice coil) compression neodymium magnet HF driver loaded onto a constant directivity conical waveguide mounted in a coaxial configuration with an 15inch (88mm voice coil) neodymium magnet low frequency transducer.Integrated into a compact low profile bass-reflex tuned enclosure,this coaxial system produces a 80° axi-symmetric directivity output along with a smoothy tonal response without any secondary lobes over the entire frequency range, generating an exceptional immunity to feedback especially in monitoring situations.The CO-15+ can also be pole-mounted used for integrated socket or flown used with the complementary PA bracket accessory.

CO Series

Specifications	Model:	CO-15HQ	CO-15+
	System Power Rating	500w AES, 2000w Peak	550w AES, 2200w Peak
	Frequency Range(±3dB)	55Hz-18KHz	55Hz-18KHz
	Impedance	8ohm	8ohm
	Sound Pressure Level(1w/1m)/max.cont.	100dB/135dB SPL	100dB/135dB SPL
	Coverage(HxV)	80°x 60°	80°x 80°
	Transducers	15inch(88mm)voice coil,neodymium magnet LF driver	15inch(88mm)voice coil,neodymium magnet LF driver
	LF	3inch(75mm)voice coil,neodymium magnet HF compression driver	3inch(75mm)voice coil,neodymium magnet HF compression driver
	HF	16.94x23.64x14.78	16.94x23.64x14.78
	Dimensions wxhxd(inch)	430x600x375	430x600x375
	wxhxd(mm)	19	20
	Weight(Kg)	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon
	Connectors		

