

ICOA® SERIES

COAXIAL LOUDSPEAKERS

spin
your sound
right round

- A genuine all-rounder for full-range, satellite and monitor applications
- 126 dB / 128 dB max. SPL and 1200 W peak power
- Vertical and horizontal use thanks to coaxial design with rotating, BEM-optimised CD horn (Patent pending)
- Horn-loaded woofer
- DynX DSP with 4 presets, 3-band EQ and delay function
- 2 line/mic input channels with individual gain controllers plus mono mix output; Bluetooth® streaming with the BT model
- 36 mm dual tilt stand attachment with 0° and 5° tilt angle, 55° monitor angle with sturdy stand
- 6 x M10 flying points
- Shock-resistant front grille for optimal protection of the speaker
- 4 aluminium grips with ergonomic, rubber surface
- Extensive, optionally available accessories for installation and transport



SWISS ARMY KNIFE

The outstanding bass reproduction from the horn-loaded woofer makes the ICOA® series the ideal choice for musicians, bands, entertainers and dance schools. It also allows DJs to play sets without the need for a subwoofer.

**COAXIAL ROTATABLE HORN DESIGN**

Our coaxial design with rotating, BEM-optimized CD horn make these loudspeakers exceptionally versatile. When used vertically, the loudspeakers impress as genuine full-range satellites; horizontally, they're excellent in suspended systems or as floor monitors.

**READY FOR TAKE-OFF**

Thanks to the 4 aluminium handles with an ergonomic rubber surface, lifting up and transporting the ICOA® series loudspeakers is super convenient. Their smart placement and total integration into the design provides optimal grip in all situations when handling the speaker.

**AMAZING SOUND.
RELIABLE PERFORMANCE.**

The DynX® DSP technology from LD Systems provides a top-class performance every time and the highest level of freedom from distortion. It includes a multiband limiter which protects against overloading, an EQ, a compressor and a 3-way crossover with run time correction.

**FIND THE RIGHT ANGLE**

With our unique 36 mm dual-tilt stand attachment with 0° and 5° tilt angles, and the 55° floor monitor angle, you will always be able to setup the ICOA series to perfectly match your requirements.



**PROTECTIVE COVERS
AVAILABLE!**

WELCOMES AUDIO SOURCES OF ALL ORIGINS

4 presets, a 3-band EQ and a delay function facilitate optimal adjustment of the sound to the venue conditions. The 2 line/mic input channels with individual gain controllers, plus mono mix output, allow a variety of signal sources to be connected. The BT version offers Bluetooth® streaming and the wireless connection of playback devices - ideal for playing content from a phone or tablet.

ICOA® SERIES

COAXIAL LOUDSPEAKERS



ICOA® 12 A (BT)
12" POWERED COAXIAL LOUDSPEAKER



ICOA® 12 (W)
12" PASSIVE COAXIAL LOUDSPEAKER



ICOA® 12 A (BT)
12" POWERED COAXIAL LOUDSPEAKER



ICOA® 15 A (BT)
15" POWERED COAXIAL LOUDSPEAKER



ICOA® 15 (W)
15" PASSIVE COAXIAL LOUDSPEAKER



ICOA® 15 A (BT)
15" POWERED COAXIAL LOUDSPEAKER

SPECIFICATIONS 12" VERSIONS:

Art. No.:	LDICOA12A	LDICOA12ABT	LDICOA12(W)
Type:	Powered PA Loudspeaker	Powered PA PA Loudspeaker	Passive PA PA Loudspeaker
Bluetooth Audio Decoder:	-	Bluetooth 4.0	-
Low/mid driver:	12" Ferrite / Custom made	12"	12"
Horn:	BEM optimized CD Horn	BEM optimized CD Horn	BEM optimized CD Horn
HF driver:	1" Ferrite / Custom made	1" Ferrite / Custom made	1" Ferrite / Custom made
Amplifier:	Class D	Class D	-
Dispersion (H x V):	90° x 50°	90° x 50°	90° x 50°
Power (RMS/Peak):	300 W / 1200 W	300 W / 1200 W	250 W / 1000 W
Frequency response:	50 - 20000 Hz	50 - 20000 Hz	50 - 20000 Hz
Crossover frequency:	2 kHz	2 kHz	2 kHz
Max. SPL (peak):	126 dB	126 dB	123 dB
Protection circuits:	Multiband limiter , over voltage , over-current , thermal overload	Multiband limiter , over voltage , over-current , thermal overload	-
Controls:	2 x gain , On / off switch , Rotary/push encoder	2 x gain , On / off switch , Rotary/push encoder	-
Indicators:	LC display	LC display	-
Inputs:	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	1 x Speakon compatible
Outputs:	1 x XLR	1 x XLR	1 x Speakon compatible
Operating voltage:	100 V - 240 V AC / 50 - 60 Hz	100 V - 240 V AC / 50 - 60 Hz	-
Cabinet material:	Polypropylene	Polypropylene	Polypropylene
Cabinet construction:	Bass Reflex	Bass Reflex	Bass Reflex
Mounting:	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points
Monitor angle:	55°	55°	55°
Dimensions (W x H x D):	375 x 635 x 396 mm	375 x 635 x 396 mm	375 x 635 x 396 mm
Weight:	19.95 kg	19.95 kg	19.8 kg
Accessories (included):	Power cord	Power cord	-

SPECIFICATIONS 15" VERSIONS:

Art. No.:	LDICOA15A	LDICOA15ABT	LDICOA15(W)
Type:	Powered PA Loudspeaker	Powered PA Loudspeaker	Passive PA Loudspeaker
Bluetooth Audio Decoder:	-	Bluetooth 4.0	-
Low/mid driver:	15" Ferrite / Custom made	15"	15"
Horn:	BEM optimized CD Horn	BEM optimized CD Horn	BEM optimized CD Horn
HF driver:	1" Ferrite / Custom made	1" Ferrite / Custom made	1" Ferrite / Custom made
Amplifier:	Class D	Class D	-
Dispersion (H x V):	90° x 50°	90° x 50°	90° x 50°
Power (RMS/Peak):	300 W / 1200 W	300 W / 1200 W	250 W / 1000 W
Frequency response:	48 - 20000 Hz	48 - 20000 Hz	48 - 20000 Hz
Crossover frequency:	2 kHz	2 kHz	2 kHz
Max. SPL (peak):	128 dB	128 dB	125 dB
Protection circuits:	Multiband limiter , over voltage , over-current , thermal overload	Multiband limiter , over voltage , over-current , thermal overload	-
Controls:	2 x gain , On / off switch , Rotary/push encoder	2 x gain , On / off switch , Rotary/push encoder	-
Indicators:	LC display	LC display	-
Inputs:	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	2 x 6.3 mm jack Combination sockets (symmetrical) , XLR, 1 x 3.5 mm TRS	1 x Speakon compatible
Outputs:	1 x XLR	1 x XLR	1 x Speakon compatible
Operating voltage:	100 V - 240 V AC / 50 - 60 Hz	100 V - 240 V AC / 50 - 60 Hz	-
Cabinet material:	Polypropylene	Polypropylene	Polypropylene
Cabinet construction:	Bass Reflex	Bass Reflex	Bass Reflex
Mounting:	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points	0° and 5° , 36mm flange, 6 x M10 flying points
Monitor angle:	55°	55°	55°
Dimensions (W x H x D):	416 x 695 x 415 mm	416 x 695 x 415 mm	416 x 695 x 415 mm
Weight:	24.3 kg	24.3 kg	24.7 kg
Accessories (included):	Power cord	Power cord	-