



## C-RAY/8

Order No.: 0255630

**Price upon request**

### PRODUCTINFOS

#### The C-RAY/8

is a compact active 3-way column PA speaker system with a DSP-controlled 2-channel class D amplifier module and a 4-channel mixer. The system consists of a subwoofer of very high power capability with two 20 cm (8") bass speakers as well as two column modules which are equipped with a total of twelve 7.6 cm (3") full range speakers and two 2.5 cm (1") tweeters. The different connection method and configuration of the column modules allow for an easy and fine tuning with continuously adjustable equalizers via DSP in the inputs. The system provides a powerful sound and is suitable for versatile applications. The components are attached and connected via a twist-and-lock mechanism and therefore do not require any cables. The four inputs can be mixed and parallel out and mix out are also available.

#### Active column PA speaker system with DSP, 800 W

- Compact full range system with bass-reflex subwoofer and two column modules
- 2 x 20 cm (8") bass speaker, 12 x 7.6 cm (3") full range speaker and 2 x 2.5 cm (1") tweeter in a closed cabinet
- 2-channel class D amplifier system with 2 x 400 W
- DSP-controlled functions for crossover network, equalizer and limiter
- Sound pressure at nominal power: 115 dB, music: 118 dB, peak: 122 dB
- 4-channel mixer

- Continuously adjustable sound characteristics
- Mono selector switch
- Indication of signal, limiter and clip
- Feed-through outputs, rec out and mix output
- High-quality wooden cabinet with protective metal grille
- No cables, components attached via twist-and-lock mechanism
- Supplied w/o protective cover set C-RAY/8BAG, available at option

### **Beat 08/2016**

“A thoroughly impressive PA system for small events ... easy to transport, mixer with four channels, various output options, provides a clear and excellent sound.”

### **tools4music 01/2015**

“I like it! The C-RAY/8 from IMG STAGELINE is easy to transport, provides a perfectly tuned sound and is of an unobtrusive design. It is quickly set up and ready for use. These are perfect prerequisites for leaving a lasting impression with small acoustic bands, DJs and multimedia PA applications. Thanks to digital signal processing, it is possible to carry out audible sound adjustments quickly with one equalizer control only. Thus, operating the mixer is child's play and also suitable for inexperienced users. When purchasing this device, the customer should also consider the intermediate pieces C-RAY/8EXT which considerably extend the range of applicaiton.”

- + Unobtrusive design suitable for galas
- + Easy to use
- + Internal 4-channel mixer
- + Sound tuning
- + Individual volume control for the bass speaker system
- + Top-operated mixer
- + Price
- + Quickly set up and disassembled
- + Easy to transport
- Protective covers available at a relatively unfavourable price

### **okey 121, 11/2014**

“There are many column PA speakers available already. We may have to ask ourselves: do we need any more of those? If they are well-designed speakers, of course we do! With the C-RAY/8, IMG STAGELINE offers a speaker which is available at a reasonable price and provides an absolutely impressive sound in its class. It is suitable for versatile applications with sufficient power capabilities for entertainers. At the same time, it provides a well-balanced sound and is easy to use. What more do you want? If you are looking for a new and compact speaker system with a particularly good price-performance ratio, come and try out the C-RAY/8. It is worth it!”

### **SOUNDCHECK 09/2014**

“A high-quality PA column speaker ... easy to transport, quick to assemble and easy to use. ... even smaller concerts can be realised with this system.”

### tastewelt 05/2014

“Clever column speaker! The arrangement of the speakers in the columns allows for an extraordinary operating range and a consistent radiation pattern. It provides an impressive bass performance ... volume levels suitable for a party.”

## TECHNICAL SPECIFICATIONS

### C-RAY/8

Active/passive	active
Transmission method	cable
Total output power	800 W
Power rating (RMS)	DSP-controlled
	400 W (200+200)
	bass: 200 W mid-high range: 200 W
Frequency range	50-20,000 Hz
THD	< 0.1%
S/N ratio	80 dB
Input signal	750 mV/22 kΩ (line),
	20 mV/2 kΩ (mic, bal.),
	40 mV/2 kΩ (comb.),
	200 mV/22 kΩ (aux)
System	full range
Bass speaker	2 x 20 cm (8")
Midrange speaker	12 x 7.6 cm (3")
Tweeter	2 x 2.5 cm (1")
Number of speakers	16
Speaker size	20 cm (8")
Sensitivity	95 dB/W/m
Max. rated SPL	115 dB at nominal power RMS
Beam angle	hor. 120°, vert. 30°-90° var.
Radiation angle, horizontal	120°
Radiation angle, vertical	30°-90° var.
Housing material	wood
Colour	black

**C-RAY/8**

Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/510 VA
Dimensions	250 x 1,730 x 400 mm
Width	250 mm
Height	1,730 mm
Depth	400 mm
Weight	23 kg
Inputs	2 x comb. XLR/6.3 mm (line L/R) 1 x comb. XLR/6.3 mm (mic) 1 x comb. XLR/6.3 mm (combo) 1 x RCA (aux L/R) 1 x 3.5 mm jack (aux L/R) 1 x RCA (rec out, L/R)
Outputs	1 x XLR, par. out  1 x XLR, MIX out
Other features	DSP-controlled limiter
Packing dimensions (W x H x L)	0.64 x 0.73 x 0.38 m
Gross weight	27.84 kg
Net weight	23.15 kg