NEW PRODUCTS

LIVE SOUND

sound culture
EVOX is the professional RCF answer to small satellite-subwoofer or column style portable speakers. EVOX, designed for live sound, exceeds the portability and the performances of competition products.

**RCF TECHNOLOGY**

The EVOX range feature high technology RCF transducers. The ultra-compact full-range 2" driver is capable of handling extremely high spl and power. The high excursion woofers are able to extend to the lowest frequencies and offer a quick and precise response up to the crossover point. Specific attention has been dedicated to the mid-low frequency region where many similar products fail.

**INNOVATIVE DSP PROCESSING**

The EVOX DSP processing is the result of many years of experience in line array design combined with innovative and dedicated algorithms. Thanks to the frequency dependent drivers excursion and control of distortion, our processing is capable to guarantee an incredible and unmatchable output from this small systems. A dedicated vocal processing has been specifically studied for speech reproduction during presentations or conferences.

**SMART PACKAGE**
LIVE SOUND

EVOX systems are primarily designed for live sound. Extensive testing with instruments and voices during the design process as well as power and reliability testing, make the EVOX systems the perfect workmates for solo musicians, bands and DJs.

CONTROLLED DIRECTIVITY PATTERN

EVOX array design features a constant horizontal directivity coverage of 120°, offering a perfect listening experience to the audience.

The vertical array design is progressively shaped to guarantee a correct listening from the first row and to avoid a high frequency beaming typical of straight array.
EVOX 5
ACTIVE TWO-WAY ARRAY

Evox 5 is a portable compact size sound reinforcement system. Evox 5 combines the quality and reliability of RCF transducers with a very high amplification power. The system features five 2.0” full range transducers in the line source satellite and a deep sounding 10” woofer in a bass reflex enclosure. The system is designed to be the perfect portable solution for live music and DJs. The unique vocal attitude and portability make Evox 5 the perfect tool for presentations, corporate events and congresses.

800 Watt
125 dB max SPL
45 Hz 20 kHz frequency response
10” Woofer, 2.0” v.c.
5 x 2” Ultra compact fullrange, 1.0 v.c.
120° x 30° slightly tilted pattern control
Innovative DSP processing
Pole mountable, easy set-up and transportation

MULTIFUNCTIONAL TOP HANDLE
EVOX top steel plate joins the handle and the M20 insert for pole mounting. A comfortable rubber hand grip has been added for great portability.

CLASS D AMPLIFICATION

EVOX systems are driven from high power class D amplifiers.

Each system features a real two way amplifiers with DSP controlled crossover.

With careful crossover design and protections setting has been possible to reach pressures up to 6 dB more than traditional products with passive crossovers to satellites.

p.n. 130.00.440 (230 V)
p.n. 130.00.441 (115 V)
Evox 8 is a portable compact size sound reinforcement system. Evox 8 combines the quality and reliability of RCF transducers with a very high amplification power. The system features eight 2.0” full range transducers in the line source satellite and a deep sounding 12” woofer in a bass reflex enclosure. The system is designed to be the perfect high output solution for live music and DJs. The unique vocal attitude and SPL make Evox 8 the perfect tool for larger presentations, corporate events and congresses.

- p.n. 130.00.442 (230 V)
- p.n. 130.00.443 (115 V)

Presentations

- SUPERBE BASS PERFORMANCE
  Low frequency section, taking advantage of the floor placement and the accurate port design, offer a tight and full bass response everywhere in the room.

Performers

- TOUR GRADE DESIGN
  EVOX systems from amplification to transducers, from DSP processing to strong cabinets and grilles are designed for heavy professional use.

- 1400 Watt
- 128 dB max SPL
- 40 Hz 20 kHz frequency response
- 12” Woofer, 2.5” v.c.
- 8 x 2” Ultra compact fullrange, 1.0 v.c.
- 120° x 30° slightly tilted pattern control
- Innovative DSP processing
- Pole mountable, easy set-up and transportation
ART 745-A
ACTIVE TWO-WAY SPEAKER

The ART 745-A is a unique product in its category. The titanium dome, 4.0” voice coil neo compression driver offers a unique vocal clarity and sound projection. The 15” neo woofer offers an extremely linear response and a precise, deep low frequency control. The transducers are built in our factory in Italy using the most advanced assembly technologies. The amplifier delivers 1400 Watt and is controlled by a DSP that takes care of crossover, equalisation, phase alignment, soft limiting and speaker protections.

- 1400 Watt Peak, 700 Watt RMS digital amplifier
- 133 dB max spl
- 90 x 60, Wide dispersion constant directivity horn
- 15” NEO woofer, high power 3.5” voice coil
- HF NEO driver, titanium dome, 4” voice coil
- DSP Processing
- 19.6 Kg / 43.2 lbs

p.n. 130.00.420 (230 V)
p.n. 130.00.421 (115 V)

SUPERIOR COMPRESSION DRIVER

At the core of ART 745-A design is the new ND 940 compression driver. The ND 940 large format compression driver delivers one of the key advantages of the ART 745-A, the 4.0” voice coil allows a crossover point of 650Hz and therefore almost all of the vocal range can be produced by this driver. This allows better impulse response, fast waterfall decay and superior efficiency.

Compression driver and woofer are precision built taking advantage of RCF’s superior moulding, assembly technologies and a wealth of professional knowledge and experience dedicated to achieve extremely high standards.

CLEAR VOCALS

The large sized constant directivity horn is designed to offer a precise 90° x 60° directivity. The mid-high frequencies are transparent accurate and free from distortion.
The ART 7 Series design looks aggressive whilst retaining familiar ART ergonomics and is the result of extensive combined functional and acoustic research. Every detail of the cabinets, from moulding to the final texture, has been carefully studied to offer the maximum reliability and strength for an intensive use on the road.

The cabinet is moulded in a special polypropylene composite material and is designed to dampen down vibrations even at maximum volume settings. The reflex porting has been resized to offer a better efficiency. The ART 745-A is equipped with ergonomically designed handles with rubber handgrips for a better portability. The ART 745-A can be used in standard configuration as well as in stage monitor mode.

**POWERFUL DIGITAL AMPLIFIER**

The powerful digital amplifier offers very high output, extremely low distortion and an incredibly natural sound.

The amplifier presents both XLR/Jack (Combo) balanced inputs, XLR output link, volume and a switchable EQ Mode (Flat/Boost).

The amplifier features a solid mechanical aluminium structure, which not only stabilizes the amplifier during transportation, but also assists in heat dissipation.
The SUB 8005-AS is one of the most powerful 21" subwoofers in pro-sound category. Featuring a high power, hypervented 21" woofer, with 4.5" inside/outside voice coils, this cabinet is designed to deliver a serious amount of low frequency. Powered by a 2500W digital amplifier module, the SUB 8005-AS can perform in the most demanding situations. The input board includes volume control, deep/punch switch, high pass switch, phase switch, cardioid, time delay.

- 2500 Watt
- 137 dB max SPL
- 27 Hz - 120 Hz frequency response
- 21" RCF Precision 4.5" voice coil vented woofer
- DSP controlled Input section with selectable presets
- On board time delay control
- Baltic birch plywood tour grade cabinet

The SUB 8005-AS is powered from a digital amplifier integrated to the rear side, in a separate chamber and mechanically insulated from vibrations.

The custom designed 18 "woofers feature 4” hypervented, inside/outside, voice coil for excellent power handling and superior thermal performance.

- Compatible with NXL23-A (stacking)
- Compatible with NXL24-A (stacking)
- Multiple configurations with HDL 10-A and HDL 20-A

STACKING
2 x NXL 24-A

Two NXL 24-A in HF close-coupling configuration can be mounted on top of a SUB 8005-AS using the accessory “stacking kit 2X NXL 24-A”

POLE MOUNTING

The SUB 8005-AS is equipped with a M20 rugged insert on top of the cabinet to easily pole mount one NXL 24-A or any two-way RCF speaker.

p.n. 130.00.422 (230 V)
p.n. 130.00.423 (115 V)
The SUB 8005-AS is equipped with two M20 rugged inserts. The SUB 8005-AS input section includes Volume control, a Deep / Punch switch; Signal, Power and Limiter LED’s; High pass switch; Phase switch; Cardioid switch; Delay control; Crossover and XLR signal link.

**STACKING HDL 20-A**

Up to 4 HDL 20-A can be stacked on top of 2 SUB 8005-AS using the HDL 20-A fly-bar.

**STACKING HDL 10-A**

Up to 4 HDL 10-A can be stacked on top of 2 SUB 8005-AS using the HDL 10-A fly-bar.

**STACKING NXL 23-A**

A dedicated accessory, the “Stacking bar NXL 23-A”, is available to stack up to 4 NXL 23-A on top of 2 SUB 8005-AS.

**TWO POSITIONS**

The SUB 8005-AS is equipped with feet, rotatable logo and side mounted M20 insert, to be used in vertical or horizontal position.
The HDL15-AS is a compact, flyable high power subwoofer, designed to integrate seamlessly into a HDL 10-A flown array. The bass reflex design guarantees a deep, linear power response while the 3.5” voice coil vented design woofer offers the minimum of power compression. The system provides integrated mechanics compatible with the HDL 10-A array module.

- **p.n. 130.40.020 (230 V)**
- **p.n. 130.40.021 (115 V)**

**Activate Flyable High Power Subwoofer**

**Flexible Mountings**
- Multiple subs stacking option
- M20 center mounting insert
- Flybar stack mounting
- Compatible with HDL10-A

**Strong Mechanics**
- Powder coated heavy duty steel
- Single center rear rigging point
- Up to 8 flying modules
- Compatible with HDL10-A

**HDL15-AS Input Board**

- XLR signal input
- XLR signal link
- Signal power and limiter LEDs
- 4 Xover settings
- Phase switch
- Xover output

**Specifications**
- **2000 Watt**
- **133 dB max SPL**
- **40 Hz 140 Hz frequency response**
- **15” Woofer, 3.5” v.c.**
- **DSP controlled Input section with selectable presets**
- **Tour grade safe and solid variable mechanics**
- **Baltic birch tour grade cabinet**
- **Designed to compliment the HDL 10-A speaker system**
Are you looking for a deep and punchy bass in a small pack? The choice is easy: SUB 905-AS II. It is an extremely compact and easy to transport high power active subwoofer, with the newly designed 15” woofer for a deeper bass punch. The cabinet is made of Baltic Birch and heavy duty painted.

SUB 905-AS II
ACTIVE SUBWOOFER

SUB 8003-AS II
ACTIVE SUBWOOFER

The SUB 8003-AS II is a vented, high output, active subwoofer system where the punch of a single 18” is desired. It is powered by a 2200 W compact and lightweight digital amplifier and the port area has been carefully designed for reduced distortion. It works equally well for portable or install applications and it is engineered to complement full-range loudspeakers in a wide range of PA situations.

Club sound, DJs

Subwoofers inside/outside voice coils represents the unreachable reference in power handling, their “triple thickness” former transfer the sound to the cone with extreme accuracy and reliability.

Portable PA

RCF Precision’s unique double silicone sealed spider design functions as an air pump expelling hot air and drawing in cool air every time the cone assembly moves.

Rental

- 2200 Watt
- 135 dB max SPL
- 40 Hz - 120 Hz frequency response
- 15” Woofer, 3.0” v.c.
- Xover 80-120 Hz switch, phase switch
- Baltic birch tour grade cabinet

- 2200 Watt
- 135 dB max SPL
- 40 Hz - 120 Hz frequency response
- 18” Woofer, 4.0” v.c.
- Xover 80-120 Hz switch, phase switch
- Baltic birch tour grade cabinet

Club sound, DJs

- 2200 Watt
- 135 dB max SPL
- 40 Hz - 120 Hz frequency response
- 15” Woofer, 3.0” v.c.
- Xover 80-120 Hz switch, phase switch
- Baltic birch tour grade cabinet

Portable PA

- 2200 Watt
- 135 dB max SPL
- 40 Hz - 120 Hz frequency response
- 18” Woofer, 4.0” v.c.
- Xover 80-120 Hz switch, phase switch
- Baltic birch tour grade cabinet

Rental

- 2200 Watt
- 135 dB max SPL
- 40 Hz - 120 Hz frequency response
- 15” Woofer, 3.0” v.c.
- Xover 80-120 Hz switch, phase switch
- Baltic birch tour grade cabinet
## SPECIFICATIONS

### EVOX 5
- **Frequency Response**: 45 Hz - 20 kHz
- **Max SPL**: 125 dB
- **Horizontal cov. angle**: 120°
- **Vertical cov. angle**: 30°
- **Compression Driver**: 5 x 2", 1.0" v.c.
- **Midrange**: 10", 2.0" v.c.
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 220 Hz
- **Protections**: thermal, rms limiters
- **Volume, EQ, Phase**: Volume, EQ
- **Total Power**: 800 W Peak
- **Cooling**: convection
- **Height**: 490 mm (19.2")
- **Width**: 530 mm (20.9")
- **Depth**: 288 mm (11.3")
- **Weight**: 19.2Kg (42.32lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### EVOX 8
- **Frequency Response**: 40 Hz - 20 kHz
- **Max SPL**: 125 dB
- **Horizontal cov. angle**: 120°
- **Vertical cov. angle**: 30°
- **Compression Driver**: 8 x 2", 1.0" v.c.
- **Midrange**: 12", 2.0" v.c.
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 1200 Hz
- **Protections**: thermal, rms limiters
- **Volume, EQ, Phase**: Volume, EQ
- **Total Power**: 1400 W Peak
- **Cooling**: convection
- **Height**: 530 mm (20.9")
- **Width**: 585 mm (22.9")
- **Depth**: 555 mm (21.85")
- **Weight**: 23.8Kg (50.70lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### ART 745-A
- **Frequency Response**: 45 Hz - 20 kHz
- **Max SPL**: 133 dB
- **Horizontal cov. angle**: 90°
- **Vertical cov. angle**: 60°
- **Compression Driver**: 2", 4.0" v.c.
- **Midrange**: 15", 3.5" v.c.
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 1200 Hz
- **Protections**: thermal, rms limiters
- **Volume, EQ**: Volume, EQ
- **Total Power**: 1400 W Peak
- **Cooling**: convection
- **Height**: 708 mm (27.8")
- **Width**: 450 mm (17.7")
- **Depth**: 346 mm (13.6")
- **Weight**: 23.8Kg (50.70lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### SUB 8005-AS
- **Frequency Response**: 27 Hz - 120 Hz
- **Max SPL**: 137 dB
- **Input Connector**: XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 800 Hz
- **Protections**: thermal, rms limiters
- **Volume, EQ, Phase, Xover**: Volume, phase, xover
- **Total Power**: 2500 W Peak
- **Cooling**: convection
- **Height**: 825 mm (32.4")
- **Width**: 490 mm (19.2")
- **Depth**: 427 mm (16.81")
- **Weight**: 19.2Kg (42.32lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### SUB 8003-AS II
- **Frequency Response**: 40 Hz - 120 Hz
- **Max SPL**: 135 dB
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 800 Hz
- **Protections**: thermal, rms limiters
- **Volume, Phase, Xover**: Volume, phase, xover
- **Total Power**: 2200 W Peak
- **Cooling**: convection
- **Height**: 708 mm (27.8")
- **Width**: 450 mm (17.7")
- **Depth**: 346 mm (13.6")
- **Weight**: 19.2Kg (42.32lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### SUB 905-AS II
- **Frequency Response**: 40 Hz - 120 Hz
- **Max SPL**: 133 dB
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 800 Hz
- **Protections**: thermal, rms limiters
- **Volume, Phase, Xover**: Volume, phase, xover
- **Total Power**: 2200 W Peak
- **Cooling**: convection
- **Height**: 694 mm (27.2")
- **Width**: 450 mm (17.7")
- **Depth**: 427 mm (16.81")
- **Weight**: 19.2Kg (42.32lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### SUB 8005-AS II
- **Frequency Response**: 40 Hz - 120 Hz
- **Max SPL**: 135 dB
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 800 Hz
- **Protections**: thermal, rms limiters
- **Volume, Phase, Xover**: Volume, phase, xover
- **Total Power**: 2200 W Peak
- **Cooling**: convection
- **Height**: 694 mm (27.2")
- **Width**: 450 mm (17.7")
- **Depth**: 427 mm (16.81")
- **Weight**: 19.2Kg (42.32lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —

### HDL 15-AS
- **Frequency Response**: 40 Hz - 140 Hz
- **Max SPL**: 133 dB
- **Input Connector**: Jack - XLR male
- **Output Connector**: XLR female
- **Input Sensitivity**: -2 dBu / + 4 dBu
- **Crossover Frequency**: 1200 Hz
- **Protections**: thermal, rms limiters
- **Volume, EQ**: Volume, EQ
- **Total Power**: 2000 W Peak
- **Cooling**: convection
- **Height**: 490 mm (19.33")
- **Width**: 530 mm (20.9")
- **Depth**: 427 mm (16.81")
- **Weight**: 19.2Kg (42.32lbs)
- **Cabinet**: Baltic birch plywood
- **Hardware**: 2xM6, 1 top
- **Handles**: —