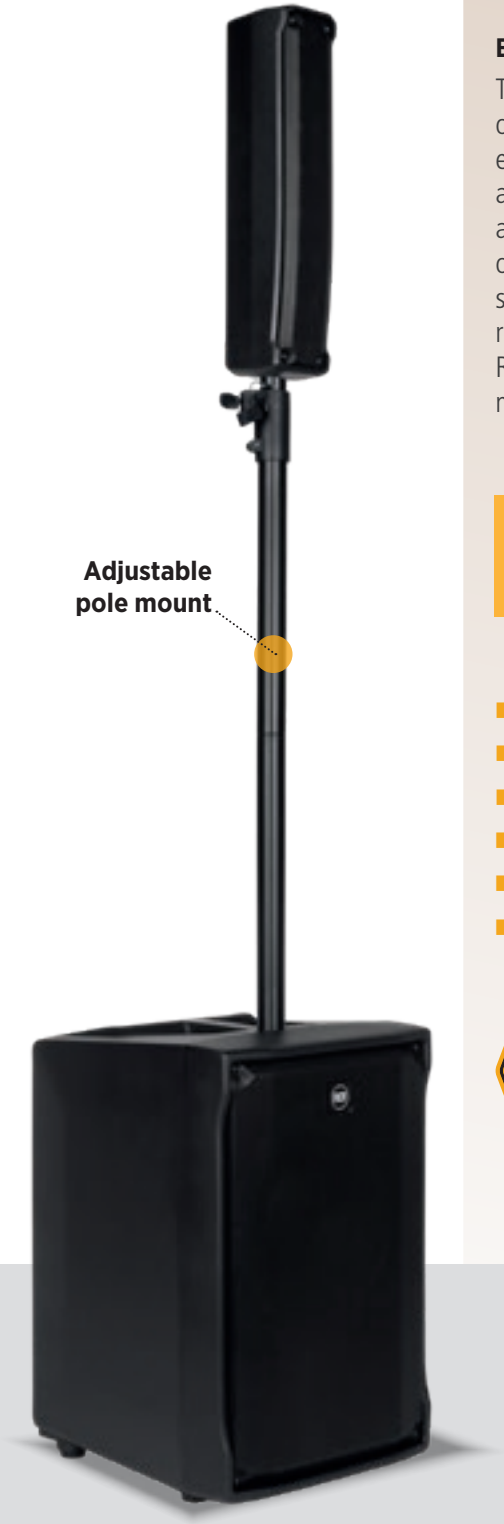
EVOX J SYSTEM

EVOX J8

ACTIVE TWO-WAY PORTABLE ARRAY



BE AMAZED WITH RCF EVOX J8

The incredibly powerful J series alters the landscape of portable PA once again. The system features a line source satellite module with eight 2" full-range drivers paired with a high-powered 12" woofer in a bass reflex enclosure. All powered by on-board 1400-watt Class-D amplification. The EVOX J Series maintains a similar footprint to the original EVOX systems, now in a portable composite enclosure. The system offers stunning sound performance with crystal clear vocal reproduction and unparalleled musical response. This makes the RCF EVOX the smart choice for live entertainment, DJs, parties, club music and corporate events.

Perfect vocal reproduction
Thundering bass RCF **unique sound**
Portable solution with **easy set-up**

- 1400 Watt
- 40 – 20000 Hz Frequency Range
- 120° x 30° slightly tilted pattern control
- 128 dB SPL Max
- 12" Woofer, 2.5" v.c.
- DSP Processing with FiRPHASE

FiR PHASE A new perspective on linearity

EVOX JMIX8

ACTIVE TWO WAY ARRAY MUSIC SYSTEM

BE AMAZED WITH RCF EVOX JMIX8

Taking the EVOX J Series one step further, RCF has added an 8-input Digital Mixer to the system. The onboard processing power of the innovative Z.CORE DSP provides not only full mix functions; it includes high-quality instrument FX and AMP simulations. An EVOX iOS/ Android-compatible app allows to manage the JMIX8. Adding Bluetooth audio and Hi-Z instrument input, the EVOX JMIX8 combines the quality and reliability of RCF transducers and amplification with a powerful remote controllable 8-channel digital mixer. The all-in-one solution, superior sound quality and easy set-up and transportation make the EVOX the perfect workmate for musicians.

Fully featured 8-channel digital mixer
Superior **FX** & **AMP simulator**
RCF EVOX App

- All the features of J8 plus:
- 8-Channel Digital Mixer with multiple FX
- Bluetooth Audio
- Hi-Z Input for Musical Instruments
- Remote Control via RCF Evox App (Bluetooth)
- Auxiliary Output

Z.CORE DSP FX Innovative processing

“ Amazing precision on the whole frequency range, an incredible woofer’s power ”

EVOX JMIX8-W

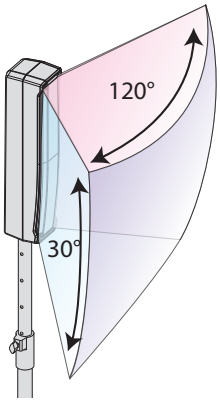
EVOX J8-W

SUPERIOR TRANSDUCERS

The ultra-compact full-range 2” RCF drivers are capable of handling high SPL and power with a stunning sound performance. The high excursion 12” RCF woofer extends to the lowest frequencies offering quick and precise punch. The bass-reflex port design avoids air turbulence reducing distortions. The EVOX design features constant directivity coverage of 120°x30°(HxV), providing a perfect coverage pattern. The vertical array is progressively shaped to guarantee consistent sound coverage from the first row to the last.

ELECTRONICS

Integrated amplifier DSP manages full loudspeaker processing, FiRPHASE filters, crossover and EQ, soft limiter, and dynamic bass boost. Class-D power amplifier technology packs huge performance, operating with high efficiency into a lightweight solution. The robust mechanical aluminium structure of the amplifier strengthens the unit during transportation and provides fanless heat dissipation.



A NEW PERSPECTIVE ON LINEARITY

Thanks to FiRPHASE, a proprietary and advanced FIR filtering technology, the EVOX system provides more transparency of the original input signal with absolute clarity.
The FiRPHASE algorithm optimises dynamics, amplitude and phase patterns, while at the same time ensuring minimum system latency for improved sound performance.

BRING EVOX WITH YOU

The sturdy, ergonomic cabinet is easy to carry, thanks to the handle at the top and the practical bag. Each subwoofer includes a steel pole socket for the array. Stability and safety are assured. The satellite module slides easily into the rear of the subwoofer for compact transportation. Internal structure reinforcements prevent any damage of the cabinet. Cabinets are molded on a special polypropylene composite material designed to dampen down unwanted vibrations.

Pole Socket

READY TO PLAY WITH A FEW SIMPLE STEPS

PORTABILITY

In addition to the handle on top of the woofer's cabinet, transportation is made easy thanks to the trolley, that is fully integrated into the optional cover of the speaker. During transportation, the metal pole is safely attached to the trolley with the cover's handles.

MOUNT

Screw the pole into the pole mount on top of the subwoofer. Insert the top column, connect the SpeakOn and it's done! An adjustable fastener allows the pole's length to be adapted.

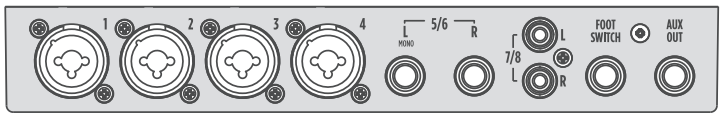
PLAY!

Carrying and mounting your audio system has never been so quick!

JMIX IT!

The mixer section features a high quality professional preamplifier with remote digital gain control, selectable high pass filter, pan control and polarity reversal switch. Phantom power for condenser/ electret microphones (+48V) available for channel 1 and 2. Each input channel is provided with a three band EQ: ±12dB gain shelving equaliser for lows and highs and a semiparametric EQ from 50Hz to 12kHz and ±12dB gain for the mid band. The EQ can be switched OFF with the touch of a button. Each channel can send audio to the FX chain and to the AUXiliary output for monitoring or other creative uses.

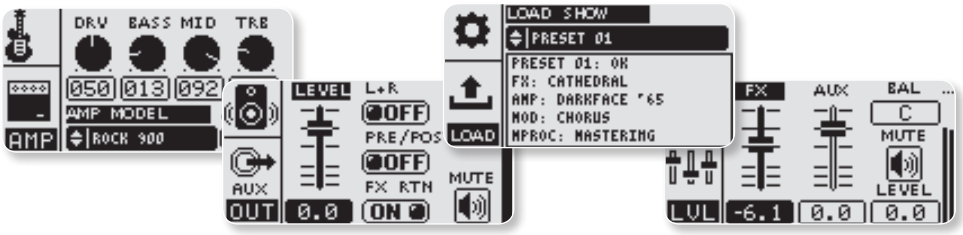
INPUTS / OUTPUTS



CHANNEL	TYPE	FEATURES
1	MIC/LINE (bal)	+48V
2	MIC/LINE (bal)	+48V
3	MIC/LINE (bal)	
4	MIC/LINE (bal)	Hi-Z, MFX processing
5	Line In L/Mono	
6	Line In R	
7 / 8	RCA/Bluetooth LR	-10dBV
Foot SW	Dual footswitch in	TRS
AUX OUT	Output	Monitoring, opt. output

EVOMIX ONBOARD

All the available functions on the EVOX JMIX8 system integrated mixer can be managed from the operating panel. The select buttons: INPUT, OUTPUT, HOME, SYSTEM, MFX, FX give access to all the parameter pages on the LCD display.



EVOX APP

The RCF EVOX App ensures a comprehensive control of J Series mixers: all the processing you need, on your smartphone, via Bluetooth. Featuring attractive and intuitive graphics created by audio professionals, the app allows you to navigate between pages and fully control the mixer's parameters even while playing. The EVOX App is available for iOS and Android operating systems.

GET IT ON Google Play

Download on the App Store

DYNAMIC COMPRESSOR

MIC/LINE inputs 1 to 4 are provided with a single control dynamic compressor. The control slider acts on the amount of compressor intervention. A dedicated button toggles the compressor ON and OFF. Up to 6 different presets can be selected from the Compressor Model list: LIGHT, HEAVY, VOCAL, BASS, ACOUSTIC, and DRUM.

MAIN CHANNEL

A 7-band graphic EQ on the Main Channel lets you shape the frequency response of the system. In order to have a powerful overall sound, limiting peaks and more harmonics, four mastering processing presets can be selected: MASTERING, MASTER BOOST, LOUD & PROUD, and HI-FI.

MFX

A whole range of easy-to-use effects helps the musician to find the right sound in any song:
CHORUS, TREMOLO and FLANGER on the modulation effects unit, plus a useful delay for musical instruments.

GUITAR AMPS AND CABINETS INCLUDED

The line input 4 can be switched to a Hi-Z mode and host several realistic amp modeling simulators. Guitar and Bass players can count on a whole range of 15 realistic emulations tuned for the maximum reality: Darkface ’65, Jazz C, Rock’64, Rock 800 Crunch, Rock 900 Lead, Top30, Modern, Bassamp, Bassmate, Markbass 1, Markbass 2, Slo 88 Crunch, Slo 88 Lead, Overange 120, Heavy 51 and others. Shape the sound of each amp via 4 different parameters, store it in the Preset memory and recall via EVOX App, Panel, or Footswitch. A wide range of integrated sound options at your fingertips.

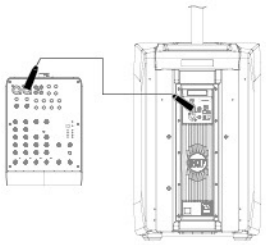
TONS OF EFFECTS

80 High Quality effects presets from the premium Z.CORE.DSP, each with three parameter controls: 40 different reverbs, providing a realistic simulation of large spaces, such as halls, rooms or hardware reverbs; 20 different delay types; 20 modulation effects to shape any nuance of your music.

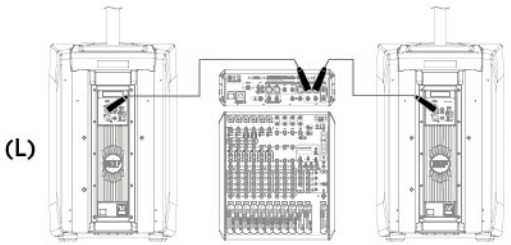
CONFIGURATIONS

L-R assignment can be swapped

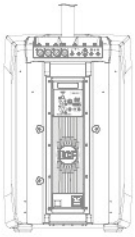
EXTERNAL MIXER WITH EVOX J8
(mono output)



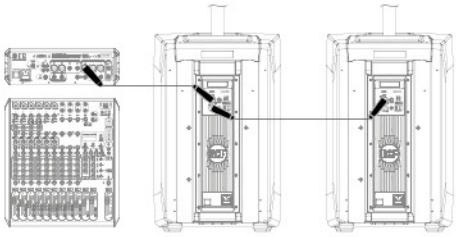
2 X EVOX J8 WITH EXTERNAL MIXER
(stereo output)



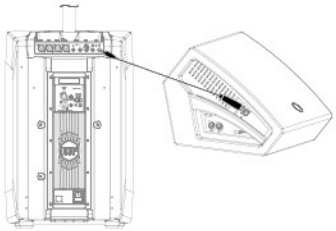
EVOX JMIX8
(mono)



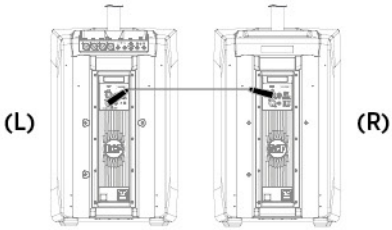
2 X EVOX J8 WITH EXTERNAL MIXER
(mono output)



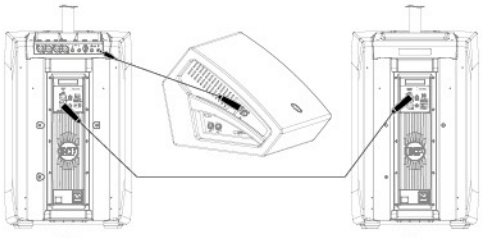
EVOX JMIX8 WITH STAGE MONITOR
(mono)



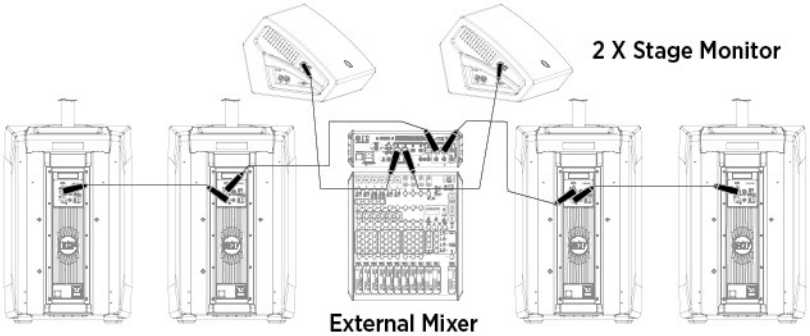
EVOX JMIX8 + EVOX J8
(stereo output)



EVOX JMIX8 + EVOX J8 + STAGE MONITOR



LARGE J SYSTEM



The data and designs are not binding; RCF reserves the right to modify the data and designs at any time and without previous notice.

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PART NUMBERS

EVOX J8 (Black)	p.n. 130.00.554 (220-240V) - p.n. 130.00.555 (115V)
EVOX J8 W (White)	p.n. 130.00.567 (220-240V) - p.n. 130.00.568 (115V)
CVR-WH EVOX J	p.n. 133.60.406 Transportation cover with wheels

EVOX JMIX8 (Black)	p.n. 130.00.556 (220-240V) - p.n. 130.00.557 (115V)
EVOX JMIX8 W (White)	p.n. 130.00.569 (220-240V) - p.n. 130.00.570 (115V)
CVR EVOX J	p.n. 133.60.407 Protection cover