

# CF/CFX

LOUDSPEAKER SYSTEMS



POWER PERFORMANCE RELIABILITY

**RH<sub>A</sub>ON**  
R E A D Y

\* X - Externally Powered



## CF61-2, CF61-2R & CFX61\*

- High Output, Small Enclosure
- Flexible Input Configurations
- Rotatable 150° by 60° Complex Conic Horn
- 1" Extended Range Titanium HF Driver
- Heavy-Duty 6.5" Woofer
- RHAON Ready

**Dimensions (H x W x D)**

*inch:* 16 x 9 7/8 x 11  
*cm:* 40.6 x 25 x 28

**Weight (lbs/kg)**

**CF61-2 & CF61-2R:** 23.2 / 10.5  
**CFX61:** 21.2 / 9.6



## CF81-2, CF81-2R & CFX81

- High Output, Small Enclosure
- Flexible Input Configurations
- Rotatable 150° by 60° Complex Conic Horn
- 1" Extended Range Titanium HF Driver
- Heavy-Duty 6.5" Woofer
- RHAON Ready

**Dimensions (H x W x D)**

*inch:* 19 7/8 x 11 1/8 x 12 1/4  
*cm:* 50.5 x 28.2 x 31.1

**Weight (lbs/kg)**

**CF81-2 & CF81-2R:** 27.2 / 12.3  
**CFX81:** 25.2 / 11.4



## CF121-2, CF121-2R, CF121-5, CF121-5R & CFX121

- Compact Design
- Flexible Input Configurations
- Rotatable 90° x 60° Complex Conic Horn
- 2" Extended Range Titanium HF Driver
- Heavy-Duty 12" Woofer
- RHAON Ready

**Dimensions (H x W x D)**

*inch:* 23 1/8 x 15 3/4 x 14 1/2  
*cm:* 58.7 x 40 x 36.8

**Weight (lbs/kg)**

**CF121-2/2R:** 54.4 / 24.7  
**CF121-5/5R:** 56.4 / 25.7  
**CFX121:** 52.4 / 23.8



## CF121M-2, CF121M-2R & CFX121M

- Compact Design
- Flexible Input Configurations
- Rotatable 90° x 60° Complex Conic Horn
- 2" Extended Range Titanium HF Driver
- Heavy-Duty 12" Woofer
- RHAON Ready

**Dimensions (H x W x D)**

*inch:* 23 1/8 x 15 3/4 x 14 1/2  
*cm:* 58.7 x 40 x 36.8

**Weight (lbs/kg)**

**CF121M-2/2R:** 54.4 / 24.7  
**CFX121M:** 52.4 / 23.8



## CF151-2, CF151-2R, CF151-5, CF151-5R & CFX151

- Compact Design
- Flexible Input Configurations
- Rotatable Complex Conic Horn
- Horn Options: 90° x 40°
- 1" Extended Range Titanium HF Driver
- Heavy-Duty 15" Woofer
- RHAON Ready

**Dimensions (H x W x D)**

*inch:* 29 3/8 x 19 x 16 7/8  
*cm:* 74.6 x 48.3 x 42.8

**Weight (lbs/kg)**

**CF151-2/2R:** 72.2 / 32.8  
**CF151-5/5R:** 74.2 / 33.7  
**CFX151:** 70.2 / 31.8

**CF18S-2, CF18S-2R, CF18S-5, CF18S-5R & CFX18S**

**Dimensions (H x W x D)**

*inch:* 29 1/2 x 22 1/4 x 23 1/2  
*cm:* 75 x 56.5 x 59.7

**Weight (lbs/kg)**

**CF18S-2/2R:** 92.6 / 42  
**CF18S-5/5R:** 94.6 / 42.9  
**CFX18S:** 90.6 / 41.1

- Powerful 18" Subwoofer •
- Flexible Input Configurations •
- High Power, High Performance •
- Built-In Lo-Pass Filter •
- RHAON Ready •



**UMH ATTACHMENT POINTS**

All CF/CFX models are provided with 6 UMH (Universal Mounting Hardware) attachment points making it easy to fly the cabinets using eye bolts, except for the CF/CFX121M floor monitor.



**U-BRACKET ATTACHMENT POINTS**

All CF/CFX models are equipped with U-Bracket attachment points for easy wall and ceiling mounting in fixed installations, except for the CF/CFX121M floor monitor and the CF/CFX18S subs.



**TRIPOD SOCKETS**

All CF/CFX models are equipped with a Tripod socket to allow pole mounting in portable use, except for the miniature CF/CFX61 and the floor mounting CF/CFX121M floor monitor.



**SUB AS A STAND BASE**

The CF/CFX18S subs tripod socket is top mounted to allow their use as a stand base.



No matter how excellent it's performance, a loudspeaker system alone cannot deliver the kind of sound quality that wins repeat business. The acoustical complexities of typical public listening spaces can easily overwhelm the performance of the most advanced integrated loudspeaker system.

Every CF/CFX Series loudspeaker system is designed to the highest standards of innovation and quality – ours. They're built to the same exacting standards we use for all our products, and then rigorously tested before shipment to make sure that they live up to the distinguished name we put on every box, and inside every loudspeaker: Renkus-Heinz. We know your reputation depends on reliable, consistently superior performance – and so does ours.

## RENKUS-HEINZ AUDIO OPERATIONS NETWORK



Passive, powered or networked, you can choose the system configuration that meets your needs at any time. Whenever you are ready for Ethernet audio networking, your CF loudspeakers are too. At the factory or in the field, the CFX passive connector plate can be easily replaced by one of five PF Series intelligent Class D digital amplifiers.



PF Series Class D Amplifiers



Connect



Control



Supervise

A Windows GUI empowers RHAON users to connect each Renkus-Heinz powered loudspeaker to a CobraNet network, control 8 parametric EQ filters, up to 340 ms of delay and dynamics processing via onboard DSP, and supervise both the amplifier and drivers.

## COMPLEX CONIC HORNS: Naturally Superior Design



Renkus-Heinz innovation takes many forms. None is as well known or widely respected as our Complex Conic horns. Their unique design is based on the spherical expansion of the acoustic pressure wave, so they don't distort sound while controlling it the way ordinary horns can.

The Complex Conic flare changes smoothly from a narrow diffraction slot, through an oval expansion, to a circular mouth. There's no "pattern flip" at the low end of the range, or "feathering" at the high end – just smooth and consistent pattern control. Complex Conic Horns work better than ordinary horns, and they sound more natural too with lower distortion and minimal coloration.

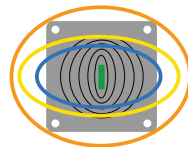
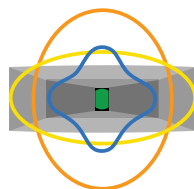


Constant Directivity Horn

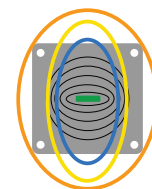
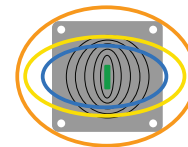
Complex Conic Horn

Standard Coverage

With Horn Rotated 90



Coverage Patterns



Low High

Low High

