

# PF15+ MKII90 / PF15+ MKII60

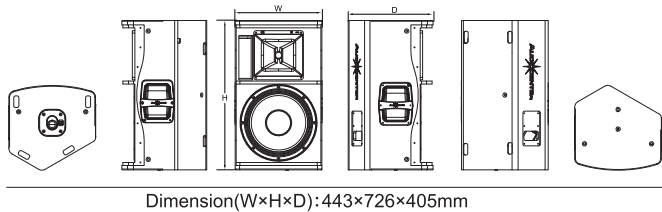
PF15+ MKII90 / PF15+ MKII60 is a passive crossover full range speaker. It is widely used in fixed installation and touring performance place such as bar, nightclub, multi-functional hall, museum, house of worship, commercial announcements, lecture, wedding, etc.

PF15+ MKII90 / PF15+ MKII60 adopts customized HF driver with 2.84" voice coil, composite membrane made of aeronautical material and unique driver protection circuit, and customized 15" LF driver with 3" voice coil. The vibrating diaphragm adds with special formula material, which increases LF Mechanical control ability. The drivers are with advanced cooling system.

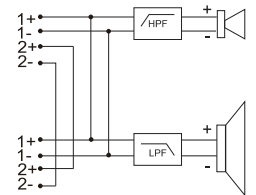
HF horn is made of DMF composite material to ensure very warm and dynamic sound. The waveguide system provides coverage angle and the angle is 90° rotatable. This ensures accurate coverage no matter in vertical or horizontal direction.

15 years experienced Smart crossover technology, American ERSE MET audio capacitor, iron-core inductor, customized metal resistor and manually soldered fiber board ensure stability and consistency and zero consumption, even with very high dynamic sound pressure.

The cabinet is made of CNC made Russian birch plywood, and is tongue and groove assembly. Open-molded customized handle made of aluminum conforms to ergonomics.



Dimension(W×H×D): 443×726×405mm



## FEATURES

- Customized driver
- American EASE MET audio capacitor with stable quality, reliable performance
- Manually soldered fiber board to ensure zero consumption even in very high dynamic
- Unique driver protection circuit and high-efficient cooling system of the driver
- DMF composite material HF horn design, coverage angle 90° rotatable
- Solid CNC cabinet made of original Russian birch plywood, exquisite outlook and waterproof enclosure
- Tongue and groove assembly, compact and seamless CNC cabinet design ensures low resonance



## SYSTEM CONFIGURATION

- PRO series amplifier
- EA5 series subwoofer

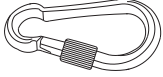
## SPECIFICATION

|  |  |
|--|--|
| <b>Type</b>  | Passive crossover full range speaker   |
| <b>Frequency Response</b><br>(-6dB anechoic chamber) | 52Hz-20KHz   |
| <b>Rated Power (AES)</b>                             | 500W   |
| <b>Maximum Calculated SPL/1M</b> (Continuous/Peak)   | 127dB/133dB  |
| <b>PF15+MKII90 Coverage Angle</b> (Symmetrical)      | 90°×40°  |
| <b>PF15+MKII60 Coverage Angle</b> (Symmetrical)      | 60°×40°  |
| <b>LF Driver</b>                                     | Customized driver, 3" voice coil, 500W(AES)  |
| <b>HF Driver</b>                                     | Customized driver, 1.4" exit, 2.84" voice coil, 70W(AES)   |
| <b>Crossover Point</b>                               | 1500Hz   |
| <b>Impedance</b>                                     | 8Ω(+1, -1)   |
| <b>1 Way Amplifier</b>                               | 2pcs maximum, 4Ω   |
| <b>Hanging Hardwares</b>                             | M8 screw   |
| <b>Pole Mount</b>                                    | Base hole φ35mm (10°, 0°adjustable)  |
| <b>Input Connectors</b>                              | 2×Speaker connector  |
| <b>Cabinet Material</b>                              | Russian birch plywood CNC made   |
| <b>Cabinet Color</b>                                 | Black is standard and default color. Consult with Audiocenter sales team for other customized colors |
| <b>Dimension (W×H×D)</b>                             | 443x726x405mm  |
| <b>Net Weight</b>                                    | 33.0Kg   |

## ACCESSORIES



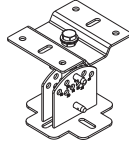
**M8 eyebolt**  
Bearing 200KG



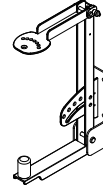
**M8 safety bracket**  
Bearing 130KG



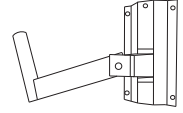
**Φ3 steel wire**  
The wire is 3mm diameter, 1M long with wire ear and wire jacket, bearing 60KG



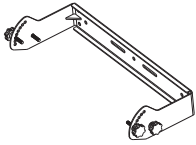
**Single point hanging frame**  
(PF8\*MKII & PF10\*MKII90/PF10\*MKII60 & PF12\*MKII90/PF12\*MKII60)  
Bearing 80KG



**Wall mounting frame**(PF8\*MKII)  
Bearing 40KG



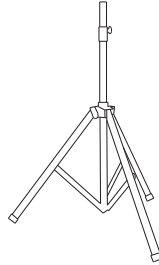
**Flexible wall mounting frame**  
(PF8\*MKII & PF10\*MKII90/PF10\*MKII60 & PF12\*MKII90/PF12\*MKII60)  
Bearing 40KG



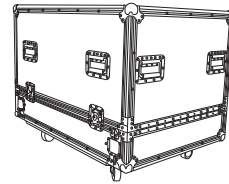
**Horizontal U bracket**  
(PF10\*MKII90/PF10\*MKII60 & PF12\*MKII90/PF12\*MKII60 & PF15\*MKII90/PF15\*MKII60)  
Bearing 60KG



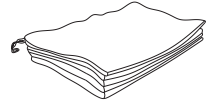
**Coupling bar**  
Bearing 50KG



**Three-foot stand**  
Bearing 80KG



**Flightcase**(customized)  
For 2 cabinets, with 100mm wheels



**Rain bag**(customized)

## INSTALLATIONS

