



Dynamic Audio Solutions

PF⁺MKII Series

**MULTI PURPOSE COMPACT
FULL RANGE SPEAKER**

**HIGH PERFORMANCE
SUBWOOFER**

QUICK START MANUAL

Welcome into the world of AUDIOCENTER , a world of Dynamic Audio Solutions. By acquiring a PF*MKII series speaker, you will enjoy a product embedded with the last technological achievement and the best materials in pro audio. Many years of effort were put to reach our goal of excellence, creating a system without any quality or compromise for real professional people. We hope you will be pleased to use your new speaker like we are pleased to design it.

SAFETY PRECAUTIONS

*When setting up, installing and using the PF*MKII series speaker system, there are a number of important safety precautions that you should follow:*

- 1 Some aspects of rigging are potentially hazardous. Any people using this equipment are personally responsible for their own safety. AUDIOCENTER transactions are made with the assumption that the purchaser is a qualified individual or will have only qualified individuals perform work with the equipment.*
- 2 We strongly recommend that suspended speakers take into account all current national, federal, state and local regulations. It is the responsibility of the installer to ensure that, speakers are safely installed in accordance with all such regulations.*
- 3 If any sign of weakness or damage is detected, remedial action should be taken immediately.*
- 4 When speakers are used for portable applications in which they will be positioned directly on the floor, make sure that the floor or stage is solid and secure. Do not try to make the stand "taller" and compromise its structural integrity.*
- 5 Do not attempt to suspend more than one speaker on a stand designed for a single speaker.*
- 6 Route cables and position the stand so that performers, production crew and audience members will not trip over the stand or cables and pull the speaker system over. Secure cables with wire ties or tap whenever possible.*
- 7 Do not place loudspeakers near the magnetic sensitivity devices such as CRT display, television monitors or data storage material.*
- 8 Loudspeakers are capable of generating sound pressure levels sufficient to cause permanent hearing damage to anyone within normal coverage distance. Caution should be taken to avoid prolonged exposure to sound pressure levels exceeding 105dB SPL.*
- 9 To obtain service, contact your nearest AUDIOCENTER Service Center or Dealer.*

PREVENTING LOUDSPEAKER DAMAGE

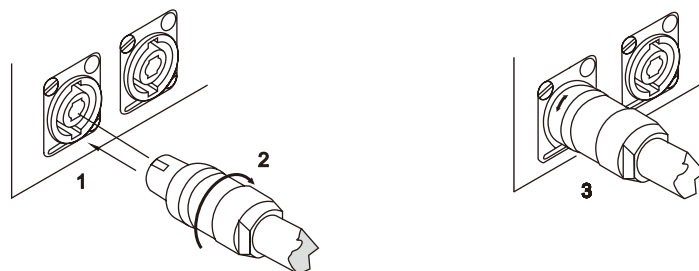
In general, the more powerful the amplifier the better it will sound, provided that it is not driven into sustained clipping. It should be understood that over driving an insufficiently powered amplifier is more likely to cause loudspeaker damage. The total energy in a heavily clipped signal is far higher than in an unclipped signal- than operating a more powerful amplifier within its ratings.

For long time working, it's very important to use a processor connected before the amplifier, calculate accurately the Numerical value of the limiter about the system, which will be set into the processor.

if you don't have value of the limiter, please contact us. We look forward to helping you!

CONNECTING GUIDANCE

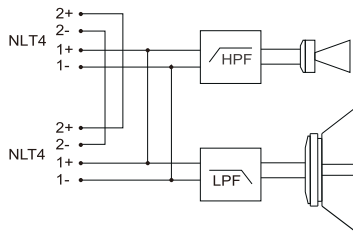
*PF*MKII series uses two NEUTRIK NL4MP SPEAKON connectors. These connectors are specifically designed for loud speaker use, with in mind safe and reliable connection. To use your loudspeaker, insert the male SPEAKON connector into any of the input SPEAKON socket and rotate it clockwise. It will then lock into place and be ready for use. The two parallel connectors allow easy loop from one speaker to the next. Unused connector pins are also paralleled. Both connectors can be used as either inputs or outputs.*



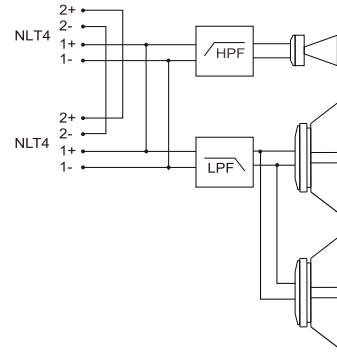
WIRING AND CONNECTING

To ensure quality sound and minimum power loss, the speaker cable needs to have a large enough cross section depending on the cable length, number of speakers per channel and speaker impedance. The total impedance for a number of speakers in parallel is equal to the impedance of one divided by the number of speakers.

WIRING SCHEMATIC



PF6+MKII/PF8+MKII/PF10+MKII/PF12+MKII/
PF15+MKII



PF26 + MKII



PF6+MKII



PF8+MKII



PF10+MKII



PF12+MKII



PF15+MKII



PF26+MKII

■ PF+ MKII Series Specifications

Specifications		PF6 + MKII	PF26+ MKII	PF8 + MKII	PF10+ MKII	PF12+ MKII	PF15+ MKII
Power (ACE test standard)	Continuous	120W	240W	200W	250W	400W	500W
	Program	240W	480W	400W	500W	800W	1000W
	Peak	480W	960W	800W	1000W	1600W	2000W
Impedance		8Ω	4Ω	8Ω			
Frequency Response (-6dB,anechoic chamber)		63Hz-20KHz		60Hz-20KHz	56Hz-20KHz	53Hz-20KHz	52Hz-20KHz
Directivity -6dB (H°xV°)		80° x 70°			90°x40°/60°x40°optional		
Average Sensitivity		91dB/1W/1M	94dB/1W/1M	94dB/1W/1M	96dB/1W/1M	97dB/1W/1M	99dB/1W/1M
Maximum Calculated SPL/1M	Continuous	112dB	118dB	117dB	120dB	123dB	126dB
	Program	115dB	121dB	120dB	123dB	126dB	129dB
	Peak	118dB	124dB	123dB	126dB	129dB	132dB
Driver	HF	Customized Beyma HF driver , ferrite,1" exit , 1.75" voice coil					
	LF	Customized Fatai ferrite drivers, 1.26" voice coil	Customized Beyma ferrite drivers, 2" voice coil	Customized Beyma LF driver , ferrite, 2.5" voice coil	Customized Beyma ferrite driver , ferrite, 2.84" voice coil,1.4" exit,		
Crossover		2200Hz	2000Hz	1300Hz	1400Hz	1450Hz	
Crossover Mode		Passive crossover					
Hanging Hardwares		7 pcs M8 screw points			13pcs M8 screw points	11 pcs M8 screw points	9 pcs M8 screw points
Pole Mount		Base hole Φ 35mm			0°and 10° , 1 base holes Φ35mm at the bottom		
Cabinet		CNC made tongue and groove cabinet design made by Russian birch plywood					
Finish		Emery spraying					
Connectors		2×NEUTRIK® Speakon NL4MP					
Optional Accessories		Flight case with 100mm wheels / Durable protection cover / M8 eyebolt / Safety bracket / Stainless steel shackle / Adjustable wall mount bracket / U bracket					
Dimensions(W×H×D)		200x379x215mm	200x551x215mm	256x424x274mm	300x568x310mm	355x611x347mm	443x726x427mm
Net Weight		6.7Kg	10Kg	10.5Kg	18.2Kg	26.0Kg	37.5Kg
Technical Support & After-sales Service		Global application support team, EASE GLL files					