

MDIII F
12" Phase Plug + 2 x 1" 3/4 V.C.
 800 Watts - 8 Ω



MD215HLF
Bass reinforcement 2 x 15". Horn Loaded.
 2.000 Watts - 4 Ω

MD5

*An Entirely
 Processed
 System for
 High Dynamic
 Performance.*

*3 way.
 Bi-amplified.*

*Configuration
 (per channel):
 1 DPU Amplifier
 + 1 MDIII F
 + 1 MD215HLF,
 or
 1 DPU Amplifier
 + 1 MDIII F
 + 1 MD218 F.*



MASTER[®]
 Dynamic Power Series

An Entirely Processed System for High Dynamic Performance.

3 way. Bi-amplified.

Configuration (per channel):

1 DPU Amplifier + 1 MD III F + 1 MD 215 HLF, or
1 DPU Amplifier + 1 MD III F + 1 MD 218 F.

General Features:

- MD 111 F: Horn loaded system with a controlled dispersion phase corrector and high SPL performance. Ideal for the sound installation of large areas at Discotheques and Live Music. Due to its exponential configuration plus phase corrector for the reproduction of the band of

medium/high, it presents an excellent SPL performance (105dB/1W/1m), besides a transparency in the frequency response optimizing its intelligibility at a long distance.

- MD 215 HLF: Bass reinforcement 2x15" Reflex horn loaded

MD5

- MD 218 F: Bass reinforcement in Bass-Reflex configuration (2x18").

All models include finishings with fiberglass coating and accessories for their application in Live music (*).

Technical Features:

- The exclusive TPC (Thermal Power Control) self-control device enables a full performance with absolute control over wave deformations, the main cause of the great majority of faults in conventional acoustic systems.

The outstanding efficiency of the TPC device, interactive between each of the transducers of the loudspeaker system and the Anti-Clip Limiter circuit of the amplifier, allows the achievement of the best performance

of all the components with a maximum reliability.

- One DPU power unit allows the feeding of one or two MD 111 plus one MD 215 (or MD 218) per channel. The DPUs for this specific configuration require the inclusion of a Processing Card (Dynamic Power Module) DPM 111 in channel B and DPM 215 in channel A, in order to optimize the response coming from each way (active equalization), to control their

maximum performance with full efficiency (TPC-Sense) and to maintain all their parameters within the maximum safety area (Limiter). Furthermore, now it is possible to control, with full efficiency, the phase response (0°-360°) for each system and installation (Phase Alignment).

- The MD Systems are fully affordable if all its high technological offer is valued and compared to other systems of its level.

Recommended Configurations:

Basic Configuration per channel:

1 MD III + 1 MD 215 (or MD 218)
+ 1 DPU 3K6

Standard Configuration per channel:

2 MD III + 1 MD 215 (or MD 218)
+ 1 DPU 3K6

Complete Config. for Disco application:

4 MD III + 2 MD 215 + 2 MD 218
+ 3 DPU 3K6

Features

- Power: 2.800W in mus. Prog. (IHF)
- SPL Perf.: 105dB 1W/1m
(134dB Prog/137dB Peak
-TPC activated-)
- Coverage: In High band: 60°x40°
In Low Band: Omni.

Features

- Power: 3.600W in mus. Prog. (IHF)
- SPL Perf.: 105dB 1W/1m
(134dB Prog/137dB Peak
-TPC activated-)
- Coverage: In High band: 120°x40°
(in cluster).
In Low Band: Omni.

Features

- Power: 10.800W in mus. Prog. (IHF)
- SPL Perf.: 130dB Prog/133dB Peak
-TPC activated- (at the
central point at 5m)

The Performance may vary according to the specific characteristics of each hall.

Specifications	MD III F	MD 215 HLF	MD 218 F
Configuration	2 way Passive Phase Plug	Horn Loaded Exponential+Direct Rad.	Bass-Reflex
Components			
Woofer	1x12"	2x15"	2x18"
Driver	2x1" 3/4 V.C.	—	—
Directivity	60° x 40° C.D.	omni	omni
Power capacity			
Program	800 W	2.000 W	2.400 W
Peak	1.600 W	4.000 W	4.800 W
Freq. Response (+/-3dB)	135Hz - 18KHz	40Hz - 350Hz	35Hz - 350Hz
Sensitivity			
S.P.L. (1W/1m)	105dB	103dB	101dB
Program / Peak	134 / 137dB	136 / 139dB	135 / 138dB
Nominal Impedance	8Ω	4Ω	4Ω
Processing Card (DPM)	111	215	218
Connections	2 x Speakon NL4	1 x Speakon NL4	1 x Speakon NL4
Dimensions (H x W x D mm)	780 / 500 / 665	1.000 / 740 / 800	1.210 / 620 / 820
Weight	60 Kgrs.	85 Kgrs.	75 Kgrs.
Finishes		Waterproof plywood	
Accessories (*)	1 - 2 - 3	1 - 2 - 5	1 - 2 - 7
Rigging System	8 points	—	—

(*) 1- Polyester recovered. 2- Handles. 3- Suspension base element for M14. 4- Base Rigging Aircraft. 5- Base-support for extractable wheels. 6- Top Hat. 7- 2 wheels fixed. 8- Nylon cover.

Features subject to modification without prior notice.



AMATE
electroacústica, s.l.

Pol. Ind. Norte • Perpinyà, 25 • 08226 TERRASSA (Barcelona - Spain)

Tel. 34 937356565 • Fax 34 937356048

E-mail: amate@cecot.es • www.master-audio.com

MASTER
Dynamic Power Series