

# Low Profile Monitor - digitally powered **M 1 dp**



Ultra flat stage monitor fitted with light-weight coaxial 12" / 1.4" Neodym drivers and an integrated digital amplifier electronics with a DSP controller featuring four presets to suit various applications. With high power reserves, homogeneous sound distribution and low tendency to feedback, the M 1 is a tool that will greatly simplify a sound engineer's job. Combined with the optional flying bracket, the system can also be used both as a down-fill and as a universal sound system.

## PRODUCT SPECIFICATIONS

<b>Speaker Components</b>	12" Nd / 1.4" Nd Coaxial
<b>Description</b>	Low Profile Monitor
<b>Amp Power</b>	LF: 1000 W AES / 110-230 V HF: 350 W AES / 110-230 V
<b>Rated Current</b>	0,85 A @ 230 V
<b>SPL</b> <small>Peak @ 1 m</small>	133 dB
<b>Max. Input Signal</b>	25 dBu
<b>DSP</b>	HDLM FPGA Processing 32 bit floating point
<b>AD / DA</b>	24 bit / 96 kHz
<b>Latency</b>	0,8 ms (analog in to analog out)
<b>Usable Range</b>	80 Hz - 19 kHz (- 6 dB)
<b>Tuning Frequency</b> <small>excursion minimum</small>	90 Hz
<b>X - Overpoint</b> <small>acoustical</small>	Depends on preset
<b>Coverage</b> <small>horizontal / vertical</small>	60° - conical
<b>Connectors</b>	Neutrik XLR in/out Neutrik PowerCon in/out
<b>Handles</b>	2 x
<b>Rigging / Fittings</b>	2 x M10
<b>Weight</b>	17 kg
<b>Size</b> <small>height x width x depth</small>	27,4 x 40,0 x 47,0 cm
<b>Order No.</b>	01068/dp



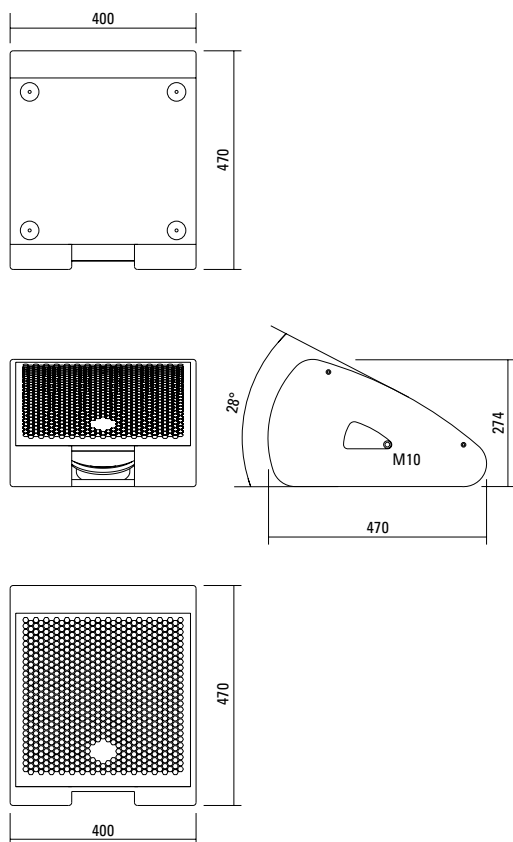
The attractively formed handle cutouts guarantee comfortable handling.



The connectors are good face accessible to the user.

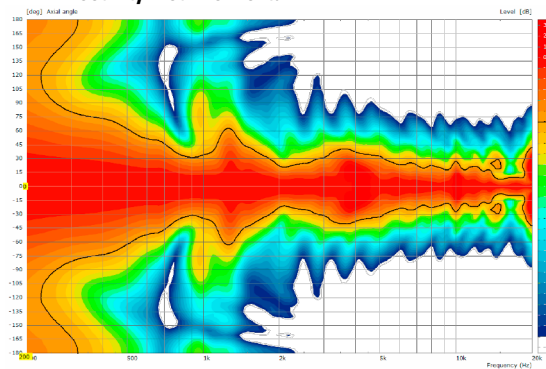


## DIMENSIONS

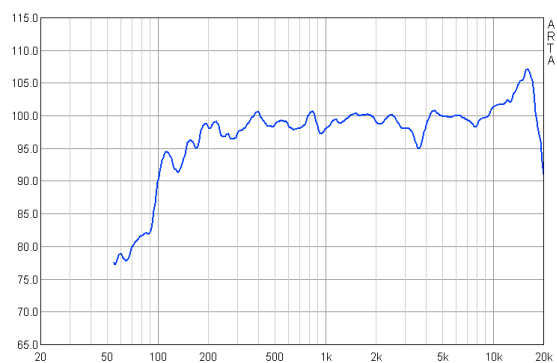


## MEASUREMENT

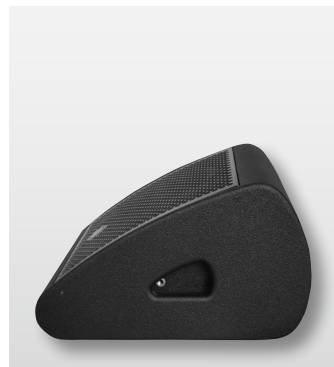
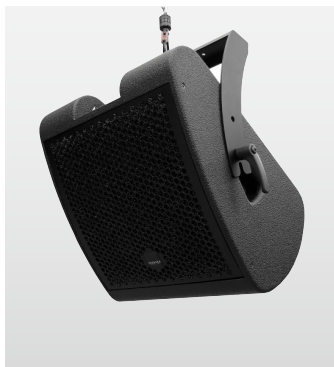
2D Directivity Plot - horizontal



Frequency Response



## APPLICATIONS

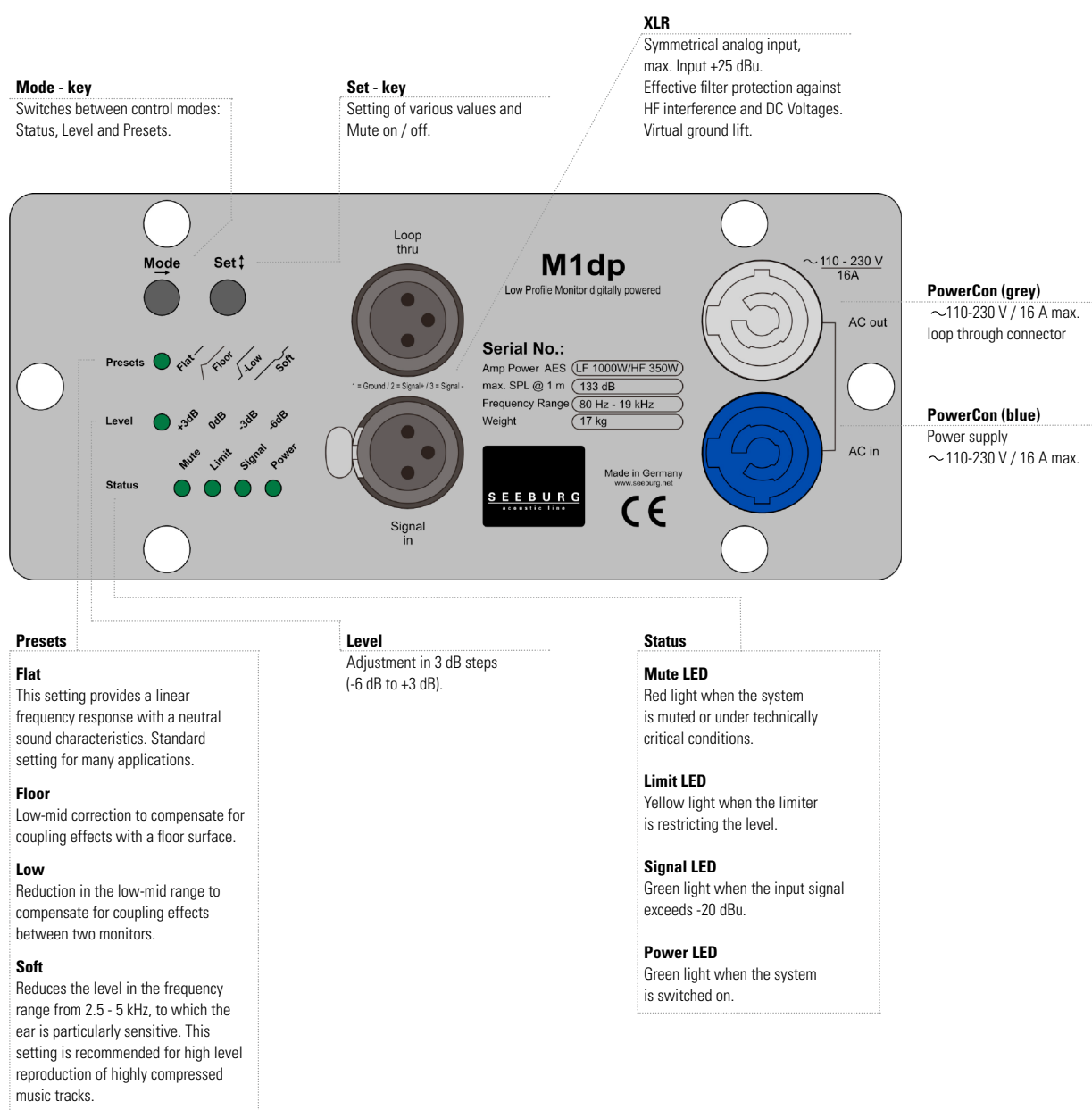


**The M 1 dp features integrated digital amplifier electronics with a DSP controller. Various factory-configured presets and volume settings can be selected.**

High-grade electronic components from the industrial sector

and a first-class circuit design ensure excellent audio quality with low distortion and a minimal noise floor.

Highly efficient and "intelligent" limiter systems ensure optimum protection against overload, without restricting the possibilities offered by this high-performance sound system.



## ACCESSORIES M 1 dp

### Flying Bracket



for M 1  
incl. screws  
(per unit: 2 pcs. M10 x 60 adjustable  
handle screws)  
Order No. **01202**

### Handle Screw



for flying brackets, adjustable  
M10 x 60  
Order No. **08375/60**

### Knurled Head Nut



reduction screw for fastening  
M10 Pole Mount Adapter (08126)  
Order No. **73755**

### Pole Mount Adapter



35 mm  $\varnothing$  → M10 x 16 mm,  
M8 x 20 star knob screw  
Order No. **08126**

### Quick Trigger Clamp



max. load 100 kg  
Order No. **01223/100 kg**

### Quick Trigger Clamp - small



M10, max. load 20 kg  
Order No. **01223/20 kg**

### Ring Screw



M10– DIN 580  
Order No. **73700** (zincd)  
Order No. **73700/sw** (black zincd)

### TV Spigot



10 mm internal thread,  
28 mm  $\varnothing$   
Order No. **08128**

### Steel Safety



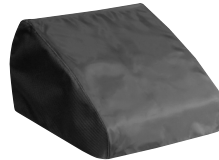
6 mm x 600 mm, black,  
max. load 22 kg (BGI 810-3),  
quick connector undetachably  
Order No. **01376/6**

### Chain Fastener



VBS 7 mm  
Order No. **01378**

### Rain Cover



for M 1  
Order No. **01228/outdoor**

### Flight Case



for 2 pcs. M 1,  
heavy duty, 9 mm birch multiplex,  
PVC coated, hinged lid, 6 x recessed  
sprung handles, 2 x butterfly catches,  
4 x 100 mm blue wheels, 2 pcs. with  
brake, stackable, interior lined with felt  
Order No. **16015/pro**

### Hybrid Cable System



PowerCon-PowerCon / XLR-XLR  
2,5 m Order No. **08462**  
5 m Order No. **08464**  
10 m Order No. **08466**  
15 m Order No. **08468**