

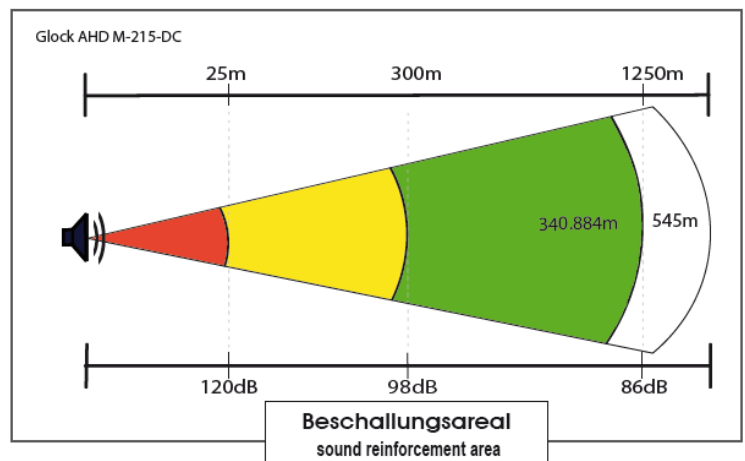
# M-215X

## Acoustic Hailing Device

New generation of emitter/transducer with revolutionary results. The powered base module generates a common wavefront and is arrayable in both vertical and horizontal planes without losses due to phase cancellation. High Performance Emitter for the intelligible reproduction of speech over very long distances >2000+ metres @ 86 dB. The AHD M-215 Series loudspeaker system is an active unit driven by an internal amplifier controller.



**ACOUSTIC HIGH  
POWER DIRECTIONAL  
LOUDSPEAKER**



### BASIC CHARACTERISTICS:

- 152 dB sound level Peak
- AP-LOCK TM safety feature
- 25° x 25° @ 1 KHz dispersion
- Clear voice at 1500 meters with 90 dB
- Excellent speech intelligibility
- Designed for mobile applications
- Uniform wavefront
- Unobtrusive and natural sound experience
- Suitable for use in high humidity conditions
- Tolerates extreme temperature fluctuations
- Excellent sound quality, especially over long distances

### SPECIFICATIONS:

<b>Freq. range:</b>	250 Hz to 8 KHz $\pm$ 10 dB
<b>SPL Peak*:</b>	152 dB (1m)
<b>SPL RMS*:</b>	150 dB (1m)
<b>Coverage:</b>	nominal 25° x 25° (hor. x vert.)
<b>Power cons.:</b>	180 W
<b>DC/AC:</b>	12-48 VDC or 90-260 VAC
<b>Dimensions:</b>	483 x 245 x 300 mm
<b>Weight:</b>	12,1 Kg
<b>Temp. resistance:</b>	-30° C to +70° C

\* This calculation is based on a realistic calculation taking into account the following physical principles: Level with air attenuation at 1 KHz, 20°C, 50% humidity and wind speed 2 m/sec.

## USE-CASES:

- High-throughput sound reinforcement at extremely high ambient noise levels
- Sound reinforcement with ranges up to 2 KM
- Management or prevention of unrest
- Evacuations from endangered areas
- Psychological and de-escalating influence (NLW)
- Scaring away up to 100 meters with 110 dB(A)
- Public announcements
- Improve the coordinations
- Achieve precise response of the target groups

## REVERSE VIEW M-215-X WITH MP-900



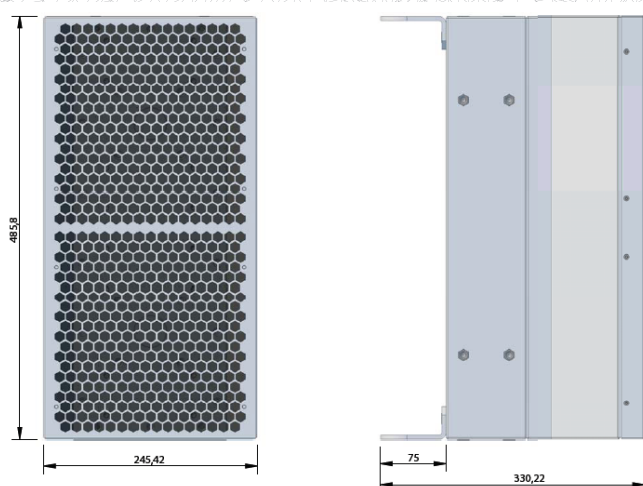
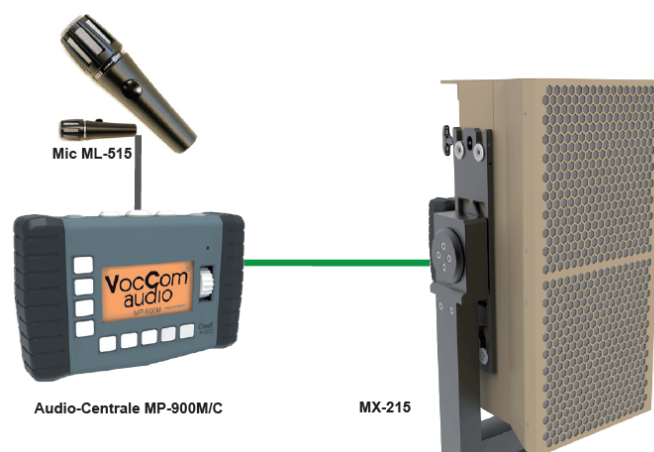
## OPTIONS:

- MP-900 remote controller
- Microphone ML-515R / ML-577R
- Cable set - Car System M-215/AP/MP
- Rooftop mounting set - rotating HS/M-Serie
- PR-900 Black-Box-Protocol Recorder
- Marine weather resistant version available
- Loudspeaker scaling without acoustic losses

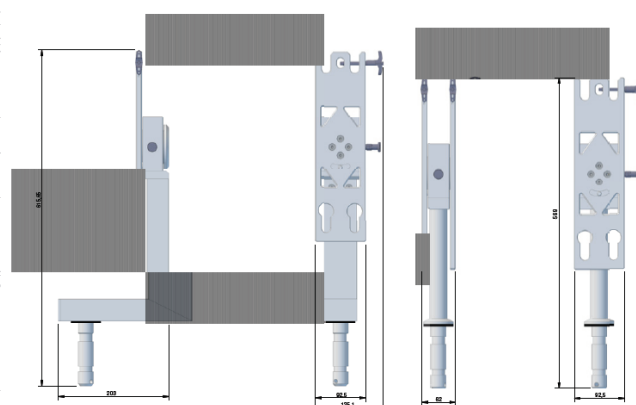
## ADVANTAGES:

- Large area sound coverage
- Superior target accuracy
- Highest penetration
- Integrated software to optimize speech intelligibility
- Unique modular conception (stackable) without acoustic losses
- Protection class IP 65
- Optional with seawater protection

## BLOCK DIAGRAM M-215X WITH MP-900



↑pic. DIMENSIONS M-215X



Quick mount for tripods and Monopole