

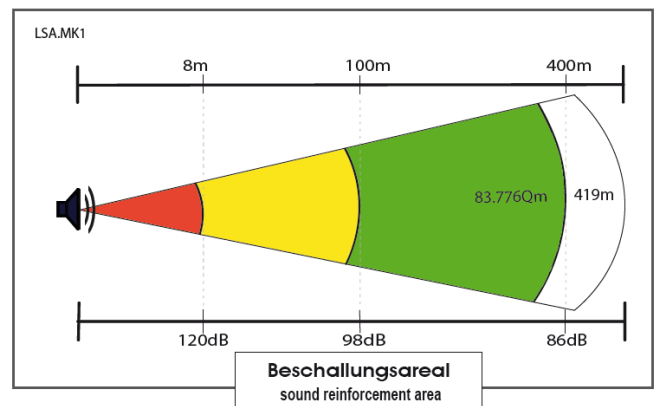
# LSA-X-MK1

## Small size acoustic hailing manpack

The LSA-X-MK1 is a high performance loudspeaker system constructed in an ultra-compact and lightweight format. Excellent speech intelligibility at distances of 500 to 1000 metres. One of the most powerful systems available world-wide in its size.



**BATTERY POWERED  
HIGH PERFORMANCE  
LOUDSPEAKER SYSTEM**



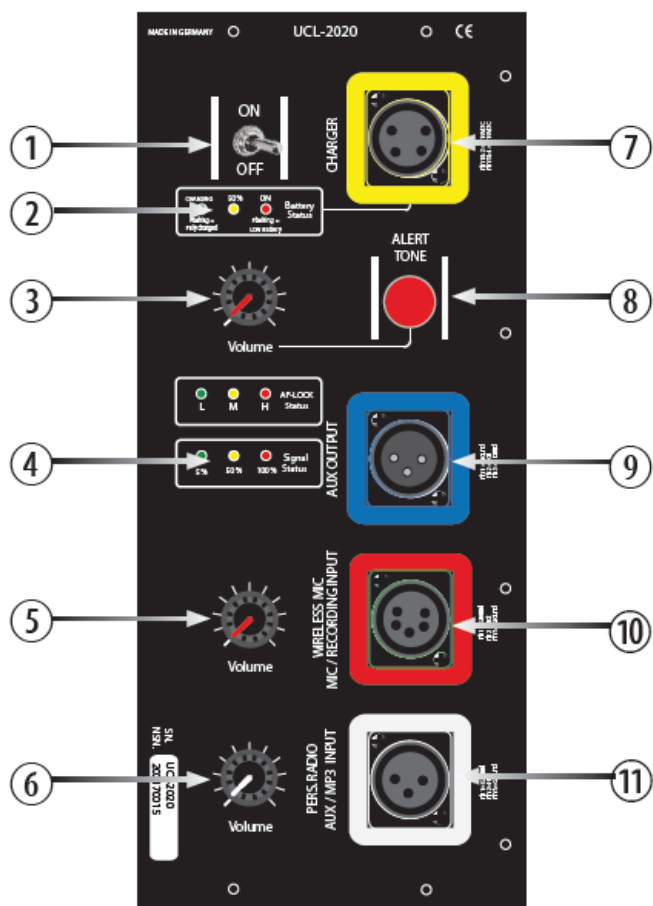
### BASIC CHARACTERISTICS:

- 138 dB sound level Peak
- AP-LOCK TM safety feature,
- 60° x 40° dispersion
- Frequency response 280 hz to 10 Khz
- Light weight < 6,9 kg (without carry bag)
- Extended operation (6 to 24 h)
- Extended standby capability (60 to 120 h)
- Weather resistant - suitable for high humidity and extreme temperature fluctuations.
- Proven military record, rugged construction
- Easy to use & scaleable

### SPECIFICATIONS:

<b>Freq. range:</b>	300 Hz to 8 KHz ± 10 dB
<b>SPL Peak*:</b>	138 dB (1m)
<b>SPL RMS*:</b>	134 dB (1m)
<b>Coverage:</b>	60° x 35° (hor. x vert.)
<b>Power cons.:</b>	2 x 35 W
<b>DC:</b>	12 V DC / Li-rechargeable
<b>Dimensions:</b>	290 x 290 x 300 mm
<b>Weight:</b>	7,2 Kg (with backpack)
<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.



- ① ON / OFF Switch • ② ON / OFF Indicator / Bat.-Status •  
 ③ Siren/Alarm Volume • ④ Signal / Output Status • ⑤ Personal  
 Radio/Mic-AdHoc-Recording Volume • ⑥ External Wireless/Aux/  
 MP3 Volume •  
 ⑦ Charger Input • ⑧ Signal/Alarm Button • ⑨ Aux/Daisy Chain  
 Output • ⑩ Wireless Mic / Mic Input • ⑪ Pers. Radio / Aux /  
 MP3 Input •

## OPTIONS:

- MP-900 remote controller / RC-100 RIB
- Microphone ML-515R / Sennheiser 5 pol.
- CAR120 DC - car charger
- Rooftop mount. set LSA-X-Serie with suction cups
- TSC-160 - Ultracomp. Carbon Stand 1,6m/1,54 Kg
- SS-450B - Aluminium Stand (tripod) - 1,93m/2,34 Kg
- MP-3 Cable set (3,5 mm to 5 pol. XLR)
- Case for LSA-X
- Marine weather resistant version available
- Different backpack versions available
- Loudspeaker scaling (only LSA-X-MK1)

## USE-CASES:

- Support of logistics and operations management
- Sound reinforcement of large areas
- Civil unrest
- Large scale fires
- Hostage situations
- Rescue and search operations
- Evacuation from dangerous terrain
- Public speaking/announcements
- Psychological warfare
- Securing a flight zone
- Training over large areas

## BLOCK DIAGRAM - LSA-X WITH CABLE MP-900R / ML515R OR WIRELESS



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