Public Address Speakers

KAS SERIES

Ultrak offers a wide selection of speakers which can be used in a variety of applications. From projection speakers to column speakers to ceiling, horn and cabinet speakers, we have it all

As with other Ultrak product lines, reliability, performance and quality are key features of our speakers

All our speakers are backed by a 3-year limited warranty

- **Comprehensive line of speakers :**
  - **— Projection speakers**
  - **— Column speakers**
  - **— Reflex horn speakers**
  - **— Ceiling speakers**
  - **— Cabinet speakers**
  - **— Sphere speakers**
- **UL and CSA listed**
- **3- year limited warranty**

Public Address Speakers

TECHNICAL SPECIFICATIONS

Projection Speakers

KAS2110MSC/KAS2120MSC/KAS2130MSC/KAS2220MSC/KAS2230MSC(Indoor)
KAS2110MLC/KAS2120MLC/KAS2130MLC/KAS2220MLC/KAS2230MLC (Outdoor)

- Splashproof projection speakers IP66 (Outdoor)
- ABS resin enclosure
- Stainless steel hanging bracket for easy installation
- Power taps
  10, 5 or 2.5W (KAS2110MSC, KAS2110MLC)
  20, 15 or 10W (KAS2120MSC, KAS2120MLC, KAS2220MSC, KAS2220MLC)
  30, 15 or 7.5W (KAS2130MSC, KAS2130MLC, KAS2230MSC, KAS2230MLC)
- Ivory color
- Self extinguishing (KAS2220MLC, KAS2230MLC)
- Compact Size 148x196 mm (KAS2130MSC, KAS2130MLC)

KAS2230DLC /KAS2130DLC

- Splashproof projection speaker, suitable for outdoor use
- ABS resin enclosure
- 2- speakers in opposite mounting for bi-directional use
- ideal in train stations, factories, etc
- Stainless steel hanging bracket for easy installation
- Power taps: 30, 20, 15, 10 or 5W
- Ivory color
- IP66
- Self extinguishing
- Compact Size 148x196 mm (KAS2130DLC)

KAS2220ELS

- 20 Watt Vandal-resistant, Weather-resistant Speaker
- Extruded aluminum enclosure
- 6-inch speaker
- Power taps: 20, 15, 10 and 5 Watts
- Sensitivity: 91dB
- IP66

KAS3130MLW

- Reflex horn speaker with high sound pressure level
- Anti-shock construction in ABS resin cabinet
- Provided with a stainless steel hanging bracket for easy installation
- Power taps: 30, 15 or 7.5W
- White color
- IP66
- Sensitivity: 107dB

KAS3230MLC

- Anti-shock construction in ABS resin cabinet
- High sound pressure level
- IP66
- Provided with a stainless steel hanging bracket for easy installation
- Power taps: 30, 15, 7.5 or 4W
- Gray color
- Sensitivity: 109dB

	KAS2110MSC KAS2110MLC	KAS2120MSC KAS2120MLC	KAS2220MSC KAS2220MLC	KAS2130MSC KAS2130MLC KAS2230MSC KAS2230MLC	KAS2230DLC KAS2130DLC	KAS2220ELS	KAS3130MLW	KAS3230MLC
Power (Watt RMS)	10	20	20	30	30	20	30	30
Frequency Response	100-20,000Hz	150-20,000Hz	100-20,000Hz	100-20,000Hz	80-20,000Hz	100-20,000Hz	430-13,000Hz	340-12,000Hz
Sensitivity (1 W/1 m)	91 dB	93 dB	90 dB	93 dB	85 / 96 dB	91 dB	107 dB	109 dB
Woofer	5 in (13cm)	5 in (13cm)	6 in (16cm)	6 in (16cm)	2 x 6 in (2 x 16cm)	6 in (16cm)	—	—
Size	5.3x 8.1 in (135 x 205mm)	7.1x 7.7 in (180 x 195mm)	7.1x 10.6 in (180 x 270mm)	7.1x 10.6 in (180 x 270mm)	7.1x 10.6 in (180 x 270mm)	7.1x 10.6 in (180 x 270mm)	6.8 x 5.1 x 6.2 in (172 x 130 x 158mm)	9.252 x 11.81 in (235x 300mm)
Weight	2.75 lbs (1.25 kg)	4.52 lbs (2.05 kg)	5.8 lbs (2.6 kg)	6.1 lbs (2.75 kg)	6.8 lbs (3.05 kg)	6.8 lbs (3.05 kg)	2.9 lbs (1.3 kg)	5.31 lbs (2.4kg)

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TECHNICAL SPECIFICATIONS

Column Speakers

KAS4410MSC/KAS4420MSC/KAS4430MSC (Indoor)
KAS4410MLC/KAS4420MLC/KAS4430MLC (Outdoor)

- Metal case column speaker
- For vertical mount, to disperse sound evenly and widely over the audience
- Provided with selective power output
  10, 5 or 2.5W (KAS4410MSC, KAS4410MLC)
  20, 10 or 5W (KAS4420MSC, KAS4420MLC)
  30, 15 or 7.5W (KAS4430MSC, KAS4430MLC)
- Wall mounting bracket for easy installation
- KAS4410MSC,KAS4420MSC,KAS4430MSC: ivory color
- KAS4410MSG,KAS4420MSG,KAS4430MSG: grey color
- IP66 (Outdoor)

KAS4040MSB/KAS4060MSB/KAS4100MSB (Indoor)
KAS4040MLB/KAS4060MLB/KAS4100MLB (Outdoor)

- Metal case column speaker
- For vertical mount, to disperse sound evenly and widely over the audience
- Provided with selective power output
  40, 20 or 10W (KAS4040MSB, KAS4040MLB)
  60, 30 or 15W (KAS4060MSB, KAS4060MLB)
  100, 50 or 25W (KAS4100MSB, KAS4100MLB)
- Wall mounting bracket for easy installation
- KAS4040MSB,KAS4060MSB,KAS4100MSB: black color
- KAS4040MSC,KAS4060MSC,KAS4100MSC: ivory color
- KAS4040MSG,KAS4060MSG,KAS4100MSG: grey color
- KAS4040MSB,KAS4060MSB,KAS4100MSB: black color
- KAS4040MSC,KAS4060MSC,KAS4100MSC: ivory color
- KAS4040MSG,KAS4060MSG,KAS4100MSG: grey color
- IP66 (Outdoor)

	KAS4410MSC/MSG KAS4410MLC/MLG	KAS4420MSC/MSG KAS4420MLC/MLG	KAS4430MSC/MSG KAS4430MLC/MLG
Power (Watt RMS)	10	20	30
Frequency Response	100-20,000Hz	100-20,000Hz	100-20,000Hz
Sensitivity (1 W/1 m)	88 dB	89 dB	90 dB
Woofer	1 x 4 in (10cm)	2 x 4 in (2x10cm)	3 x 4 in (3x10cm)
Size	3.5 x 3.3 x 6.6 in (90x 85 x 168mm)	3.5 x 3.3 x 10.5 in (90x 85 x 268mm)	3.5 x 3.3 x 14.4 in (90x 85 x 365mm)
Weight	2.9 lbs (1.3 kg)	3.5 lbs (1.6 kg)	4.52 lbs (2.05 kg)
Directivity	150 x 30°	150 x 30°	150 x 30°

	KAS4040MSB/MSC/MSG KAS4040MLB/MLC/MLG	KAS4060MSB/MSC/MSG KAS4060MLB/MLC/MLG	KAS4100MSB/MSC/MSG KAS4100MLB/MLC/MLG
Power (Watt RMS)	40	60	100
Frequency Response	100-20,000Hz	100-20,000Hz	100-20,000Hz
Sensitivity (1 W/1 m)	95 dB	98 dB	100 dB
Woofer (woofer + tweeter)	2 x 3.5 in (2x9cm)	2 x 4.5 in (2x11.5cm + 2 tweeter)	4 x 4.5 in (4x11.5cm + tweeter)
Size	6.5 x 4.5 x 16.2 in (165x 115 x 410mm)	6.5 x 4.5 x 16.2 in (165x 115 x 410mm)	6.5 x 4.5 x 32.1 in (165x 115 x 815mm)
Weight	6.1 lbs (2.75 kg)	11 lbs (5 kg)	15.4 lbs (7 kg)
Directivity	120 x 40°	120 x 40°	120 x 40°

Public Address Speakers

TECHNICAL SPECIFICATIONS

Cabinet Speakers

KAS5506MSW/KAS5510MSW

- 2-way cabinet speaker
- Carefully designed to satisfy the most critical eye
- ABS molded housing
- Suitable for both speech and music applications
- Power output selector
  6, 3 or 1.5W (KAS5506MSW)
  10, 5 or 2.5W (KAS5510MSW)
- Splash waterproof IPx5 (Optional)
- KAS5506MSC, KAS5510MSC: ivory color

KAS5515MSW/KAS5520MSW

- 2-way cabinet speaker
- Carefully designed to satisfy the most critical eye
- ABS molded housing
- Suitable for both speech and music applications
- Power output selector
  15, 7.5 or 3.75W (KAS5515MSW)
  (20, 10 or 5W (KAS5520MSW)
- Splash waterproof IPx5 (Optional)
- KAS5515MSC, KAS5520MSC: ivory color

KAS5530MLB/KAS5530MLW

- 2-way wall speaker
- 6" [13cm] speaker and tweeter
- Power output selector on back panel: 30 or 5W and 8 ohm
- Hanging bracket included for easy installation
- KAS5530MLB: black color
- KAS5530MLW: white color
- Swivel mount brackets available
- IP66
- ABS resin enclosure

KAS5415MSB/KAS5415MSW

- Cabinet speaker for internal use
- Power output selector on rear panel: 20, 15, 10, 5 or 2.5W and 8 Ohms
- Stainless steel hanging bracket for easy installation
- KAS5415MSB: black
- KAS5414MSW: white
- Swivel mount brackets available

	KAS5506MSW/KAS5510MSW	KAS5515MSW/KAS5520MSW	KAS5530MLB/MLW	KAS5415MSB/MSW
Power (Watt RMS)	6/10	15/20	30	15
Frequency Response	90-20,000Hz	90-20,000Hz	80-20,000Hz	100-20,000Hz
Sensitivity (1 W/1 m)	90 dB	91 dB	92 dB	88 dB
Woofer (woofer + tweeter)	5 in (13cm + tweeter)	5 in (13cm+ 2 tweeter)	6 in (16cm+ 2 tweeter)	5 in (13cm)
Size	8.6 x 3.3 x 11.2 in (220x 85 x 285mm)	8.6 x 3.3 x 11.2 in (220x 85 x 285mm)	11.8 x 7.1x 8.3 in (300x 180 x 210mm)	8.3 x 5.2 x 4.9 in (210x 132 x 125mm)
Weight	3.5 lbs (1.5 kg)	4.52 lbs (2.05 kg)	6 lbs (7.7 kg)	3.7 lbs (1.65 kg)
Directivity	160°	160°	120°	110°

Public Address Speakers

TECHNICAL SPECIFICATIONS

Ceiling Speakers

KAS1106MDW (6W)

- Ceiling speaker with spring catch system for easy installation
- White metal screen
- 4" speaker
- Spot light size
- Power taps: 6W, 3W, 1.5W, 8ohms
- Sensitivity: 85dB
- Cutting hole: 92mm

KAS1206MDW (6W)

- Ceiling speaker for easy installation with spring catch system
- White metal screen
- For mounting in 7.9" (200mm) holes
- Power output: 6, 3 or 1.5W
- Spring catches eliminate the need to support speaker while connecting wires
- 6" speaker
- Sensitivity: 93dB

KAS1310MDW (10W)

- Ceiling speaker with spring latch system for easy installation
- White metal screen
- For mounting in 230mm holes
- Power taps: 10W, 5W, 2.5W

KAS1406MDW/KAS1410MDW/KAS1420MDW

- New economic series
- For false ceiling installations
- For wall mounted and flush ceiling installations an extra mount KAR3054 can be added
- Different colors are available
- Power taps: 6W, 3W, 1.5W (KAS1406MDW)
- Power taps: 10W, 5W, 2.5W (KAS1410MDW)
- Power taps: 20W, 10W, 5W (KAS1420MDW)

KAS1506RDW/KAS1510RDW

- Recessed mount for false and concrete ceiling
- With spring latch system for easy installation
- Power taps: 6W, 3W, 1.5W (KAS1506RDW)
- Power taps: 10W, 5W, 2.5W (KAS1510RDW)
- KAS1506RDW, KAS1510RDW: white color
- KAS1506RDB, KAS1510RDB: black color
- KAS1506RDC, KAS1510RDC: ivory color

KAR3154

Back can for KAS1206MDW

Dimensions: 230(ø)mm x 127(H)mm, (9 x 5 in)

	KAS1106MDW	KAS1206MDW	KAS1310MDW	KAS1406MDW	KAS1410MDW	KAS1420MDW	KAS1506RDW /KAS1510RDW
Power (Watt RMS)	6	6	10	6	10	20	6/10
Frequency Response	120-20,000Hz	100-20,000Hz	70-20,000Hz	80-20,000Hz	80-20,000Hz	80-20,000Hz	80-20,000Hz
Sensitivity (1 W/1 m)	85 dB	93 dB	92 dB	92 dB	93 dB	93 dB	91 dB
Woofer	4 in (10cm)	6 in (15.3 cm)	10 in (25.4 cm)	6 in (15.3 cm)	6 in (15.3 cm)	6 in (15.3 cm)	3 in (7.6 cm)
Size	4 x 3.75 in (100 x 95.5mm)	9 x 4.3 in (230 x 110mm)	10.6 x 5 in (270 x 127mm)	8.8 in (225 mm)	8.8 in (225 mm)	8.8 in (225 mm)	5.3 x 4.3 in (135 x 110mm)

Public Address Speakers

TECHNICAL SPECIFICATIONS

Sphere Speakers

KAS7212MLWE

- Designed to be suspended from a ceiling by their 5 meter connecting cable
- High impact ABS cabinets, white color
- Splash water proofed IPX5
- Self extinguishing

KAS7230MLW

- Designed to be suspended from a ceiling by their 5 meter connecting cable
- High impact ABS cabinets, white color
- Splash water proofed IPX5
- Self extinguishing

	KAS7212MLWE	KAS7230MLW
Power (Watt RMS)	12	30
Frequency Response	100-20,000Hz	100-20,000Hz
Sensitivity (1 W/1 m)	90 dB	91 dB
Woofer	ø 260mm, (10 in)	ø 260mm, (10 in)
Size	ø 260mm (10.2 in)	ø 260mm (10.2 in)
Weight	1.8 kg	2.25 kg
Power Taps	12W, 9W, 6W, 3W, 1W 8 ohm	30W, 20W, 15W, 10W, 5W 8 ohm

Conversion: 1" = 25.4mm
Measurement conversions are approximate

Design and specifications subject to change without notice.

For USA, Canada, South America, Europe, Africa & Middle East - info@ultrakpa.com

ULTRAKPA Inc:
Astoria, NY 1103, U.S.A
Phone + 1 (914) 210-1483
info@ultrakpa.com

www.ultrakpa.com