



# KRAMER

## KADS-1

Controllable Active Powered Speaker

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The KADS-1 is an active speaker with multi-channel, digital audio and power provided over a single cable. It is designed to be used in conjunction with the KADS-100 controller that can daisy-chain up to ninety-nine speakers. The KADS-1 has a single output that can be connected to either another KADS-1 or a KADS-2 up to 30m away with a total of eight speakers in the chain.

## FEATURES

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- High-Resolution Audio Support.
- Highly Flexible Layout Options - Up to 99 speakers (8 per branch). Additional branches/speakers require an optional power supply for each 8 speakers.
- Control - Via the KADS-100 controller.
- Speaker ID - Set unique ID on each speaker for control from KAD-100 Controller.
- USB - For firmware upgrades.
- Built-in 25 Watt Power Amplifier. - Power via KADS-100 controller for 8 speakers.
- Range - 30m (100') between speakers with a 240m (800') total system range without additional power supplies.

## TECHNICAL SPECIFICATIONS

INPUTS:	1 TP on a 2-pin large terminal block.
OUTPUTS:	1 TP on a 2-pin Molex connector.
PORTS:	1 bidirectional RS-232 serial port on a 3-pin terminal block (for use of Kramer service personnel only), 1 USB for firmware upgrades.
POWER OUTPUT:	25W.
AUDIO BANDWIDTH:	75 to 20kHz @-3dB.
S/N RATIO:	84dB unweighted.
TOTAL GAIN:	-80dB to +24dB.
RS-232 BAUD RATE:	115200bps, full-duplex.
POWER CONSUMPTION:	24V DC, 1.2A.
TRANSMISSION DISTANCE:	8 speakers each up to 30m (100ft) apart.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	18.3cm x 17.2cm x 24.4cm (7.2" x 6.77" x 9.61"), W, D, H.
WEIGHT:	4.7kg (10.36lbs) approx.
SHIPPING WEIGHT:	6.0kg (13.23lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
SAFETY REGULATORY COMPLIANCE:	CE.
EMI/EMC REGULATORY COMPLIANCE:	CE, C-tick, FCC Class A, ICES, KCC, VCCI.
ENVIRONMENTAL REGULATORY COMPLIANCE:	RoHs and WEEE.
INCLUDED ACCESSORIES:	1 ferrite ring PN 2582-000022.
OPTIONS:	Kramer BC-2S 300m cable.

