



## KADS-1

Controllable Active Powered Speaker

| Speakers



The KADS1 is an active speaker with multichannel, digital audio and power provided over a single cable. It is designed to be used in conjunction with the KADS100 controller that can daisychain up to ninety-nine speakers. The KADS1 has a single output that can be connected to either another KADS1 or a KADS2 up to 30m away with a total of eight speakers in the chain

### FEATURES

**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 KADS100 controller

**Speaker ID** - Set unique ID on each speaker for control from KAD100 Controller

**USB** - For firmware upgrades

**Built-in 25 Watt Power Amplifier** - Power via KADS100 controller for 8 speakers

**Range** - 30m (100') between speakers with a 240m (800') total system range without additional power supplies



# KRAMER

## TECHNICAL SPECIFICATIONS

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INPUTS:	1 TP on a 2pin large terminal block
OUTPUTS:	1 TP on a 2pin Molex connector
PORTS:	1 bidirectional RS232 serial port on a 3pin 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, fullduplex
PRODUCT DIMENSION:	18.30cm x 17.20cm x 24.40cm (7.20" x 6.77" x 9.61" ) W, D, H
PRODUCT WEIGHT:	4.7kg (10.4lbs) approx
SHIPPING DIMENSION:	43.00cm x 25.60cm x 30.00cm (16.93" x 10.08" x 11.81" ) W, D, H
SHIPPING WEIGHT:	6.0kg (13.2lbs) approx
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 noncondensing
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
SAFETY REGULATORY COMPLIANCE:	CE
EMI/EMC REGULATORY COMPLIANCE:	CE, Ctick, FCC Class A, ICES, KCC, VCCI
ENVIRONMENTAL REGULATORY COMPLIANCE:	RoHs and WEEE
INCLUDED ACCESSORIES:	1 ferrite ring PN 2582000022
OPTIONS:	Kramer BC2S 300m cable

