KRAMER

KADS-2
Controllable Powered Speaker

The KADS−2 is an active speaker with multi−channel, digital audio, control and power provided over a single cable. Used in conjunction with the KADS−100 controller, up to ninety−nine KADS−2 speakers can be connected in tree and branch configurations. The KADS−2 has two outputs that can be connected to either a KADS−1 or a KADS−2 up to 30m away with a total of sixteen speakers, eight per chain. The KADS−2 also has a power input for extending a chain beyond 30m for a further 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 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:	2 TP on 2−pin Molex connectors.
PORTS:	1 bidirectional RS−232 serial port on a 3 pin terminal block.
BANDWIDTH:	0−20kHz @−3dB.
S/N RATIO:	84dB unweighted.
TND+N:	0.02% unweighted.
TOTAL GAIN:	Analog/analog: 0dB; analog/SPDIF: −12dBFS.
RS-232 BAUD RATE:	115200bps, full−duplex.
POWER AMPLIFIER:	Built−in, 2x25W.
POWER CONSUMPTION:	24V DC 1.5mA.
TRANSMISSION DISTANCE:	Up to 30m (100ft) on a single power supply.
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 16.9cm x 24.4cm (7.2" x 6.65" x 9.61"), W, D, H.
PRODUCT WEIGHT:	2.3kg (5.1lbs) approx.
SHIPPING WEIGHT:	3.7kg (8.1lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
SAFETY REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	Kramer BC−2S 300m cable.