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KADS-100
Master KADS Audio Controller

| Microphone - 3.5/6.5mm | Speakers | Ethernet - RJ-45

The KADS100 (Kramer Audio Distribution System) is a master audio controller for use with multiple, remote, active KADS1 and KADS2 speakers. It features eight unbalanced mono audio inputs, one S/PDIF digital stereo audio input, and one USB connector for massstorage devices. RS232 data and commands flow bidirectionally allowing remote status requests and control of the speakers.

The KADS system runs power and eight audio channels over a single standard speaker cable. It supports up to 99 speakers in a system with equalization and gain control on each speaker

FEATURES

High-Resolution Audio Support

Highly Flexible Layout Options - Supports up to 8 speakers per branch) in a daisy chain. Additional branches (up to 99 speakers) require KADS2 branching speakers with additional power supplies

Eight Logical Audio Channels - Each input can be assigned to one or more KADS speakers

Ten Presets - For storing commonly used configurations

Bidirectional RS-232 - RS232 data and commands flow bidirectionally allowing remote status requests and control of up to eight daisychained KADS1 speakers on a single standard speaker cable

USB - USBA for Mass Storage & USBC Mini for Firmware upgrade

Control - RS232, Ethernet (builtin web server) & IR. Each speaker: Input source, volume, base, midrange plus mic gain/delay

System Range - Up to 30m (100ft) between speakers, total range 240m (800ft). Longer ranges require additional power supplies for KADS2 branching speakers

Built-In Ethernet Web Server

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TECHNICAL SPECIFICATIONS

INPUTS:	1 mic on a 6.5mm phone jack (F), 8 analog stereo audio on RCA connectors, 1 S/PDIF audio on an RCA connector, 1 USB on a USB Type A connector
OUTPUTS:	1 speaker on a 2pin terminal block connector
PORTS:	1 bidirectional RS232 on a 9pin Dsub connector, (for remote serial control or firmware upgrades), 1 prog/upgrade on a mini USB, (for firmware upgrades), 1 Ethernet on an RJ45 TP connector
RS-232:	Baud rate: 115200bps, mode: fullduplex
USB FLASH-DRIVE:	Maximum 1Gb partition formatted as FAT32
MAXIMUM DISTANCE BETWEEN SPEAKERS:	30m (100ft)
POWER CONSUMPTION:	100240V AC, 50/60Hz, 220VA
TRANSMISSION DISTANCE:	Up to 30m (100ft) on a twowire twisted power cable
SUPPORTED WEB BROWSERS:	Windows 7 and higher: IE (32/64 bit) version 10, Firefox version 30, Chrome version 35 MAC: Chrome version 35, Firefox version 27, Safari version 7 Android OS: Chrome version 35 iOS: Chrome version 35, Safari version 7
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	2.4kg (5.2lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
SHIPPING WEIGHT:	3.2kg (7.1lbs) approx
STORAGE TEMPERATURE:	−40° to +70°C (−40° to 158°F)
HUMIDITY:	10% to 90%, RHL noncondensing
COOLING:	Forced air, fan
ENCLOSURE TYPE:	Aluminum
RACK MOUNT:	With included rack "ears"
FURNITURE MOUNT:	With included rubber feet
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
SAFETY REGULATORY COMPLIANCE:	CE
ENVIRONMENTAL REGULATORY COMPLIANCE:	RoHs and WEEE
INCLUDED ACCESSORIES:	Power cord, remote control RCIR3, 1 ferrite ring PN 2582000021