

KEENE PHONO DISTRIBUTION AMPLIFIER

PRODUCT OVERVIEW

The KPDA is a high quality audio/video distribution amplifier, allowing one video and audio source to simultaneously supply up to five other devices. It uses very high quality high bandwidth IC's to ensure that each output is indiscernible from the input, making it ideally suited to driving multiple displays or making multiple copies from one source. There are two audio channels and four video channels, making it suitable for use with component video, RGsB video, RGBs video or 4 x composite video plus audio. Any of the video channels can also be used for digital audio if desired.

INSTRUCTIONS FOR USE

Plug the supplied power adapter into the DC input socket and the power LED will illuminate. Connect the source into the socket(s) shown as input and the outputs into the individual sockets marked as outputs

NOTES

The KPDA is an amplifier only and it will not convert from one video standard to another.

For best results use good quality, correctly graded audio and video cables for every connection.



Technical Specification

Power requirements	By external supply to DC input socket, (2.1mm centre positive) 12-18v DC @ 300mA or greater.
Video	5 buffered video outputs Bandwidth – 50MHz Level - Composite / Luminance 1v pp, Chrominance 0.3v peak to peak. Distortion components < -50db up to 10Mhz Open circuit voltage gain is X2 (unity gain when correctly terminated) Back terminated series 75R outputs for reflection free performance DC coupled on all outputs Slew rate up to 500v/uS
Audio	5 buffered audio outputs Distortion <0.1% Bandwidth 20Hz – 30KHz Output impedance, <1K ohms each output Input impedance >10K ohms Unity gain
Physical	220mm x 104mm x 43mm 780g (exc supply)