

# KAP2082E

## ***PUBLIC ADDRESS UNIVERSAL PRE-AMPLIFIER***



The Universal Pre-Amplifier has 8 inputs which can be used for CD-players, tape recorders, balanced or unbalanced line inputs and microphones, with or without phantom power supplies.

Each input has an RJ11/12 connector for direct connection to any of the ULTRAK KAF remote keyboards/microphones, supplying phantom power for ease of installation.

One mixed output provides additional flexibility.

Direct connection to KAR Expansion units make interfacing to any of the ULTRAK KAR modules a simple task.

All 8 outputs are balanced and connected to a DB25 for direct connection to the ULTRAK KAX1211C Audio Matrix.

A graphic liquid crystal display gives clear feedback on all settings.

A user-friendly menu system allows access to all functions of the pre-amplifier including bass, treble and gain for each individual input.

Remote control of all functions is via a RS485 port.

- **8 Microphone/Line/Tape level inputs**
- **8 Remote keyboard/microphone inputs**
- **Individual tone and volume controls on each input**
- **2 direct connections to expansion modules (KAR1201)**
- **8 Outputs (balanced XLR)**
- **1 Mixed output (balanced XLR)**
- **Direct connection to Audio Matrix KAX1211C**
- **Microphone phantom-supply capability**
- **Front-panel control with display**
- **RS485 Remote control**
- **Supports open protocol**
- **Software configurable**
- **19" Rack mountable**
- **CE approved**



# KAP2082E

## TECHNICAL SPECIFICATIONS

### ELECTRICAL

Power Supply	100 VAC - 240 V 50 Hz / 60Hz
Voltage	24 VDC 20 W 3A SB Fuse
Frequency Response	40 Hz -20 kHz + 0 / -3 dB
Input Sensitivity	Line 0 dB (1V) Line L -20 dB (100mV) Mic L -58 dB (12mV) Mic H -70 dB (1.2mV)
Signal / Noise Ratio	Tape >80 dB Line >70 dB Mic >60 dB
Approved	CE
THD @ 1kHz	<0.1%
Input Gain Control	-50 dB to 0 dB in 1.25 dB steps
Bass Control	-14 dB to +14 dB in 2 dB steps
Treble Control	-14 dB to +14 dB in 2 dB steps
Input Impedance	Line L 22 k $\Omega$ differential Mic L 22 k $\Omega$ unbalanced Mic H 22 k $\Omega$ unbalanced
Common Mode Rejection	>80 dB
Mic Phantom Supply	DC 48V 10mA
Output Nominal Level	0 dBu (XLR connectors)
Output Impedance	600 $\Omega$ differential

### INTERFACE

Audio	6-way RJ Connection, Balanced Input
Communication	RS Input and RS485 Data Communication
Phantom	15 VDC 1 Amp supply (RJ connectors)

### ENVIRONMENT

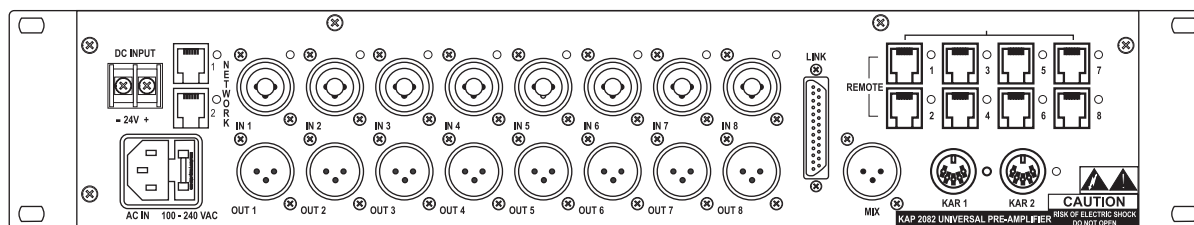
Storage	-20°C to +70°C, -4°F to 158°F
Operation	0°C to +50°C, 32°F to 122°F
Humidity	80% RH to at least +65°C (non condensing)
Altitude	3000 Meter maximum

### MECHANICAL

Storage Temperature	-20°C to +70°C
Operation Temperature	0 to +40°C
Dimensions	483 (W) x 374 (D) x 88 (H) mm 19 (W) x 14.7 (D) x 3.5 (H) inches
Weight	4 kg, 8.8 lbs.



FRONT



BACK



Conversion: 1" = 25.4mm

Measurement conversions are approximate

Design and specifications subject to change without notice.

For USA, Canada, South America, Europe, Africa & Middle East - info@ultrakpa.com

### ULTRAKPA Inc:

Astoria, NY 1103, U.S.A  
Phone + 1 (914) 210-1483  
info@ultrakpa.com



www.ultrakpa.com