

KAP1102BE

PUBLIC ADDRESS PRE- AMPLIFIER



Ultrak's KAP1102BE pre-amplifier forms part of a reliable control system for small and medium sized Public Address (PA) and security installations.

Suited to installation in offices, schools, churches, hospitals, supermarkets, community halls and other similar type operations.

This pre-amplifier has 10 inputs that can be used for CD-players, tape recorders, balanced or unbalanced line inputs and microphones.

Priority assignment is given on channels 1 and 2 and 3.

A four tone chime can be remotely controlled from a microphone console (KAF1410EDC) or from a potential free contact.

Two separate outputs provide additional flexibility. Each input may be assigned to both outputs or only one of them.

This will allow the user to have a 2 zone system with different music sources for each zone.

Both outputs have output level LED's and 2 way tone control.

The external DC input allows the unit to be connected to an auxiliary power source during periods of unexpected power loss.

Direct input for the Ultrak KAF1410, KAF1400 and KAF1100 microphones is also provided for.

- **10 Inputs: 1 bal. PTT mic. (KAF1410)**
 - 5 bal. mic.-line
 - 4 unbal. RCA line
- **Priority on inputs 1, 2 and 3**
- **Microphone announcement (input 1) with priority and remote controlled chime (2 or 4 tones)**
- **2 Outputs (A and B) with 2 way tone control**
- **Routing selection on each input (A or B, A + B)**
- **Tape output recording**

KAP1102BE

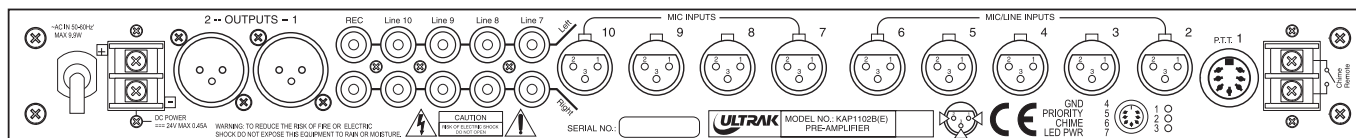
TECHNICAL SPECIFICATIONS

Electrical

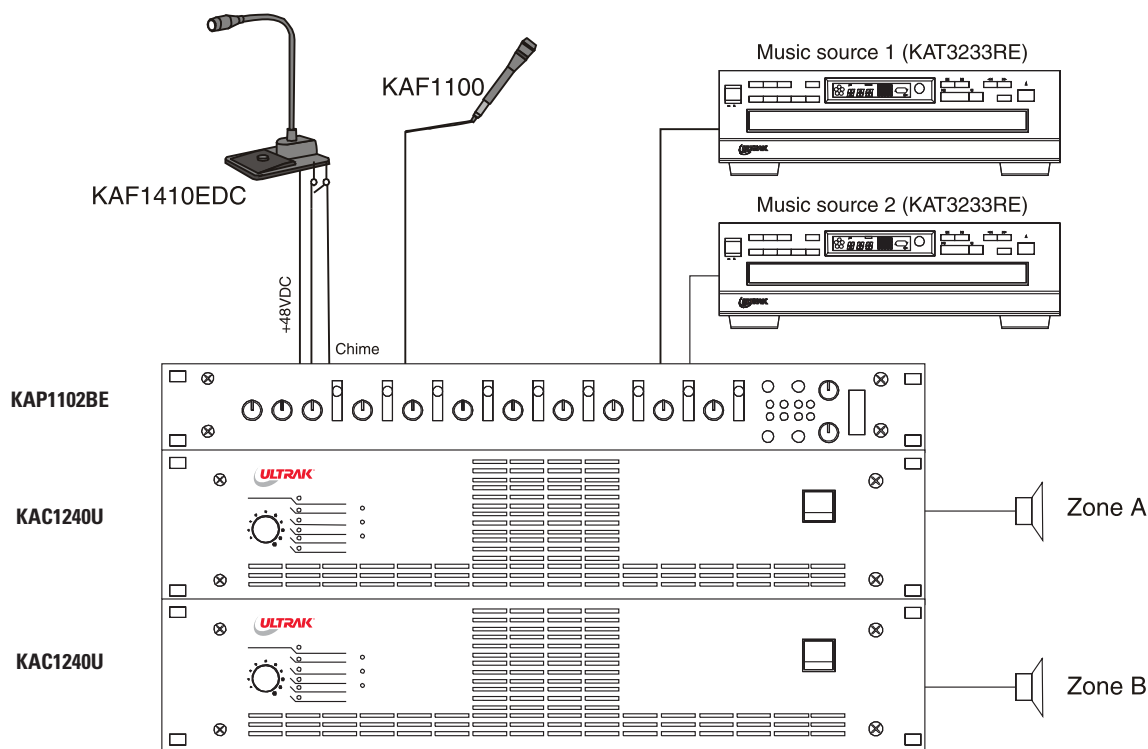
Power Source	AC 120V / 230V / 240V (50 / 60Hz) / 24VDC As indicated on the rear panel
Power Consumption	9.9W
T.H.D.AT 1kHz	Mic - Less than 0.05% Line - Less than 0.03%
Signal To Noise Ratio	Mic - More than 60dB Line - More than 75dB
Input Sensitivity/Impedance	Mic - -50dBu / 2.45mV / 5K Ω Bal Line - -10dBu / 245mV / 5K Ω Bal Line RCA - -10dBu / 245mV / 10K Ω Unbal
Output Level/Impedance	Master 1, 2 Nor +4dBu / 1.23V / 200 Ω Bal Record Nor 0dBu / 0.775mV / 10 Ω UnBal

ENVIRONMENT & MECHANICAL

Storage	-20°C to +70°C
Operation	0 to +40°C
Dimensions	483 (W) x 44 (H) x 200 (D) mm 19 (W) x 1.7 (H) x 7.9 (D) inches
Humidity	80% RH to at least +65°C (non condensing)
Altitude	3000 Meter / 10,000 Feet maximum
Weight	3.9 kg, 8.6 lbs.



Typical Application



Conversion: 1" = 25.4mm

Measurement conversions are approximate

Design and specifications subject to change without notice.

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