



ZG-1449-18 TRANSIT PA AUDIO AMPLIFIER

The JMK **ZG-1449-18** is a rugged audio amplifier designed for use in transit systems.

- ◆ 18 watts per channel
- ◆ 9—18 V input power
- ◆ 2 independent channels
- ◆ 40 db channel separation
- ◆ Filtered input power
- ◆ Reverse power polarity protection
- ◆ Output channels: inadvertent short protection
- ◆ Storage to 85C
- ◆ AGC standard
- ◆ PTT Microphone input



Performance Specifications:

Input Voltage = _____ 9—18 Volts dc operating
 Output Power = _____ 18 Watts peak / channel
 Output Impedance = _____ 4.0 Ohms
 Dynamic Range = _____ 40 Db
 Power Bandwidth = _____ 20 Hz to 15 KHz 1
 Harmonic Distortion = _____ 5%
 Channel Separation = _____ 40 Db
 Input Impedance = _____ 10 Kohm Min unbalanced
 Input Sensitivity = _____ 176 mv for full power out
 Weight = _____ 2.5 lbs

Environmental Specifications:

Operating Temp = _____ -30 to 60°C 2
 Storage temp = _____ -40 to 85°C
 Sealing = _____ Splash proof & Dust Proof
 Humidity = _____ 98% @ 38°C
 = _____ 80% @ 66°C
 = _____ Per SAE J1455
 Shock = _____ 30G, 6 millisec.
 Vibration = _____ 2G, 10 to 150 Hz

JMK has been designing PA amplifiers for transit use for over 20 years.

If you have a requirement that is different from what you see here call or email our engineering department. It is likely they can help you with a minor modification.

Mechanical changes are often made to our products to meet a customer's requirement.

Contact us at any time we want to hear from you.

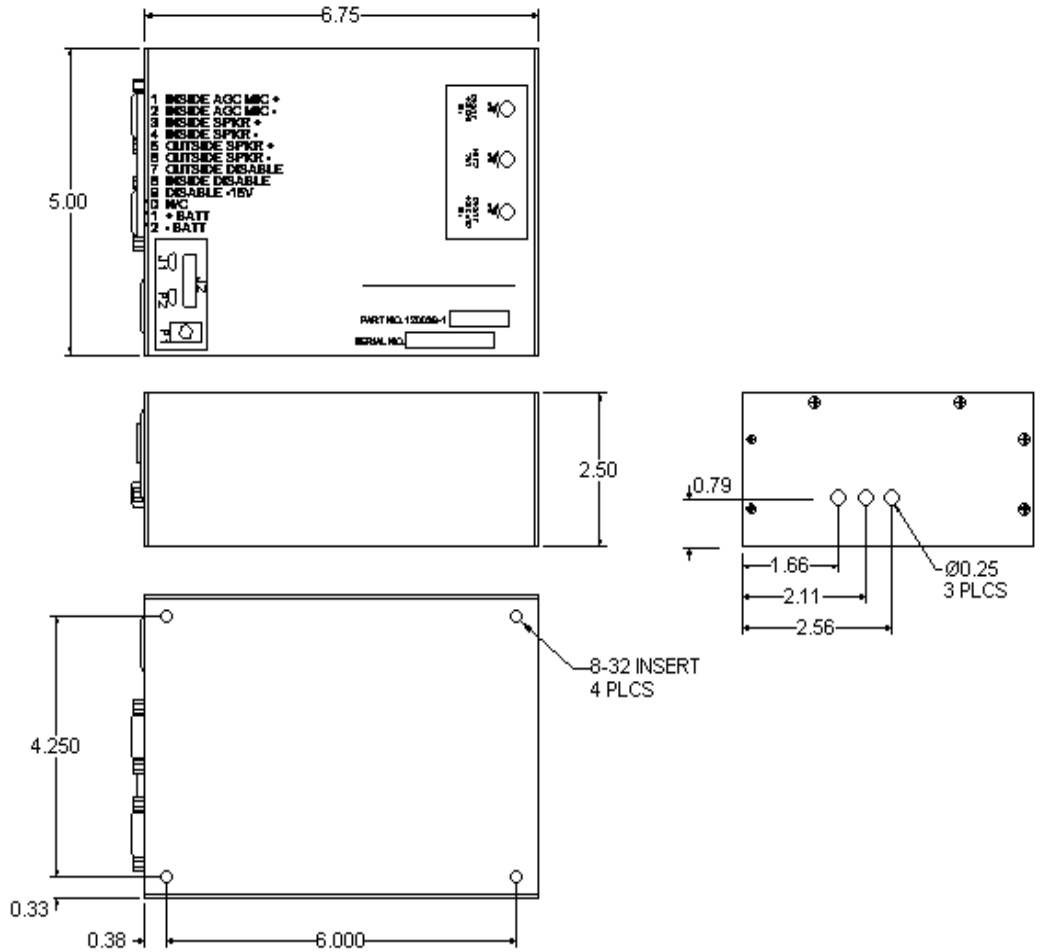
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email: info@jmkfilters.com



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Connections:

J1

1. Outside AGC out (-)
2. Outside AGC out (+)
3. Inside AGC out (+)
4. Inside AGC out (-)

J2

1. Inside AGC mic (+)
2. Inside AGC mic (-)
3. Inside speaker (+)
4. Inside speaker (-)
5. Outside Speaker (+)
6. Outside speaker (-)
7. Outside disable
8. Inside disable
9. Disable -15 V
10. N/C
11. + Batt
12. - Batt

P1

1. PTT Key
2. Mic audio
3. Mic audio grd
4. PTT Key grd

P2

1. TIB outside audio (in)
2. TIB outside audio Grd
3. TIB inside audio (in)
4. TIB inside audio Grd

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