

70 Volt Stepped Wall Attenuators

AT-025
AT-100
AT-100EMG
AT-10K



- Flush-mounted wall attenuators
- Volume can be adjusted in thirteen steps (AT-10K continuous)
- Push-in terminals
- Accepts two conductors for easy bridging
- 2 wire connection for normal speaker line attenuation
- 3 wire connection for emergency paging attenuator override (AT-100EMG)

| Specifications | AT-025 | AT-100 | AT-100EMG | AT-10K |
|------------------|---|--|-----------|--|
| Power Rating | 25W | 100W | | 1/2W |
| Resistance | - | | | 10k ohm |
| Attenuation | 3dB per step (33dB total) | | | Continuous (stops at 0/max.) |
| Use With | 25/70/100V speaker line | | | VCA control or audio circuit |
| Activation | Rotary dial | | | Rotary knob |
| Volume Positions | 0-10 | | | - |
| Termination | Phoenix-style | | | |
| Wire Capacity | 14-gauge | | | |
| Wall Plate | 1-gang decorator style | | | |
| Finish | White | | | |
| Priority Relay | - | 24VDC@15mA relay for emergency signal bypass | | - |
| | - | | | Incremental detents for precision feel |
| | Fits standard E.O. box (2.125 in. min. depth) | | | |

Impedance Meter

❖ Impedance Meter

ZM-104A

- Measures impedance of speaker lines up to 100k ohms
- Batteries: 4 (AA) (not included)
- Zero adjustment for accuracy on all ranges
- Easy to read meter calibrates directly in ohms
- Includes carrying case, test leads and impedance to power reference chart



| Specifications | ZM-104A |
|-------------------------------------|--|
| Power Source | R6 X 4 (1.5 V DC X 4) |
| Current Consumption | 39 mA |
| Reading | Direct reading meter, unit: Ω |
| Measurement Range | x 1 range: 5 Ω - 1 kΩ x 10 range: 50 Ω - 10 kΩ x 100 range: 500 Ω - 100 kΩ |
| Accuracy | ±10 % |
| Oscillation Frequency | 1 kHz, ±10 % |
| Battery Life When Continuously Used | x 1 range: 30 h x 10 range and x 100 range: 60 h |
| Operating Temperature | -5 °C to +40 °C (23 °F to 104 °F) |
| Dimensions | 120 (W) x 220 (H) x 63 (D) mm / 4.72" x 8.66" x 2.48" (carrying case) 110 (W) x 180 (H) x 58 (D) mm / 4.33" x 7.09" x 2.28" (unit only) |
| Finish | ABS resin, black |
| Weight | 700 g / 1.54 lb (including carrying case, without batteries) |
| Accessory | Test leads ... 1 set |
| Measurement Catagory | CAT I |

Note: Batteries are optional.