# CP8201



## Microphone Impedance Matching Transformer


### Specifications

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|---|---|
| Input/Output connectors | XLRF-type in, 1/4" plug out |
| Frequency response | 20-20,000 Hz |
| Input impedance | 250 ohms (nominal) |
| Output impedance | 50,000 ohms (nominal) |

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

Specifications are subject to change without notice.

### Features

- **Matches low-impedance microphones to high-impedance electronic inputs**
- **Permits use of long microphone cables**
- **Maintains high-frequency response**
- **Reduces noise pickup**
- **XLRF-type input, 1/4" plug output**

### Description

The Audio-Technica CP8201 microphone impedance matching transformer is designed to connect a low-impedance balanced or unbalanced microphone to a high-impedance electronic input. The high-quality transformer solves the problem of excessive high-frequency loss and hum pickup. Locate the transformer close to the amplifier: no more than 4.6 m (15') of cable should separate them. Unlimited cable lengths can be used between the transformer and the microphone. Encased in rugged steel for maximum durability and optimum shielding from hum, the transformer features an XLRF-type connector for the microphone input and a standard 1/4" connector for the output.

### Architect's and Engineer's Specifications

The microphone impedance matching transformer shall allow a low-impedance microphone to connect to a high-impedance audio input circuit. It shall incorporate a shielded transformer designed to work with balanced or unbalanced microphones. The input connection shall be through a standard XLRF-type 3-pin connector with locking tab. Output shall be a standard 1/4" plug. Input impedance shall be 250 ohms (nominal) and the output impedance shall be 50,000 ohms (nominal). The transformer shall have a frequency response of 20-20,000 Hz.

The Audio-Technica CP8201 is specified.

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