

**Basic Description**

The OT-300a is a heavy-duty step-up autoformer accessory that adapts any power amplifier output with a maximum voltage of approximately 17 to 35 volts to drive a 70-volt distributed line with up to 300 watts. Four voltage taps let you choose the one most appropriate for the amplifier.

Conversely, the OT-300a can be used as a high-power speaker transformer, driving loudspeakers with up to 300 watts from a 70-volt distributed line.

The OT-300a autoformer is compatible with any amplifier rated at up to approximately 350 watts at 4 ohms. It has built-on brackets for convenient mounting on a panel or in an equipment rack.

**Compatible amplifier models**

- USA 400
- RMX 850
- MX 700
- PLX 1202
- PowerLight 1.0
- CX 302 and CX 254
- DCA 1222 and DCA 1824
- Any amplifier rated at approximately 70 to 350 watts at 4 ohms

**Features**

- Adapts low-impedance amplifiers to drive 70-volt lines
- Rugged, heavy-duty construction handles up to 300 watts
- Low insertion loss—less than 1 dB
- Four voltage taps to accommodate any amplifier output voltage from 17 to 35 volts
- Also suitable for use as a high-power speaker transformer handling up to 300 watts



*Specifications subject to change without notice.*

**QSC**<sup>™</sup>  
**A U D I O**

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| OT-300a SPECIFICATIONS     | OT-300a  |
|----------------------------|--|
| <b>GENERAL INFORMATION</b> |  |
| Frequency response         | 20 Hz-16 kHz, +0, -1.5 dB                          |
| Transformer type           | Autoformer with EI laminated core                  |
| Distortion, 30 Hz-16 kHz   | 0.1% @ 150 watts; 0.5% @ 300 watts                 |
| Connectors                 | ¼" (6.3 mm) male quick-disconnect                  |
| Power capacity             | Approximately 75 to 300 watts                      |
| Insertion loss             | Less than 1 dB                                     |
| Dimensions (h x w x d)     | 3.13" x 3.75" x 3.50"; 79.5 mm x 95.3 mm x 88.9 mm |
| Weight                     | 6.75 lb; 3.1 kg                                    |
| Mounting centers           | 3.00" x 3.11"; 76.2 mm x 79.0 mm                   |
| Voltage taps               | 17, 25, 30, and 35 volts                           |

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