# Audio Sound Distribution Line Matching *117 Series*

## Features

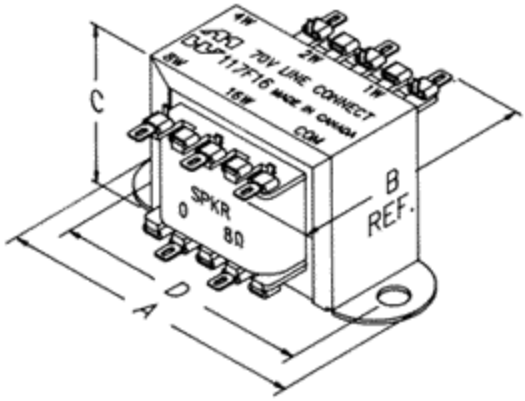


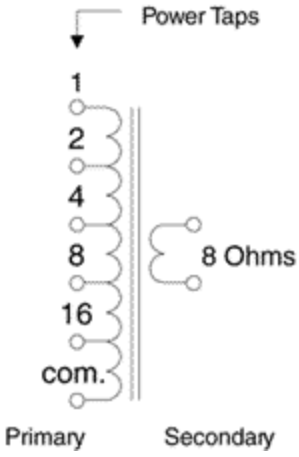





RoHS

- Couple 3.2, 8 or 16 ohm speakers to 25 or 70 volt line outputs of amplifiers.
- Up to 5 power tap levels available (except 117F2 which has 4).
- Primary taps marked in watts (no calculation necessary), to match speaker power.
- For speaker matching from older "Classic" 600 Ohm equipment - check out our **119DA** matching transformer.
- Frequency response 100 Hz. to 9 Khz. (1 db. reference @1 Khz.)
- Insertion loss less than 2 db.
- Distortion is less than 1.25% @ 100 Hz. at maximum power.
- Horizontal, channel bracket, 2-hole (.187" dia.) mounting.
- All models have solder lugs, also suitable for slip on jumper connections.
- Total power requirements of speakers should not exceed the rated power of each transformer or rated power of the amplifier.




| Part No. | System Volts | Power Rating (Watts) | Audio Power Taps | Voice Coil Impedance (Ohms) | Mounting Centers | Wt. ( lbs.) | Overall Dimensions A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|---|
| **117F2** | 70 | 2 | 2, 1, 1/2, 1/4 | 8 | 2.00 | 0.5 | 2.38 | 1.38 | 1.38 | 2.00 |
| **117E4** | 70 | 4 | 4, 2, 1, 1/2, 1/4 | 3.2 | 2.38 | 0.6 | 2.81 | 1.50 | 1.69 | 2.38 |
| **117F4** | 70 | 4 | 4, 2, 1, 1/2, 1/4 | 8 | 2.38 | 0.6 | 2.81 | 1.50 | 1.69 | 2.38 |
| **117E8** | 70 | 8 | 8, 4, 2, 1, 1/2 | 3.2 | 2.81 | 0.9 | 3.25 | 1.75 | 2.00 | 2.81 |
| **117F8** | 70 | 8 | 8, 4, 2, 1, 1/2 | 8 | 2.81 | 0.9 | 3.25 | 1.75 | 2.00 | 2.81 |
| **117E16** | 70 | 16 | 16, 8, 4, 2, 1 | 3.2 | 3.13 | 1.5 | 3.69 | 2.00 | 2.31 | 3.13 |
| **117F16** | 70 | 16 | 16, 8, 4, 2, 1 | 8 | 3.13 | 1.5 | 3.69 | 2.00 | 2.31 | 3.13 |
| **117G16** | 70 | 16 | 16, 8, 4, 2, 1 | 16 | 3.13 | 1.5 | 3.69 | 2.00 | 2.31 | 3.13 |
| **117F32** | 70 | 32 | 32, 16, 8, 4, 2 | 8 | 3.56 | 2.3 | 4.03 | 2.25 | 2.63 | 3.56 |
| **117J4** | 25 | 4 | 4, 2, 1, 1/2, 1/4 | 3.2 | 2.38 | 0.6 | 2.81 | 1.50 | 1.69 | 2.38 |
| **117K4** | 25 | 4 | 4, 2, 1, 1/2, 1/4 | 8 | 2.38 | 0.6 | 2.81 | 1.50 | 1.69 | 2.38 |
| **117J8** | 25 | 8 | 8, 4, 2, 1, 1/2 | 3.2 | 2.81 | 0.6 | 3.25 | 1.75 | 2.00 | 2.81 |
| **117K8** | 25 | 8 | 8, 4, 2, 1, 1/2 | 8 | 2.81 | 0.6 | 3.25 | 1.75 | 2.00 | 2.81 |
| **117K16** | 25 | 16 | 16, 8, 4, 2, 1 | 8 | 3.13 | 1.5 | 3.69 | 2.00 | 2.31 | 3.13 |
| **117K32** | 25 | 32 | 32, 16, 8, 4, 2 | 8 | 3.56 | 2.3 | 4.03 | 2.25 | 2.63 | 3.56 |

Tags: **audio transformer**, **speaker**, **amplifier**, **line matching**, **distortion**, **bracket mount**

*Data subject to change without notice.*

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