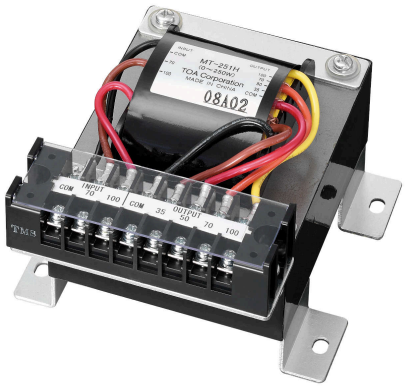
MT-251H

MATCHING TRANSFORMER



Designed for use with the DA-250DH, DA-250FH, DA-500F-HL and DA-500FH Multi-Channel Power Amplifiers, the MT-251H electrically isolates the high-impedance speaker lines from the amplifier.

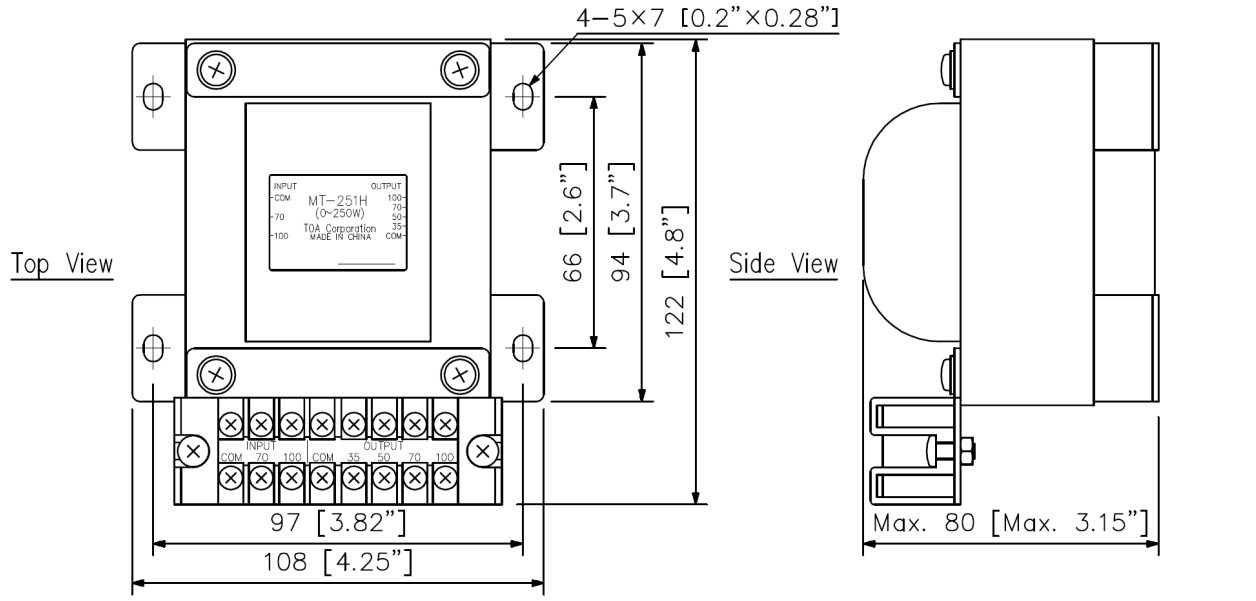
Key features

- Dedicated to DA Amplifiers with 100 V speaker outputs
- Electrical Isolation for high-impedance speaker

Specifications

Capacity	0 - 250 W
Frequency Response	30 - 18,000 Hz (+0 dB, -3 dB)
Primary Side	100 V line, 70 V line
Secondary Side	100 V line, 70 V line, 50 V line, 35 V line
Connection Terminal	M3 screw terminal, distance between barriers: 6.6 mm (0.26")
Dimensions	108 (W) x 80 (H) x 122 (D) mm (4.25" x 3.15" x 4.8")
Weight	2.4 kg (5.29 lb)

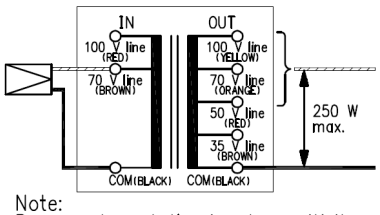
Dimensions



■CONNECTIONS

The cable connections to the MT−251H's taps on the primary and secondary sides differ depending on the amplifier model to use.

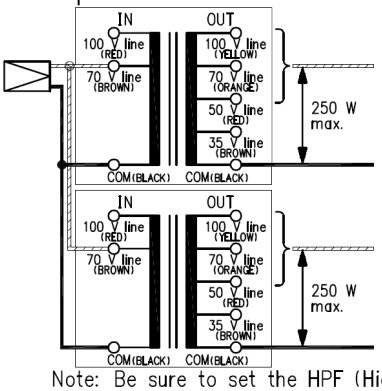
DA−250DH(CU), DA−250FH(CU)



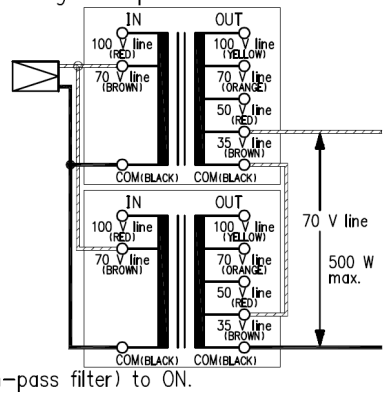
Note:
Be sure to set the input sensitivity of the amplifier to +4 dB, and the HPF (High−pass filter) to ON when using the amplifier for microphone announcement application.

DA−500F−HL(CU)

[2 output channels connection]

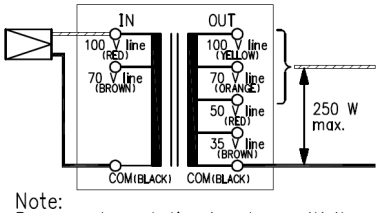


[Single output channel connection]



Note: Be sure to set the HPF (High−pass filter) to ON.

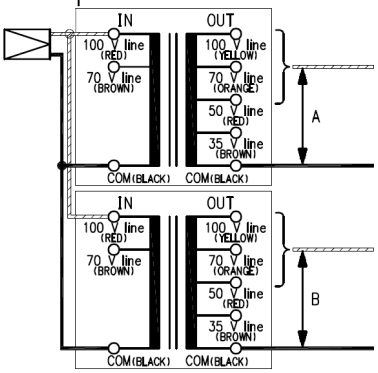
DA−250DH(CE), DA−250FH(CE)



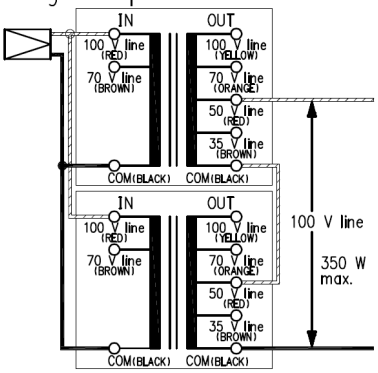
Note:
Be sure to set the input sensitivity of the amplifier to +4 dB when using the amplifier for microphone announcement application.

DA−500FH(CE)

[2 output channels connection]



[Single output channel connection]



Note: All of the following conditions shoud be met.
·A + B = 350 W max.
·A = 250 W max. B = 250 W max.

UNIT: mm

Published on 2026/09/09

A&E specifications

Power transformers 250 Watt, to the isolation of not earth-free 70 or 100-Volt amplifier outputs with floating 35/50/70/100 Volt output.