

Class-A MONOPHONIC POWER AMPLIFIER A-300



Accuphase Laboratory, Inc.

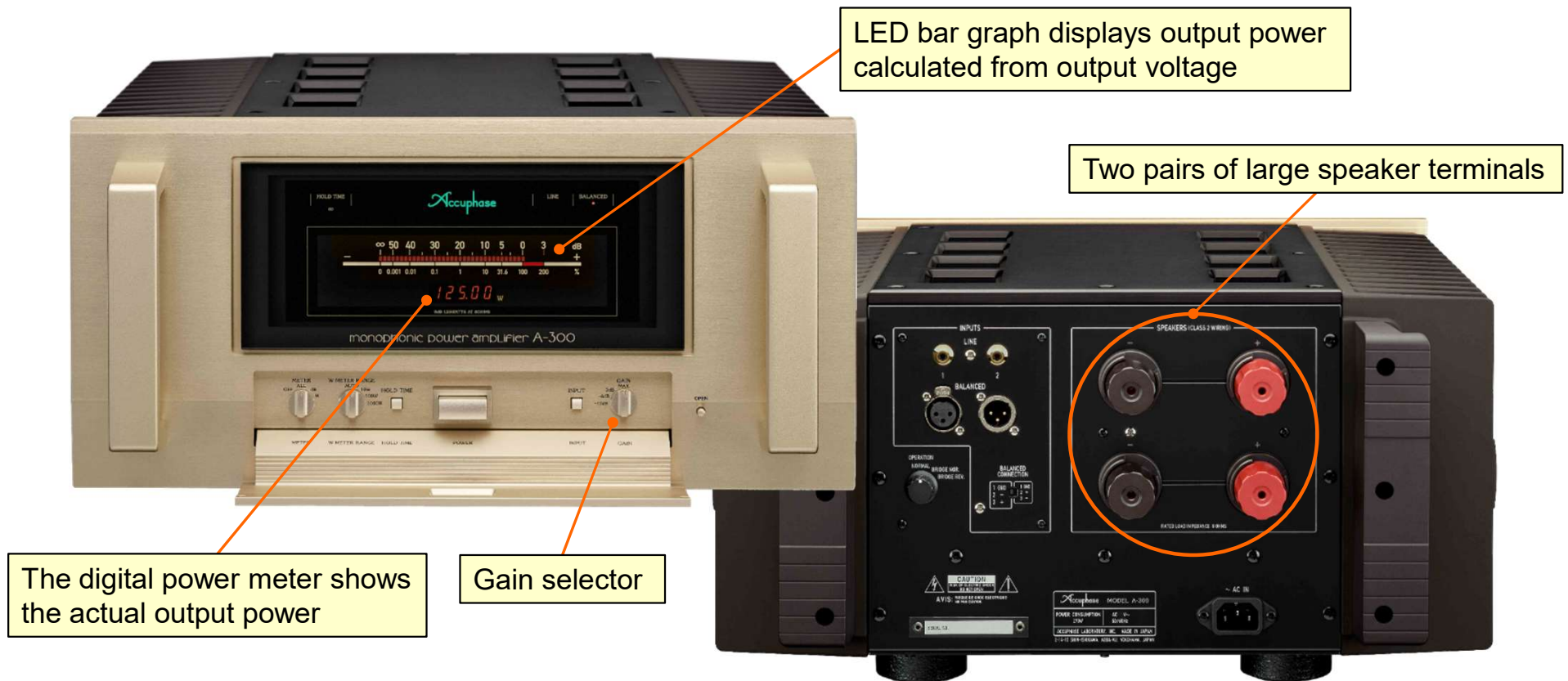
Dimensions and weight

- Unit dimensions and weight are the same as A-250



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Front and Rear View



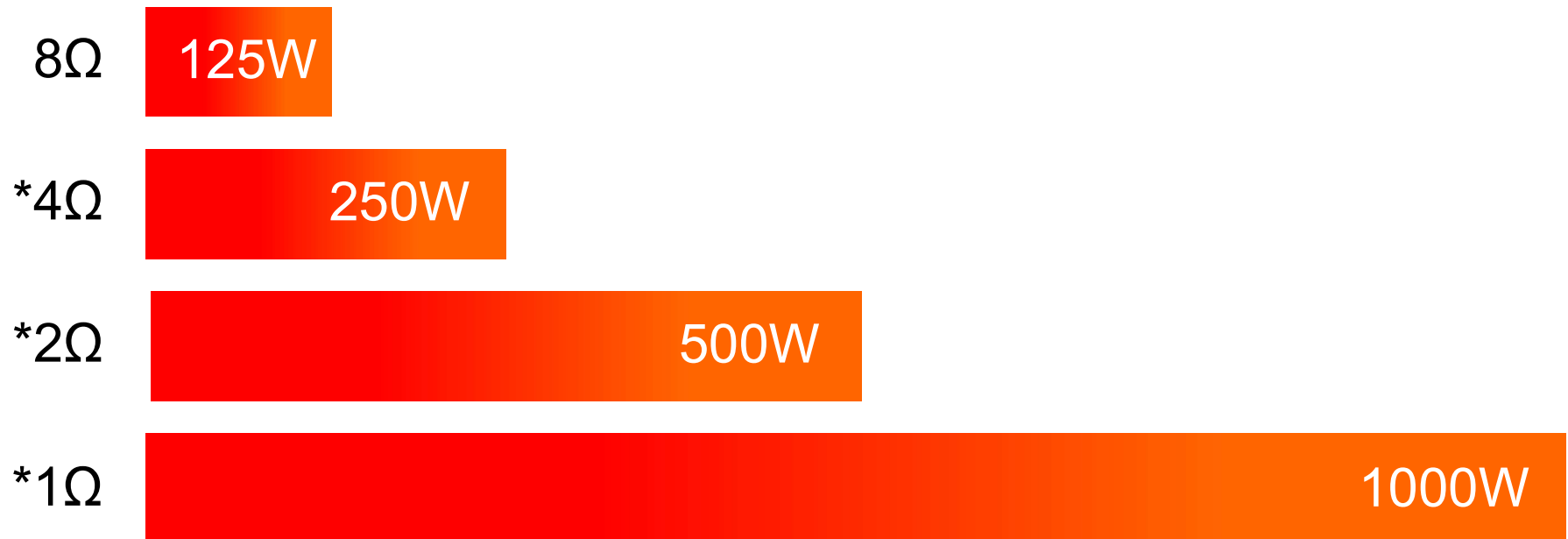
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Internal View



Output power

- Class-A 125W into 8Ω load

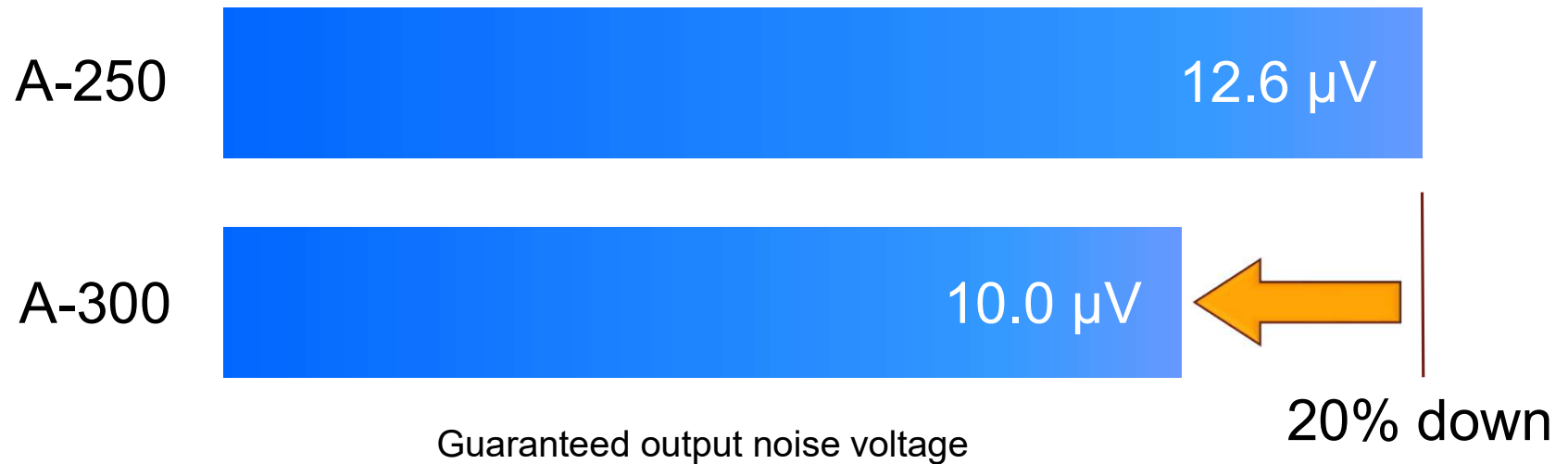


Rated output power

*For music signals only

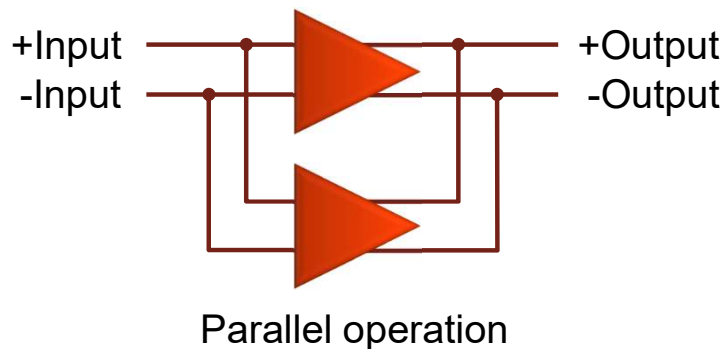
Ultra low noise

- 20% lower than the former model
 - Guaranteed output noise voltage: 10 μ V (SN-ratio 130dB)



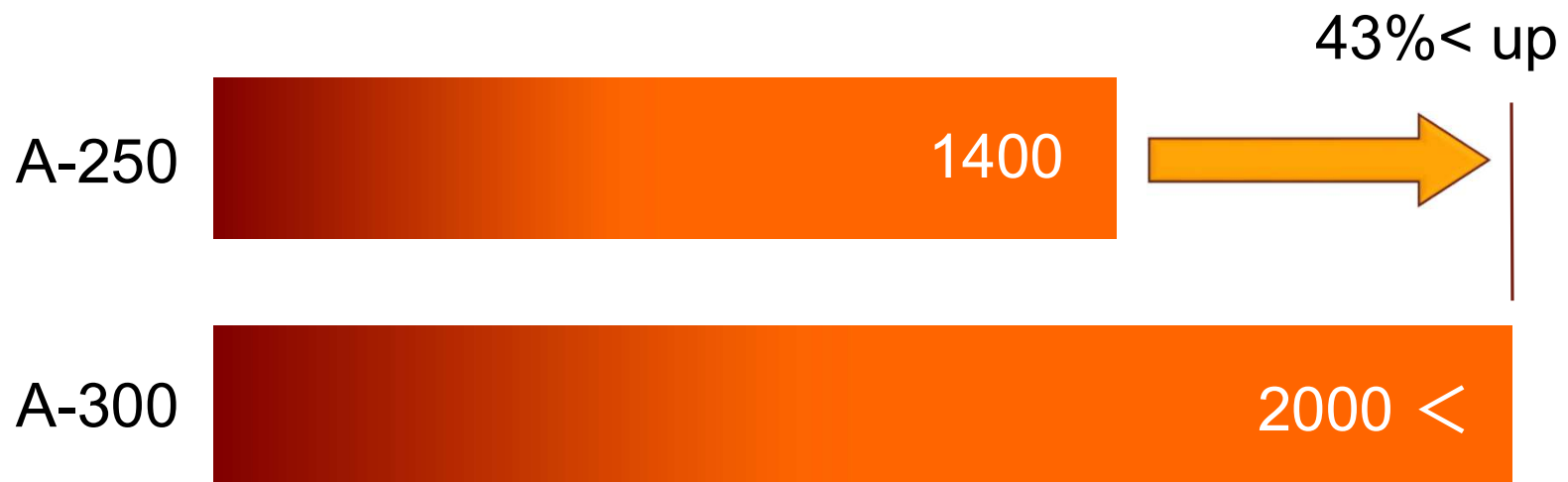
Technology for ultra-low noise

- Parallel operation in balanced input amp
- Full discrete configuration with low noise device for balanced input amp
- Placing the balanced input amp as close to the input terminal as possible



Super high damping factor

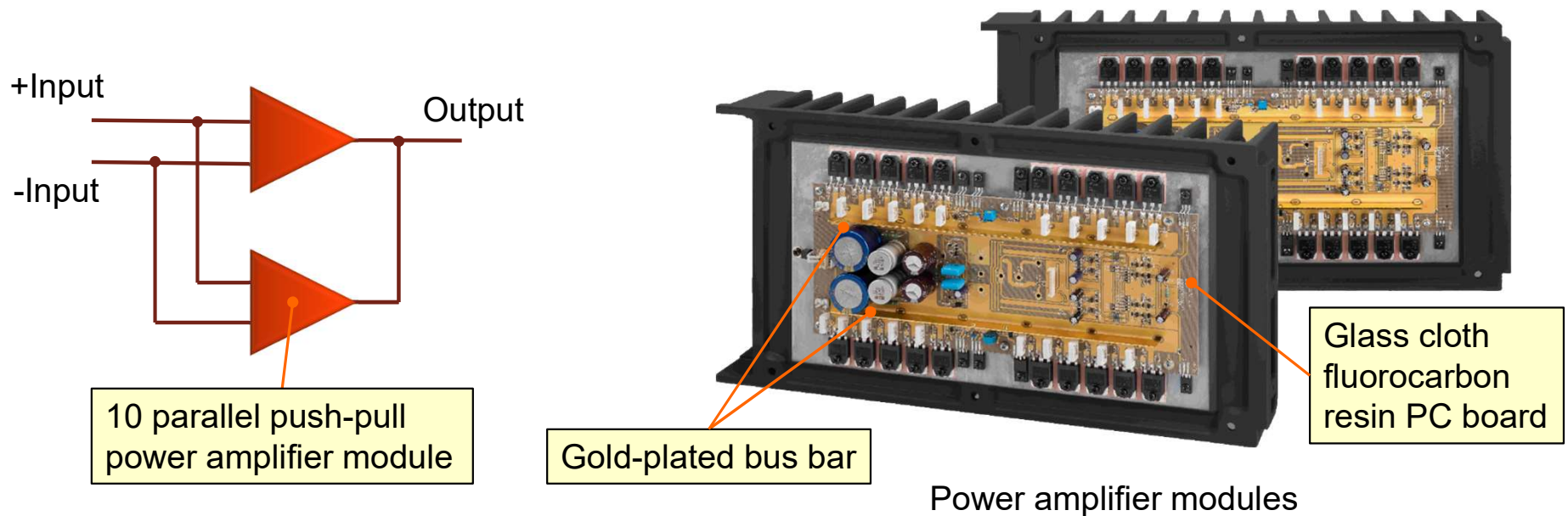
- The actual damping factor is more than 43% higher than the former model
 - Guaranteed damping factor: 1000



Actual damping factor

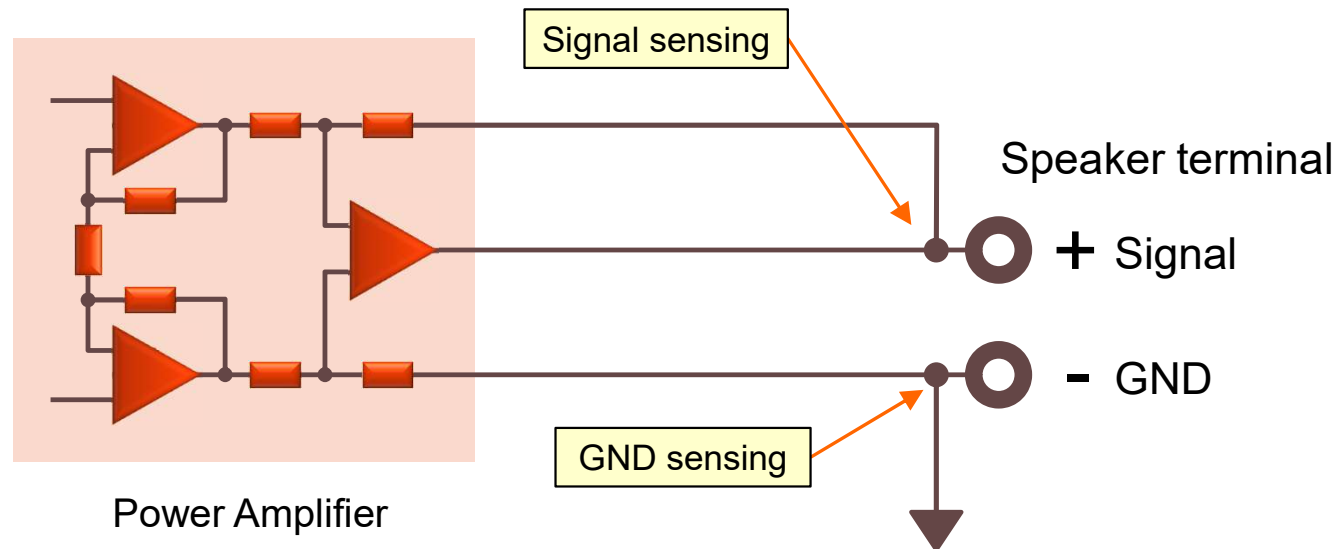
Technology for high damping factor

- Parallel operation in a 10-parallel push-pull MOS-FET power amplifier module



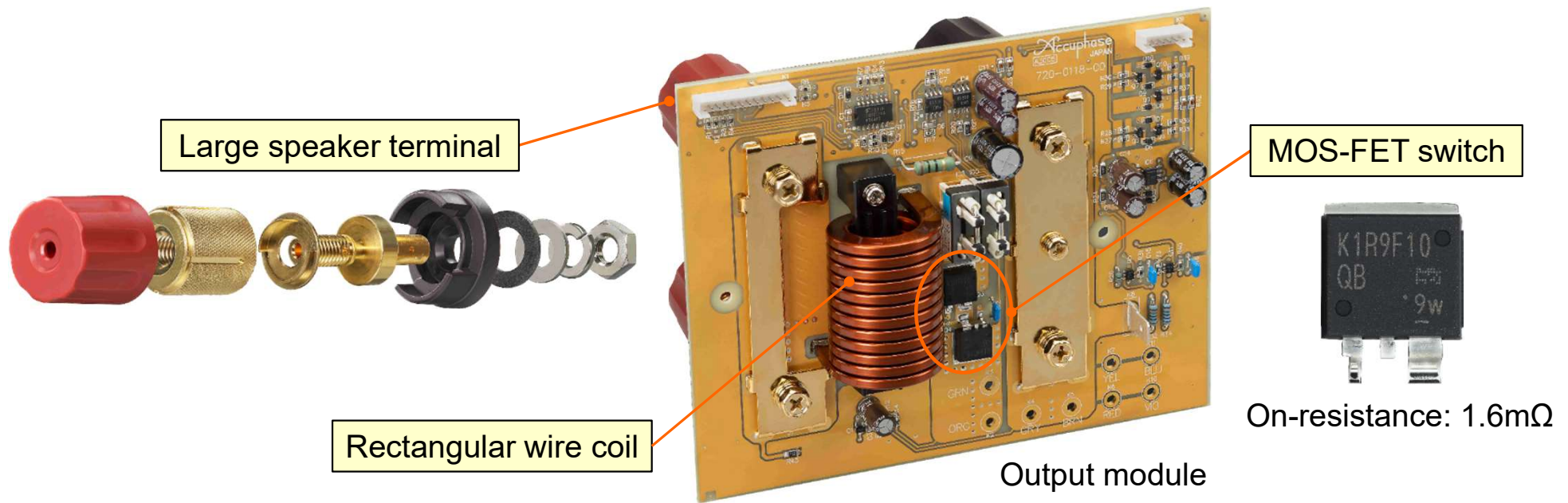
Technology for high damping factor

- Balanced Remote-sensing
 - Feedback from speaker terminal proximity
 - Signal-line and GND-line sensing



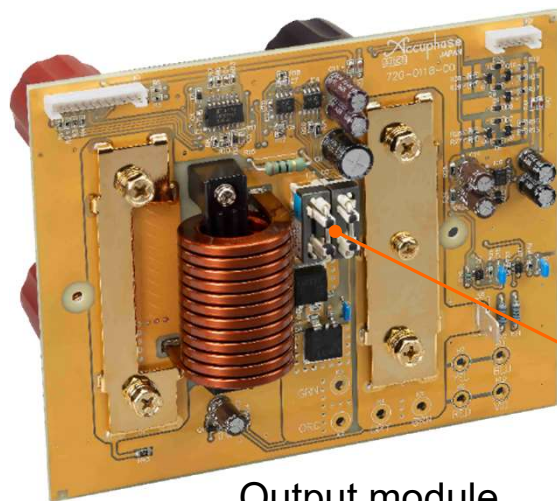
Technology for high damping factor

- Speaker protection equipped with the MOS-FET switch circuit
- Short signal path configuration



Pursuing further product safety and reliability

- Power amplifier
 - Hall element detects the excessive output current
 - Temperature sensors are installed on the heatsink

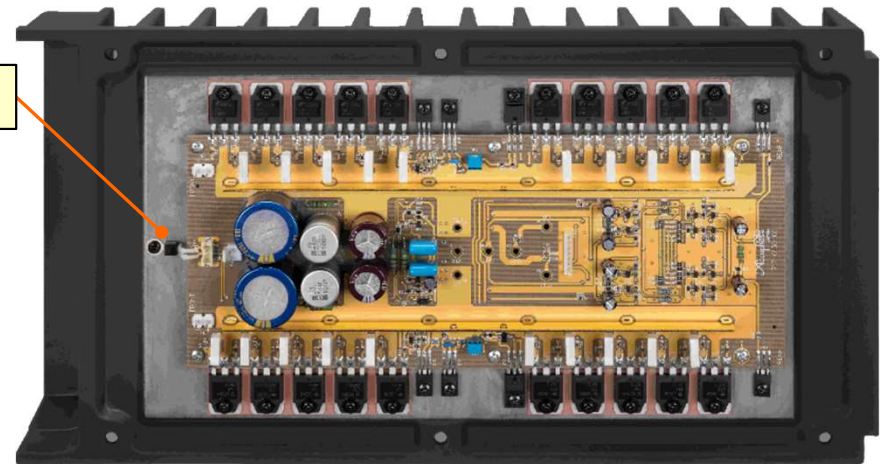


Output module

Temperature sensor



Hall element



Power amplifier module