

Transformer Guide

100V/70V Line Commercial Transformers

DATASHEET V1.2



Product Description

Amina Invisible Loudspeakers offer a great solution for high end commercial installations where speakers should not be seen. All Amina loudspeakers are available with high quality toroidally wound transformers, allowing integration into high impedance 100V/70V line systems.

Multi-tapped transformers are available, offering 4 different power options per speaker. Please refer to cabling schematic below, showing different power options for both 100V and 70V systems. Select black (common) and appropriate coloured connection depending on performance requirements.

Example Applications

High end commercial installations with high impedance 100V/70V line requirements.

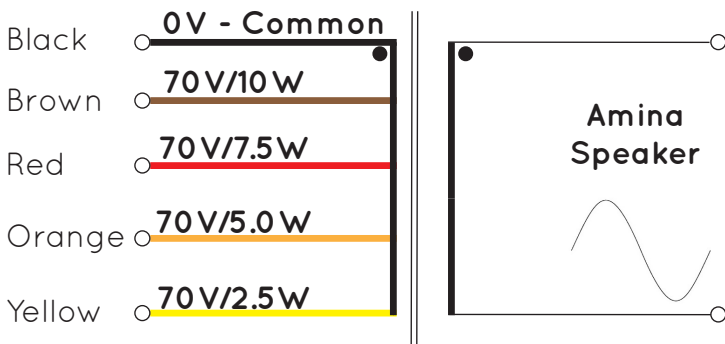
Available Transformer Options

Fixed value transformers available in 20W, 40W (100V only) or 60W (100V only) varieties for either 4 Ohm or 8 Ohm speakers.

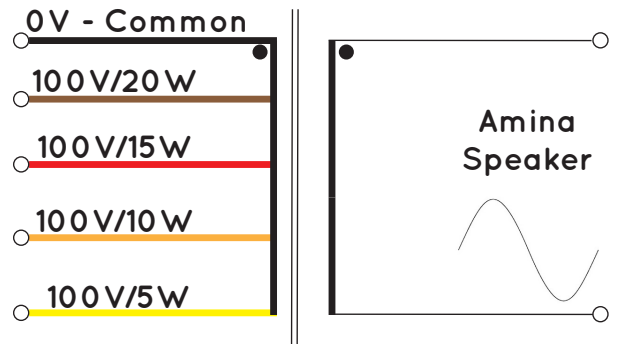
Multi-tapped transformer offering 5W, 10W, 15W, 20W power tapings at 100V or 2.5W, 5W, 7.5W, 10W at 70V for all 8 Ohm Amina speakers.

Please state required voltage and power requirements at time of placing order. For example iQ3+MT, Mobius5+100/40, Egde5+MT etc.

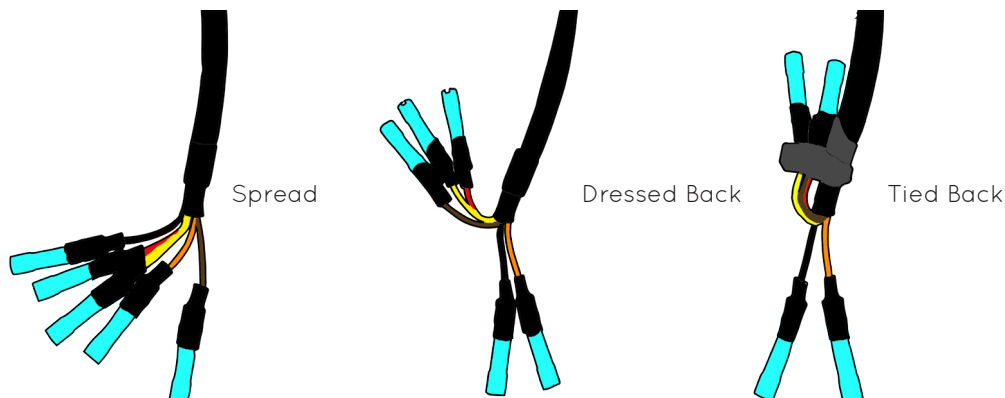
Multi-tapped 70V Schematic



Multi-tapped 100V Schematic



To limit the risk of spurious noise from loose cables, please carefully dress and tie back the unused input taps using a cable tie. See diagram below.



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