

Transformer Guide

100V/70V LINE COMMERCIAL TRANSFORMERS

DATASHEET Rev. 1.6 | 15-12-2021 | E&OE



AMINA
IMMERSIVE INVISIBLE SOUND

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 a number of different power options per speaker.

Please refer to cabling schematic below, showing different power options for both 100V and 70V systems for 20W and 40W Multi-Tap Transformers. Select black (common) and appropriate coloured connection depending on performance requirements.

Available Transformer Options

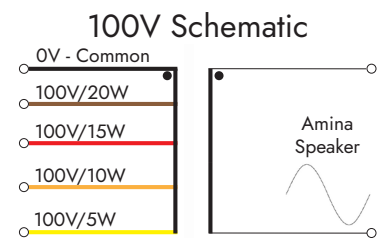
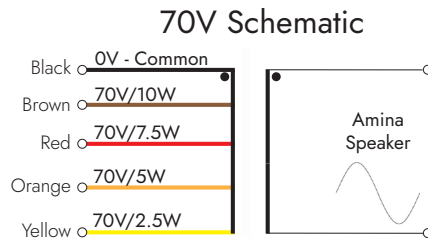
Fixed value transformers are available in 20W, 40W or 60W varieties for either 4 Ohm or 8 Ohm speakers (100V). 70V transformer available in 40W @ 4 Ohm.

The 100V/20W multi-tapped transformer offers 5W, 10W, 15W & 20W power tapplings at 100V or 2.5W, 5W, 7.5W and 10W at 70V.

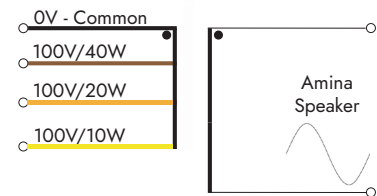
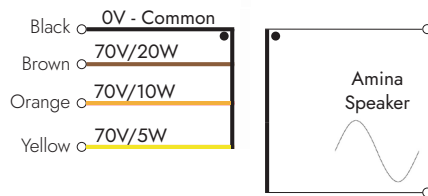
The 100V/40W multi-tapped transformer offers 10W, 20W and 40W tapplings at 100V or 5W, 10W and 20W at 70V.

Please state required voltage and power requirements at time of order.

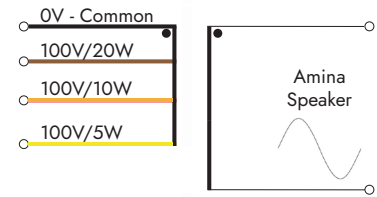
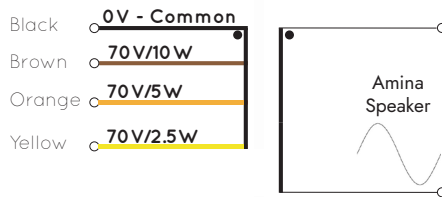
100V/20W (70V/10W)
Multi-tap for 8 Ohm speakers



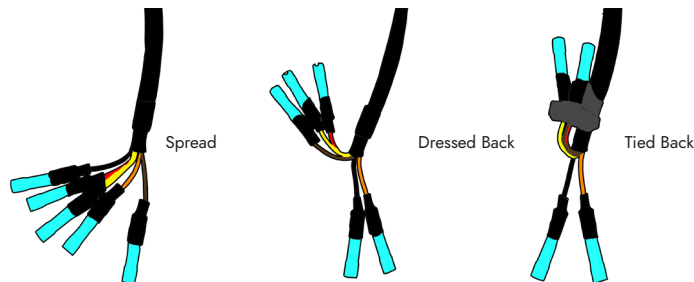
100V/40W (70V/20W)
Multi-tap for 4 Ohm speakers



100V/20W (70V/10W)
Multi-tap for 4 Ohm speakers



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.



Amina Technologies Limited

Cirrus House, Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, England

+44 (0) 1480 354390 | info@aminasound.com | www.aminasound.com