

BALUN 2-2-1

Audio Level / Impedance Matching Device



BalUn221

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BalUn221 is a Level/Impedance matching device, housed in a compact and practical enclosure. The unit provides high quality conversion of analog audio levels and impedances between -10dBV “consumer/semi-pro” unbalanced equipment, and +4dBm balanced professional equipment.

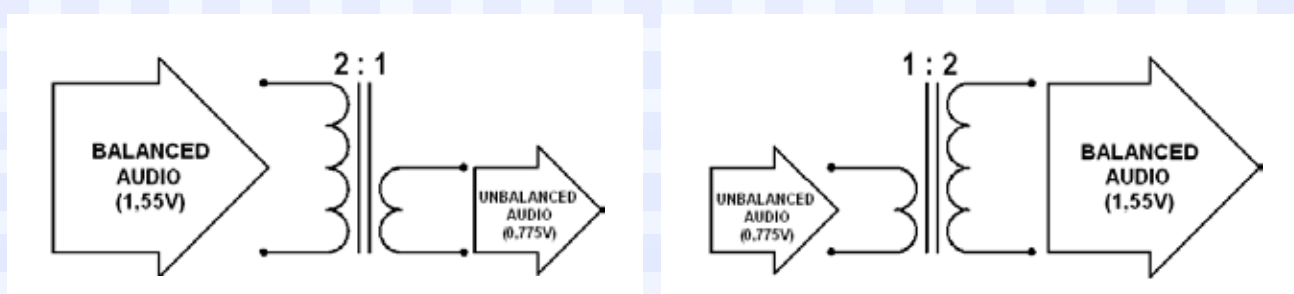
Key Features:

- Unbalanced to balanced and vice versa audio line level converter
- Unbalanced connection include gold plated RCA
- Balanced connector include gold-plated XLR
- A specially adapted transformer LL1532 from Lundahl Transformers

BalUn221 are designed to balance the outputs of unbalanced equipment to provide noise and RF rejection for connecting to balanced inputs and to provide galvanic isolation. It is good to use BalUn 221 when signal source is unbalanced to connect it as close as possible to output and now balanced signal can be sent over long cable runs without losses and noise.

When used in other direction the device attenuates balanced audio (XLR) signal and adapts it for unbalanced or consumer equipment (RCA) input.

But that is not all, with high quality transformer in a signal chain, we get ideal galvanic and RF isolation. RF protection is important when signal passes consumer coax cables (unbalanced), where it picks up much of RF noise.



We are very proud to use the famous Lundahl Transformers products in our Splitter. Lundahl is a Swedish company that has designed and manufactured superb audio transformers for 50 years. Their quality is attested to by a long list of famous companies in the audio industry and many, many hi-fi enthusiasts.



Transformer Turns Ratio	2 : 1
Frequency Response	10Hz - 50kHz, +/-0.3dB
Dimensions (WxDxH)	4.31 x 2.75 x 1.75" (109 x 70 x 45 mm)
Weight	100gr

The MM StudioZ gives lifetime warranty for this device. We also guarantee that device will survive fall from 1m high and function correctly afterwards!