

# Components

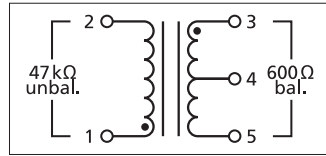
## Stage and Audio Accessories

### DIB-110

Order No. 21.2140

#### DI transformer 10:1

- Unshielded version with PCB connections
- Wideband version
- Change from unbalanced to balanced and vice versa
- Galvanic isolation to avoid/eliminate hum loops
- Max. input voltage: 5 V (1% THD/40 Hz)



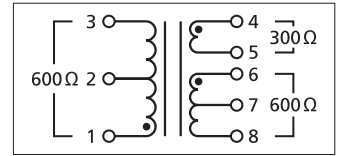
Model	DIB-110
Frequency range	15-30,000 Hz
Input impedance	47 kΩ, unbal.
Output impedance	600 Ω, bal.
Transmission ratio	10:1
Dimensions	25 x 24 x 21 mm
Weight	28 g
Inputs	PCB connections
Outputs	PCB connections

### LTR-110

Order No. 21.0500

#### Audio transformer 1:1/2:1 for line signals

- Unshielded version with PCB connections
- Wideband version
- Change from unbalanced to balanced and vice versa
- Galvanic isolation to avoid/eliminate hum loops
- Various level adjustment possibilities when windings are arranged accordingly



Model	LTR-110
Frequency range	15-30,000 Hz
Input signal	5 V
Input impedance	600 Ω
Output impedance	600 Ω/300 Ω
Transmission ratio	1:1/2:1
Dimensions	25 x 19 x 19.5 mm
Weight	28 g
Inputs	PCB connections
Outputs	PCB connections

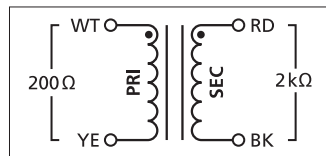
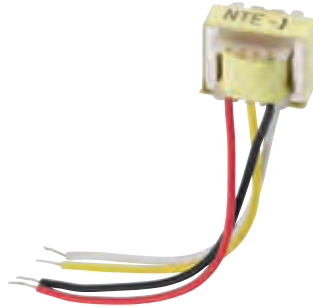
### NTE-1

Order No. 21.2370



#### Audio transformer 1:1 for microphone signals, from NEUTRIK.

- Very compact design, e.g. also suitable for installation into connector housings
- Unshielded version with bare wire connections (70 mm)
- Wideband version
- Balance adjustment
- Galvanic isolation to avoid/eliminate hum loops
- Max. input voltage: 550 mV (1% THD/50 Hz)



Model	NTE-1
Frequency range	20-20,000 Hz
Input signal	50 mV
Input impedance	200 Ω
Output impedance	2 kΩ
Transmission ratio	1:1
Dimensions	14 x 11 x 12 mm (w/o cable)
Weight	6 g

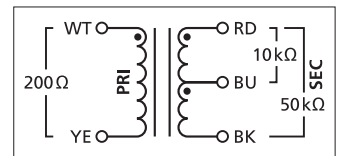
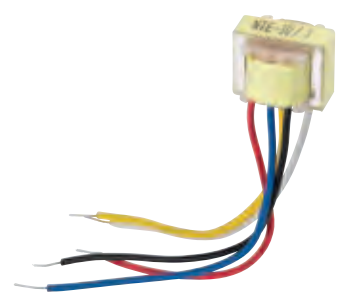
### NTE-10/3

Order No. 21.2380



#### Audio transformer 1:3/1:10 for microphone signals, from NEUTRIK.

- Very compact design, e.g. also suitable for installation into connector housings
- Unshielded version with bare wire connections (70 mm)
- Wideband version
- Balance adjustment
- Galvanic isolation to avoid/eliminate hum loops
- Max. input voltage: 350 mV/380 mV (1% THD/50 Hz)



Model	NTE-10/3
Frequency range	20-20,000 Hz
Input signal	380 mV
Input impedance	200 Ω
Output impedance	10 kΩ/50 kΩ
Transmission ratio	1:3/1:10
Dimensions	14 x 11 x 12 mm (w/o cable)
Weight	7 g

### MA-100/15

Order No. 23.1850

**Microphone matching transformer**, with Hi/Lo switch. With balanced XLR connection as well as 6.3 mm plug, unbalanced, with 15 cm microphone cable.

- Frequency range: 50-15,000 Hz
- Input impedance: 600 Ω
- Transformation ratio: 1:10/1:1 (1 kHz)

