



# Analog Audio Design

## TR-1000

[www.anaude.com](http://www.anaude.com)

### Mechanical

- Tape** : 1/4 inch (6.35mm)
- Track Format** : 2-track, 2 channel (DIN 0.106 inch, 2.7mm)
- Max. Reel Size** : 11.8 inch (30 cm)
- Tape Speed** : Switchable two speeds : 15 ips (38.1 cm/s) and 7.5 ips (19.05 cm/s)
- Tape Speed Accuracy** : Within +/-0.05%
- Pitch Control Range** : +/-100%, resolution of 0.01 ips
- Wow and Flutter** : 15 ips = <0.045% peak, weighed (DIN 45507)  
7.5 ips = <0.090% peak, weighed (DIN 45507)
- Wind Speed** : Switchable three speeds = 2 m/s, 6 m/s, 10 m/s
- Wind Speed Control** : 1 m/s to 12 m/s, resolution of 1 m/s
- Capstan Motor** : DC servo motor, belt drive
- Reel Motor** : 2x DC motor, belt drive
- Dimensions (WxHxD)** : 466mm x 519mm x 305mm
- Weight** : 61.73 lbs (28 kg)

### Electrical

- Power Supply** : Connector = IEC 3-pole
- Voltage Range = 90 to 264 VAC
- Frequency Range = 47 to 63 Hz
- Power Consumption = 40 W maximum
- Input 1** : Connector = XLR
- Level, selectable = Balanced : +4dBu (in CAL)  
Unbalanced : -10dBV (in CAL)
- Input 2** : Connector = XLR (powered 48V)
- Level, selectable = -60 dBV (in CAL)  
-40 dBV (in CAL)
- Output** : Connector = XLR
- Level, selectable = Balanced : +4dBu (in CAL)  
Unbalanced : -10dBV (in CAL)
- Headphone Output** : 1.5 W maximum (8 ohm load)
- Ethernet** : RJ45 10/100Base-T for remote control and firmware update
- IR Input** : Infrared remote control

## Audio

**Equalization** : NAB or IEC, switchable  
**Reproduce Record Level** : 320 nWb/m or 514 nWb/n, switchable  
**Frequency Response** : 15 ips = 30hz to 22kHz (+/-2 dB) at 0 VU  
                               7.5 ips = 30hz to 20kHz (+/-2 dB) at 0 VU  
**Signal-To-Noise Ratio** : (THD-N, in CAL) / A-Weighting  
                               15 ips = 71 dB / 78 dB  
                               7.5 ips = 70 dB / 77 dB  
**Distortion** : 0.8% or less at 1kHz, 15 ips  
**Channel Crosstalk** : 60 dB or more

## External Dimensions

