

## TG 600

### BAUR audio frequency transmitter



The figure is illustrative.

The TG 600 audio frequency transmitter is specifically used for the precise location of cable faults and joints using the twist method and the minimum distortion method.

The thermal load on the high-power output stage can be reduced with the aid of a compensating circuit. This improves the output power and the operating time. In addition to being used for cable fault location, the high power also allows high-frequency burn processes to be performed on signal and telephone cables in particular.

A maximum output power of 60 or 600 VA can be selected, with the 60 VA level primarily intended for tracing and determining the depth of cable routes.

#### Features

- High-performance audio frequency transmitter up to 600 VA
- Frequency of 2 or 10 kHz, quartz-stabilised (other frequencies on request)
- Floating output
- Eight-level impedance adjustment from 0.3 to 300  $\Omega$
- Optimal reactive power compensation by means of connectable compensating capacitors
- Thermal overload protection
- Display of the primary current and output current of the output transformer

## Technical data

Tracing and cable fault location	
Output power	On 2 levels; continuously adjustable on each power level
At 2 kHz	60 VA / 600 VA
At 10 kHz	45 VA / 450 VA
Max. output current	30 A
Frequencies	Switchable between 2 frequencies*: <ul style="list-style-type: none"> <li>▪ 2 kHz <math>\pm 0.1\%</math></li> <li>▪ 10 kHz <math>\pm 0.1\%</math></li> </ul>
Output impedance	On 8 levels: 0.3 / 0.8 / 1.8 / 4 / 10 / 30 / 100 / 300 $\Omega$
Display	<ul style="list-style-type: none"> <li>▪ Output current <math>I_{out}</math> in A</li> <li>▪ Primary current of the output transformer <math>I_{in}</math> in A</li> <li>▪ Overtemperature display</li> </ul>
Output	Pole terminals on the back of the device

\* Other frequencies on request

## Standard delivery

- TG 600 audio frequency transmitter
- Mains supply cord, 2.5 m
- Earth cable, 3 m, with earth terminal
- Connection cable, 3 m, with connection clips
- User manual

General	
Power supply	<ul style="list-style-type: none"> <li>▪ 110 – 120 V, 50/60 Hz</li> <li>▪ 220 – 230 V, 50/60 Hz</li> <li>▪ 240 V, 50/60 Hz</li> </ul>
Power consumption	Max. 2,200 W
Device protection	Thermal overload protection
Dimensions (W x H x D)	Approx. 505 x 255 x 300 mm
Weight	Approx. 38 kg
Ambient temperature (operational)	-20°C to +40°C
Safety and EMC	CE compliant in accordance with Low Voltage Directive (2014/35/EU), EMC Directive (2014/30/EU), EN 60068-2-ff Environmental testing

## Accessories and options

- AZ 10/D 70 clip-on current transformer, with connection cable
- AZ 10/D 80 clip-on current transformer, with connection cable
- AZ 10/D 125 clip-on current transformer, with connection cable
- Hinged stand for 19" devices, height 5 RU (222 mm)



Would you like to discover more about this product?  
If so, contact us: [www.baur.eu](http://www.baur.eu) > BAUR worldwide