

Tone Amplifier & Generator AM5/TG5xs

Features

- Standard Audio Tone Technology with Variable Interrupt Rate
- 'qTrace' Tracer Tone Technology Provides Visual Accurate Wire Location
- 'Touch' Button Technology
- Quick Change Battery
- Low Battery Indication
- High Impact Resistance
- Fully Sealed to IP67
- Two Year Warranty

Probe AM5xs

- Five Sensitivity Levels
- Digital Circuit Indication (10-350kHz)
- Selectable Filter Mode (Normal or 800-1500Hz Pass)
- Quick Change Probe Tip for Conductive/Inductive Pickup
- Headset 17A Connection with Auto Power-up

Generator TG5xs

- 4 'qTrace' Visual Tones
- 2 Standard Audio Tones (900Hz, 1kHz) with 4 Interrupt Rates
- Audible Tone Selection Confirmation
- Balanced High-voltage Sine Wave Output
- Transformer or Capacitive Line Coupling
- Continuity Short Indication

Description

The Tone & Amp Set are state of the Art Testers offering Touch button technology, visual qTrace as well as audio tracer tone technology providing accurate wire location, high output volume and sensitivity, tone tracker functionality, Visual/Audible indication of Digital Traffic, filtered amplification with multiple volume levels and two normal tones and four tonetracker tones with constant and variable interrupt rates, short detection and indication, capacitive output connection, Quick change battery and low battery indication in New custom designed High impact resistance enclosures, fully sealed to IP67.

Specifications

Tg5xs		AM5xs	
DC Characteristics		DC Characteristics	
Battery voltage	6V nominal (4x AA/LR6/15A Alkaline)	Battery voltage	9V nominal (PP3/6LR61/1604A Alkaline)
Battery supply current	140uA RMS (OFF), 20mA (ON and idle) 200mA (O/P short circuit)	Battery supply current	75uA RMS (OFF), 62mA (ON and idle) 250mA (Max sensitivity/input signal)
Battery low voltage	5.0V	Battery low voltage	7.5V
Short indication resistance	<= 10k (ohms)		
AC Characteristics		AC Characteristics	
Output waveform	Sinusoidal (1kHz ±80Hz, 900Hz ±80Hz)	Speaker output power	0.25W into 8R @ 9V
Output impedance	app. 18-20 (ohms) on Direct connection	Speaker total harmonic distortion	2% @ 0.25W
Output voltage	31V p/p 11V RMS	Filter bandwidth	800 - 1500Hz (3dB down)
Output capacitance	470nF 'DIS O/P' output	Data detection bandwidth	25 - 250kHz
Interrupt rates	800mS, 600mS, 400mS and 200mS		
General timings		General timings	
ON/OFF button touch (power)	2 seconds (ON to OFF or OFF to ON)	ON/OFF button touch (power)	2 seconds (ON to OFF or OFF to ON)
Battery LOW indication period	10 seconds	ON/OFF button touch (filter mode)	5 seconds (OFF to ON)
Short detection indication period	0.5 seconds	Battery LOW indication period	10 seconds
		Data detection indication period	2 seconds
Operating Environment		Operating Environment	
Operating Environment	-25°C - +70°C; humidity up to 80%	Operating Environment	-25°C - +70°C; humidity up to 80%
Dimensions (cm)	16.5 x 6.5 x 3.0	Dimensions (cm)	23.5 x 5.5 x 3.0
Weight (g)	247	Weight (g)	190

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