

INNOVATUM TONE GENERATOR



GENERAL DESCRIPTION

INNOVATUM manufactures a universal tone generator suitable for injecting low frequency AC signals into cables, to enable location and tracking in Active AC (Tone) Tracking Mode. The Tone Generator operates from either an AC mains supply (universal input, 85 - 265 VAC, 47 - 63 hz.), an external DC supply (15 – 35 VDC) or internal batteries. This combination gives the flexibility required for typical field cable tracking operations.

The internal battery is recharged via the mains input, even during operation.

Meters are provided to monitor voltage and RMS current outputs. The tone generator is fitted into a waterproof synthetic resin case for protection both during transit and operations. A high power add on module, giving drive voltage of up to 200 V is also available, in a matching case.

Other tone generators, including units in Explosion Proof housings, are also available.



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TECHNICAL SPECIFICATIONS

Frequency Range:	10.0 to 999.9 hertz in 0.1 hertz steps, selectable by switches
Output voltage, external AC power:	28volt nominal
Output voltage, external DC power:	15 to 35 VDC
Output voltage, internal battery power:	24 volt nominal (7AH capacity)
Output current:	Up to 1,250 mA, switch selectable, short circuit protected
Output waveform:	Square wave
Dimensions:	46cm x 37 cm x 17cm, 15 Kg approx.



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