



Time Electronics

9773 Optical Tacho Adaptor



- **Optical tachometer calibration**
- **Compatible with 5051 and 5025**
- **0.01% Accuracy**
- **6RPM**
- **Screened 1000mm lead**
- **EasyCal software compatible**
- **Compact and lightweight**

DESCRIPTION

The 9773 optical tacho adaptor is designed to provide an interface to allow Time Electronics 5025 and 5051 multifunction calibrators to calibrate virtually all optical tachometers.

A high brightness LED can be driven from either of two sources; the 10MHz digital frequency output or the main output terminals when AC voltage is selected.

EasyCal procedures can be quickly written to produce calibrations certificates showing the tachometers accuracy at any desired RPM.

The drive requirements when used with either the 5051 or the 5025 are the same; 2 to 5 volts RMS within the frequency range 0.1Hz to 10KHz. To facilitate easy connection a BNC to 4mm adaptor is included.



SPECIFICATIONS

RPM range (using digital frequency)	6 rpm (0.1Hz) - 600,000 rpm (10KHz)
RPM range (using 2V AC range)	600 rpm (10Hz) - 600,000 rpm (10KHz), 0.03% accuracy.
Accuracy	0.01%
Connection	Screened 1000mm lead, terminated with BNC plug for connection to 10MHz frequency output on 5025 or 5051 calibrators. BNC/4mm adaptor supplied.
Dimensions / Weight	76.5 x 50.5 x 28.0mm / Weight: 153g

ORDERING INFORMATION

9773	Optical Tacho Adaptor
9747	EasyCal Software (see separate datasheet for details)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

Time Electronics Ltd, Unit 11 Sovereign Way, Botany Industrial Estate, Tonbridge, Kent, TN9 1RH. United Kingdom.

T: +44 (0) 1732 355993 F: +44 (0) 1732 770312 E: mail@timeelectronics.co.uk

www.timeelectronics.com