PTCASE

Portable Test Case for Automotive Infotainment Solutions

Portable and compact system to test infotainment devices

Semi-automatic and manual operation modes

Easy-to-operate and configure with user friendly interface

Custom-made software for each customer application

Suitable for quality control of a wide range of automotive devices



PRODUCT DESCRIPTION

The Portable Test Case is a compact and portable system that can be connected to a DUT, usually a radio, instrument cluster or display, in order to test its main functionalities after production. It is a customized solution that offers easy operation for test and diagnosis of any malfunction or defect in a first sorting of trouble shooting.

KEY FEATURES

- Robust, compact and portable
- Adaptable to each customer solution
- Customized LabView software application
- Configurable CAN, LIN® and DoIP keycodes messages
- Configurable automatic/subjective test sequence order
- Suitable for external signals measurements

PRODUCT CONFIGURATION

The portable test case is composed of:

1 / Integrated laptop computer with LabView™ software
2 / Digital voltmeter and ammeter with display
3 / Enclosed digital multimeter (Vrms and current)
4 / Customized DUT connector
5 / Audio Speaker on lid for sound test
6 / Device control via CAN, LIN®, BroadR-Reach™ or RS232
7 / Optional LVDS subjective test and pattern generation

MAIN APPLICATIONS

The PTCase was developed to meet the high standards of the automotive industry (electronics components manufacturing), namely as a portable solution for testing of displays and automotive clusters. It is also ideal for other industries, such as consumer electronics, with the possibility of being customized for different types of products.

TECH SPECS

Dimensions (in mm)
560 (W) x 455 (L) x 265 (H)

Weight
35 Kg

Software
User friendly interface application in LabView

Communication protocol
/ CAN
/ Other options: LIN® and BroadR-Reach™ Ethernet

Power supply
/ IEC standard socket
/ Voltage: 230V AC
/ Frequency: 50Hz
/ Current: 2A (max)

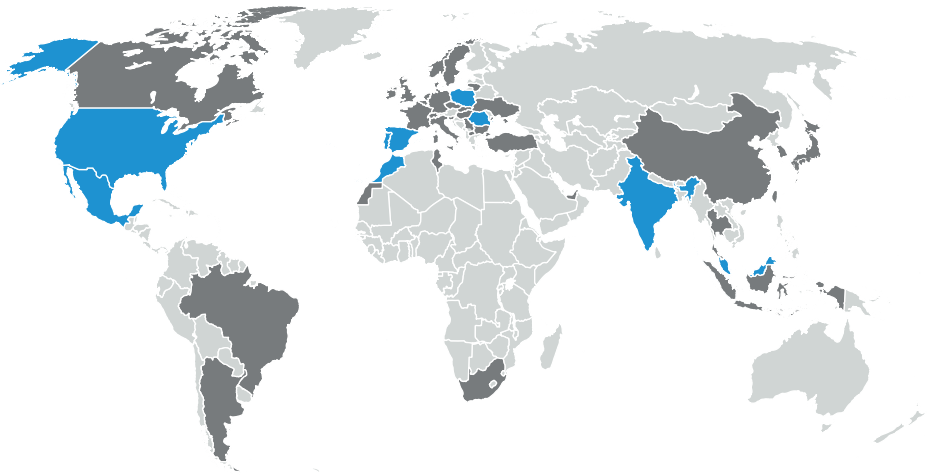
Inputs/Output
ITT cannon connector: Interface adaptable for each solution
DB9 CAN connector: Diagnostic CAN interface

Mod.239PTC.EN.D3

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