

CPAT® DRV2

// Portable Leakage Detector

The DRV2 is a signal leakage detection meter designed as a portable find-and-fix solution and as a monitoring receiver when part of the CPAT FLEX system.

- High performance find- and-fix leakage detection meter
- Fully agile from 110-135 MHz (Lo-band) and 118-155 MHz (Hi-band)
- User-adjustable frequency in 1 kHz steps
- 10 favorite frequency presets
- Video synch detection used on untagged video carriers
- Channel tag compatible
- Based on our CPAT leakage monitoring system technology

// Flexibility of operation

The DRV2 is a frequency agile meter offering full flexibility when choosing your leakage monitoring frequency.

Select any frequency in 1 kHz tuning increments and store it as one of your 10 favorite frequency presets.

You can adjust the meter's operating frequency by using front panel buttons or through our DRV2 configuration software.

With its frequency agile feature, the DRV2 meter will provide you with all the flexibility you need when operating in systems using different signal leakage monitoring frequencies or whenever you plan to re-assign them.

// Channel tag compatible

For operators working with overbuilt systems, the DRV2 meter has the ability to detect AM or FM channel tags using tone frequencies varying from 3 to 20 Hz.

Using channel tagging improves the meter's ability to properly discriminate the operator's signal leaks from other interfering signal sources, while increasing the sensitivity of the DRV2 meter.

// Easy configuration

Your DRV2 meter can be configured via our PC-based DRV2 configuration software or front panel buttons.

// Scalable solution

The DRV2 can be used in every vehicle as a find-and-fix leakage repair meter or as a leakage monitoring receiver when connected to the ARD4 recording device, for immediate repair intervention.

Using the ARD4/DRV2 package as a leakage monitoring/repair system gives you a flexible and cost-effective solution for your cable leakage control program.



// Specifications

// Electrical

Detector type	Digital receiver/demodulator
Frequency range	Agile 110 to 135 MHz (Lo-band version) Agile 118 to 155 MHz (Hi-band version)
Channel tuning	Configurable via USB port and by front panel buttons with 10 presets
Tuning resolution	1 kHz
Equivalent resolution bandwidth	± 4 kHz
Level range	2 to 2,000 uV/m
Level accuracy	± 1 dB
Tag detector	AM [3 to 20 Hz] – FM [3 to 20 Hz]
Video detector	Video sync detection [untagged video carriers]
Audible tone	Yes, varies with leak intensity
Adjustable audio volume	Yes, variable
RF level scale display	Unique scale from 0 to 2,000 uV/m
Measurement units	uV/m and dBuV/m
Power	Pack of 3 rechargeable AA NiMH cells, 2,500 mAh
Operation time	8 hours nominal
Communication port	USB serial port

// Physical

Dimensions	17.7 cm x 8.6 cm x 3.3 cm / 7" x 3.4" x 1.3" [H x W x D]
Weight	396 grams / 14 ounces

// Ordering Information

P/N

Portable Leakage Detection Meter Lo-Band Kit (110-135 MHz) (includes DRV2 meter with rubber holster, rubber duck antenna, vehicle support bracket, vehicle DC adapter, AC adapter, belt strap and user guide)	DRV2-L
Portable Leakage Detection Meter Hi-Band Kit (118-155 MHz) (includes DRV2 meter with rubber holster, rubber duck antenna, vehicle support bracket, vehicle DC adapter, AC adapter, belt strap and user guide)	DRV2-H

// Accessory Options

Vehicle monopole RF antenna kit (includes magnetic base + whip antenna)	6410
Replacement battery pack	3600
Rubber duck antenna	6700
DC adapter	9860
AC adapter	3500

// Related Items

ARD4 (Autonomous Recording Device Kit)	ARD4
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