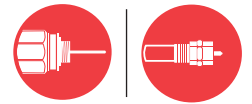


SUPER PLUS



Discriminating Leakage Receiver



Find the Small Leaks that Indicate Points of Signal Ingress

No False Alarms from Overbuilds

Greater Sensitivity on Drive-Outs

Lockable Vehicle Mount

The Super Plus™ leakage receiver is designed for the new era of digital program services and overbuilt systems. Its high immunity to "false alarms" from other signal sources (even leaks from other systems) makes the Super Plus the perfect instrument for identifying leaks in noisy or overbuilt areas. Despite its high performance, the Super Plus is no larger than a Searcher Plus™. It fits into the Searcher Plus mobile mount and can be used with the same antennas.

Makes Finding Signal Ingress Easy

Digital music and video services are easily disrupted by signal ingress. Points in your system that generate very small leaks can admit large amounts of signal ingress. With four to six times the sensitivity of other leakage receivers, the Super Plus is the ideal instrument for tracking down leaks to troubleshoot signal ingress problems.

No False Alarms

With the Super Plus you never need to ask the question, "Whose leak is it?" Because the Super Plus only responds to carriers that have been "tagged" by a CT-2™ Channel Tagger, it rejects the effects of ignition noise and power line interference. The Super Plus also ignores "untagged" leaks from any overbuilt system operating on the same frequency.

Greater Sensitivity on Drive-Outs

Monitoring pole lines located in easements far from the road is no longer a problem. The Super Plus' high sensitivity allows the operator to detect leaks that are as much as four times more distant than those usually detected by any other leakage equipment.



Frequency Range:	Single frequency between 108 to 157.25 MHz
Selectivity:	Typical 6 KHz at -3db
Input Sensitivity:	<.5 uV/m in SUPER mode, used with CT-2 or CT-3 2 uV/m in x 1 mode 20 uV/m in x 10 mode
Meas Accuracy:	+/-1.5 dB @ 25° C (77° F) +/-3.0 dB @-18° C to 49° C (0° to 120° F)
Alarm Indication:	Audio tone with pitch proportional to meter deflection
Meter Functions:	2–2000 uV/m, normal amplitude tracking. When detector is set to HOLD mode, the peak reading is held 5 seconds before auto-reset.
Power:	Rechargeable NiMH battery, internal charger operates from 13.8 VDC vehicle power
Weight:	1lb. (0.45kg) without mobile mount
Dimensions:	1.75" x 3.25" x 6.0" (H x W x D) (44mm x 83mm x 152mm)

INCLUDES THE FOLLOWING:

Calibrated Leak Detector (customer specified tag frequency)

Mobile Mount (SMB-1) with Vehicle power adaptor

Flexible Rubber Antenna

Passive 50 Ohm Near Field Probe (NFP-1)

Users Manual

OPTIONAL ACCESSORIES:

AFS-2
Calibrated halfwave dipole antenna
50 Ohm Single frequency
108-160 MHz
P/N 2010436000

APM-2
Permanent mount, vertical quarter wave whip antenna
Single frequency
108-118 MHz
P/N 2010649000

APM-3
Permanent mount, vertical quarter wave whip antenna
Single frequency
119-160 MHz
P/N 2010650000

AVM-2
Magnetic base, vertical quarter wave whip antenna
Single frequency
108-118 MHz
P/N 2010380000

AVM-3
Permanent mount, vertical quarter wave whip antenna
Single frequency
119-160 MHz
P/N 2010379000

