

# FM Meter Silver



The FM Meter Silver offers many important mobile metering functions desired by radio stations at an exceptional Price/Quality ratio.

Designed to meet the needs of small and medium size radio stations, this mobile FM meter can perform a mobile RF campaign of a single station as well as analysis of the FM and RDS subcarriers.

The front panel LED screen allows display of configuration and measurement information and data can be exported to external software for further analysis.

PC software, an external GPS receiver, FM antenna and all accessories required are supplied with the FM Meter Silver.

## KEY FEATURES

- Mobile FM meter dedicated to small and medium size radio stations.
- Can perform mobile FM RF campaign of a single station.
- Analysis of FM and RDS subcarriers.
- Capability to export data to MapPoint PC software.
- Configuration and readings can be done using the front panel LED display.
- Delivered with PC software, external GPS receiver, FM antenna and all accessories required.
- Technical support with an extensive FAQ

## ALSO AVAILABLE



- Audemat Navigator 100
- Audemat FMMC4
- Audemat Modulation Analyzer

See Monitor catalog for more details

## TECHNICAL SPECIFICATION

### Antenna input

Connector	BNC
Impedance	50 $\Omega$

### RF receiver

FM frequency	87.5 to 108 MHz
Dynamic	94 dB $\mu$ V
External attenuator	20 dB (supplied)

### Stereophonic decoding

Guaranteed cross-talk	< 20 dB for a modulated signal at a deviation of 1 kHz to 75 kHz
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### RDS data decoding

PI, PS, AF, PTY, PTYN, DI, MS

### Headphone output

Connector	1/8" stereo mini
Volume	Adjustable

### FM Multiplex input

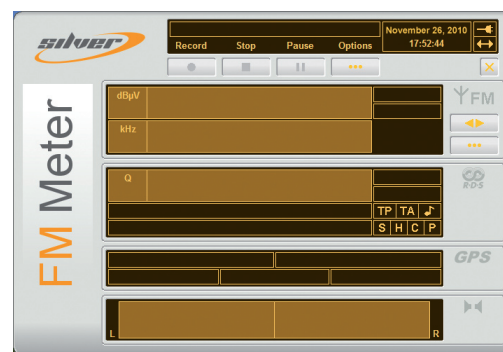
Connector	BNC
Impedance	< 50 $\Omega$
Max level	4400 mV (+6 dBu)

### Analysis of the Audio, MPX, Pilot, RDS levels

Measurement validity	RF level preferably >60 dB
Maximum deviation of MPX	+/- 140 kHz
Accuracy on MPX deviation measurement	+/- 5 kHz
Accuracy on audio level measurement	+/- 1 dB typical ; +/- 2 dB guaranteed
Accuracy on sub-carrier level display	+/- 10% typical

### HARDWARE DESCRIPTION

Supply voltage	115 / 230 VAC
Supply frequency	45-65 Hz
Operating temperature	0 to 50°C



FM Meter Silver Software



[www.broadcast-silver.com](http://www.broadcast-silver.com)