

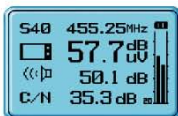
## Digital TV Level Meter with USB

**1500series**

**The best excellent choice  
for field installers**

- Low Cost!
- Compact Size!
- Faster and Easier Installations!

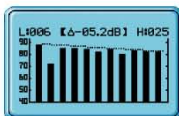
- USB Interface
- Support Multi-Languages in the world
- Worldwide Analog/Digital Signal Measurement
- Analog/Digital C/N Measurement
- Channel/Freq. Spectrum Measurement
- Graphic Tilt Measurement (Max.11)
- Antenna Focusing with Beep Sound
- Basic. 8CH PLAN(User Editable)
- Data Logger(Max. 30)-Option
- Ultra Portable Type



(Analog Level &amp; C/N Measurement)



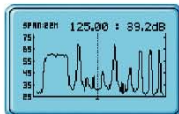
(Digital Channel Power &amp; C/N Measurement)



(Graphic Tilt Measurement)



(Channel Spectrum Measurement)



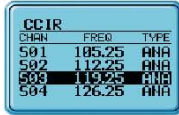
(Frequency Spectrum Measurement)



(Antenna Focusing with Beep)



(Line AC/DC Voltage &amp; Battery Voltage Measurement)



(8 Channel Plan)



(Data Logger - Option : 15000)



## Digital TV Level Meter with USB

## 1500series

## DIGITAL TV

- **Freq Range** : 1500(45~870MHz), 1500L(5~870MHz)
- **Measurement Unit** : dB $\mu$ V, dBmV, dBm
- **Input Impedance** : 75 $\Omega$ (F type connector)
- **Frequency Resolution** : 10KHz
- **Level Measurement Range** : 25dB $\mu$ V(-35dBmV)~120dB $\mu$ V(-60dBmV)
- **Digital Channel Power Measurement Resolution** : 0.1dB
- **Digital Channel Power Measurement Accuracy** :  $\pm 2.0$ dB(0~50°C)
- **C/N Measurement**
  - Range : 0~50dB
  - Bandwidth : 0.5MHz ~ 9MHz
  - Offset : 0.5MHz ~ 9MHz
- **Scan(Digital Channel Power - C/N - Pass) : Option(1500D)**
- **Data Logger(Reviewing/Deleting/Printing) : Option(1500D)**

## ANALOG TV

- **Freq Range** : 1500(45~870MHz), 1500L(5~870MHz)
- **Measurement Unit** : dB $\mu$ V, dBm, dBmV
- **Input Impedance** : 75 $\Omega$ (F type connector)
- **Frequency Resolution** : 10KHz
- **Level Measurement Range** : 25dB $\mu$ V(-35dBmV)~120dB $\mu$ V(-60dBmV)
- **Level Measurement Resolution** : 0.1dB
- **Level Measurement Accuracy** :  $\pm 2.0$ dB(0~50°C)
- **Video/Audio Level Measurement**
- **V/A Measurement**
- **C/N Measurement**
  - Range : 0~50dB
  - Bandwidth : 0.5MHz ~ 9MHz
  - Offset : 0.5MHz ~ 9MHz
- **Scan(Video Level - Audio Level - C/N - Pass) : Option(1500D)**
- **Data Logger(Reviewing/Deleting/Printing) : Option(1500D)**

## GRAPHIC TILT SPECTRUM MEASUREMENT(ANALOG/DIGITAL CHANNELS)

- **Range** : 1500(45~870MHz), 1500L(5~870MHz)
- **Indication** : Tilt Slope, Video Level
- **Measurement Numbers** : Max. 11

## CHANNEL SPECTRUM MEASUREMENT(ANALOG/DIGITAL CHANNELS)

- **Range** : 1500(45~870MHz), 1500L(5~870MHz)
- **Span** : 16CH/38CH/56CH/110CH
- **Measurement Range** : 25dB $\mu$ V(-35dBmV)~120dB $\mu$ V(-60dBmV)  
→ Reference level division : 10dB
- **Marker Indication** : Analog Channel(Video/Audio Level),  
Digital Channel(Channel Power)

## FREQUENCY SPECTRUM MEASUREMENT(ANALOG/DIGITAL CHANNELS)

- **Range** : 1500(45~870MHz), 1500L(5~870MHz)
- **Span** : 10/22/56/110MHz
- **Measurement Range** : 25dB $\mu$ V(-35dBmV)~120dB $\mu$ V(-60dBmV)
- **Reference level division** : 10dB
- **Marker Indication** : Carrier Level

## OTHERS

- **Line AC/DV Voltage Measurement**
  - Range :  $\pm 10 \sim 110$ V
  - Resolution :  $\pm 1\%$ ( $\pm 1$ digit)
- **Battery Voltage Measurement** : 4~6V
- **Antenna Focusing with Beep Sound** : Dual Mode
- **LCD Contrast Level Adjustment**
- **Auto Timeout** : Power turns off automatically when it has remained inactive for a period time of conserve battery life : 5min./10min./30min./CONTI
- **Marker Indication** : Analog Channel(Video/Audio Level),  
Digital Channel(Channel Power)
- **Channel Plans**
  - Basic 8CH Plans are stored, but changeable by user.
  - EIA, HRC, CCR, CHINA, AUSTRALIA, UK, OIRT, STZL
  - Each CH Plan can store max. 160 channels.
- **USB Interface Port**
  - CH Plan(s) can be uploaded/downloaded with PC.
  - Data Logger(Max. 30) can be uploaded to the PC : Option(1500D)
- **Power Supply**
  - Built-in Ni-MH rechargeable batteries : 4.8V(1.2V X 4)
  - Battery Charge Indication
  - Battery Duration : about 4~5hours(over 8~10hours full charging)
  - Max. Adapter : 230V: 9V 500mA
- **Operating Circumstances**
  - Useable Temperature : 5~50°C
- **Mechanical Features**
  - Dimension : 74.5mm W X 44.2mm D X 154mm H
  - Weight : 400g(including batteries)
  - LCD Graphic Display with Backlight : 128 X 64 dot matrix
  - Casing Structure : shock-proof plastic(ABS)

## STANDARD ACCESSORIES

- **Built-in Ni-MH rechargeable batteries** : 4.8V(1.2V X 4)
- **"F" type connector(1ea.)**
- **Carrying Bag with shoulder strap**
- **DC Adaptor**
- **Users Manual**
- **USB interface cable(1ea.)**

TELEMANN

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