

# Waveform Monitor

# WFM 1801

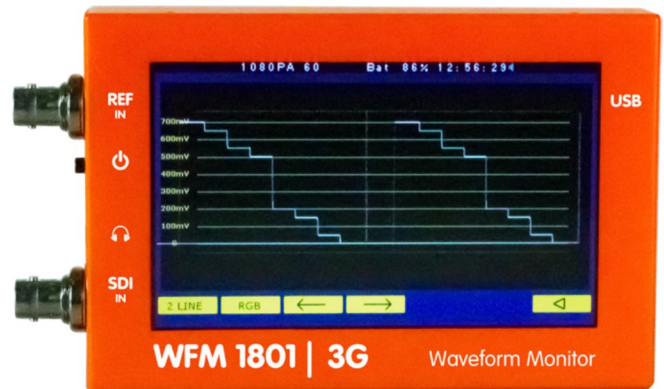
## Waveform Monitor And Vectorscope

- Compact design
- 3G SDI Waveform monitor and Vectorscope
- Waveform monitor provides timebase selection and parades of YCrCb, YRGB, and RGB
- Vectorscope provides 75% or 100% vectors and vector magnify
- 1x 3G SDI input on BNC
- Multi-format sync reference input
- 3.5mm headphone jack for audio monitoring
- up to 16 audio channels monitoring on display
- provides digital, DIN, BBC, Nordic and VU audio scale
- provides SMPTE 352M VPID payload hex values
- provides SDI Error counts and cable length measurement
- Internal rechargeable battery enhances portability
- Large 5" capacitive touchscreen

WFM 1801 is a handheld, multifunctional waveform monitor ideally suited to the monitoring needs of field production and equipment installation. Installed with rechargeable battery, it adds convenience and efficiency by making the monitoring portable. The combination of Waveform monitoring, Vectorscop and audio monitoring makes this equipment powerful for complex video and audio systems.

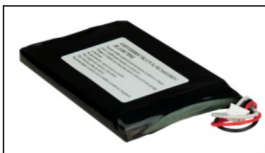
Fitted with 5" LCD with capacitive screen, WFM 1801 provides a clear preview of incoming video signals. The display screen provides monochrome waveform, vector and up to 16 channels of audio monitoring with several audio scale selection options. It is also capable of calculating and displaying the SDI error counts, and SDI cable length measurements. It provides a convenient way to view the SMPTE 352M VPID payload hex values.

When bundled with PTG 1802 test pattern generator, WFM 1801 will provide a complete testing and monitoring solution that fits in the palm of your hand and will your time in field production and equipment installation.



## Technical Specifications

<b>Analog Ref Input</b>	1x BNC connector 75 Ohm SMPTE 170M, CCIR 624, SMTE 296M, SMPTE 274M, SMPTE 424M
<b>SDI Input</b>	1x SDI Video, 75 Ohm BNC connector
<b>Input Video Formats</b>	<b>SDTV 270Mbit:</b> 525 (480i/59.94), 625 (576i/50) <b>HDTV 1.5Gbit:</b> 1080i/60, 1080i/59.94, 1080i/50, 1080p/30, 1080p/29.97, 1080p/25, 1080p/24, 1080psf/25, 1080psf/24, 1080psf/23.97, 720p/60, 720p/59.94, 720p/50, 720p/30, 720p/29.97, 720p/25, 720p/24, 720p/23.98 <b>HDTV 3G:</b> 1080p/60, 1080p/59.94, 1080p/50
<b>Display</b>	5" LCD 800 x 400 pixels 350cd/m2 with capacitive touchscreen
<b>Waveform Monitor</b>	Timebase selection of Line Mag, 1 Line, 2 Lines, Parade, Line Select, 1 Field, 2 Fields Parades of YCrCb, YRGB or RGB.
<b>Vectorscope</b>	75% or 100% vectors and vector magnify
<b>Audio Monitoring</b>	1 x 3.5mm headphone jack Up to 16 channels audio display Audio Scale: Digital, DIN, BBC, Nordic, VU
<b>Power</b>	1x mini-B USB for charging & power Internal rechargeable battery. Full charge provides approx 4 Hours continuous use. External power / charge is provided via the USB port.
<b>Physical</b>	Size (including connectors): 15.6 x 9.2 mm (6.15 x 3.6 in) Weight: 340g (12oz)
<b>Ambeint</b>	Temperature: 5-40°C (41-104°F) / Humidity: 90% non condensing
<b>Model #</b>	WFM 1801 - ( EAN # 4250479328402 )
<b>Includes</b>	WFM 1801, 1x mini-B USB for charging & power, Product Manual



**PTG BATT**  
Replacement rechargeable battery for PTG 1802 and WFM 1801



**Testor | Lite 3G: PTG 1802**  
Portable test pattern generator for up to 3G SDI video transmissions. Includes options for test tone and custom overlays.

Rev 1.1 Specifications subject to change