

APPA506B

Digital Multimeter with with Smart Phone connectivity



- 40,000 count digital display and 43 segment analog display
- Large white LED backlight display
- Auto Backlit, Dual display
- AC, DC and AC+DC on Voltage & Current mode with Frequency indication
- 0.03% DCV accuracy
- True RMS reading on AC and AC+DC mode
- Auto Store up to 1,000 memories
- Data Logging up to 40,000 records
- Bluetooth(Ver. 4.0, 506B only)
- Auto Calibration
- LoZ for prevent false reading from ghost voltage
- Auto Fuse Detector
- On-Screen-Menu Selection
- Navigator Key Drive
- High Frequency Rejection(LPF)
- Min/Max/Avg
- Relative/% Function
- Auto Hold/Peak Hold
- Store/Recall memories
- Virtual Instrumentation
- Continuity Check/Beeper
- dBm/dB measurement
- USB interface with Software included
- CAT IV 600V/CAT III 1000V standard

APPA CONNECT APP

APPA 506B with Bluetooth Ver. 4.0 feature for streaming data via iOS/Android APP on any mobile devices to provide easy Data Acquisition and Analysis.



EXTRA PROTECTION

Ergonomically designed slim shape protective holster that includes a built-in tilt stand, a nail hook, and convenient test lead storage. This holster provides an extra degree of protection and convenience for your meter.



AUTOMATICALLY VOLTAGE DETECT WITH LOW IMPEDANCE

Special designed LoZ(Low Impedance) feature to prevent false reading caused by ghost voltages.(506, 506B)



DAY & NIGHT

An innovative auto ON/OFF backlit feature gives you fulltime display visibility and increased battery life.



ALL-WEATHER HOUSING

Designed for harsh environments with water tight gasket as the seams, rotary switch, input terminal and battery cover to keep out of dust, dirt and splashing. They can also take shocks and drops, work anywhere from indoor to outdoor.



NO-OPTION FULL ACCESSORIES

Ergonomically designed test leads with comfort-grip, safety-shrouded, full-sleeve right-angle plug and hard alloy tips for long life. Slip-On insulated alligator clips are standard. Also supplied with a temperature adaptor and bead sensor, magnetic hanging kit, USB cable and CD Software.



Features

Digital display	4,000 / 40,000 count
Analog Bar graph Segments	43
Self-Calibration	■
True RMS reading	AC, AC+DC, HFR AC
Auto Backlit, Dual Display	■
On-Screen-Menu Selection	■
Navigator Key Drive	■
High Frequency Rejection (HFR)	■
Peak Hold	■
Auto Hold	■
MIN/MAX/AVG	■
Relative Mode	■
Store/Recall memoris	1000
dBm/dB measurement	■
Data Logging Capacity	40,000
Log rate setting	■
Optical interface	■
Automatic power shut off with selectable time	■
Beep Guard with Auto fuse detection	■
All weather housing	■
Full Accessories	■

Specifications:(All at 23°C±5°C, 80% R.H.)

DCV	Ranges	40mV to 1000V
	Resolution	1uV
	Basic Accuracy	±(0.03%+10d)
ACV	Ranges	40mV to 1000V
	Resolution	1uV
	Basic Accuracy	±(0.5%+20d)
	Bandwidth	40Hz to 100kHz
	Overload Protection 1000V rms	■
(AC+DC)V	Ranges & Resolution Same as ACV, except Accuracy	■
Auto V-LoZ	Range: 400.0V, 1000V	■
DCA	Ranges	40mA to 10A
	Resolution	1uA
	Basic Accuracy	±(0.2%+10d)
	Input Protection 440mA/1000V & 11A/1000V DC/AC high energy fuse	■
ACA	Ranges	40mA to 10A
	Resolution	1uA
	Basic Accuracy	±(0.8%+20d)
	Bandwidth	40Hz to 10kHz
	Input Protection 440mA/1000V & 11A/1000V DC/AC high energy fuse	■
(AC+DC)A	Ranges & Resolution Same as ACA, except Accuracy	■
OHM	Ranges	400Ω to 40MΩ
	Resolution	0.01Ω
	Basic Accuracy	±(0.2%+10d)
Continuity & Diode Test	2kHz Tone Buzzer, Open Circuit Voltage ±3V	10Ω~50Ω(Adj)
Frequency Counter	Ranges	400Hz to 100KHz
	Resolution	0.01Hz
	Basic Accuracy	±5d
Capacitance	Ranges	40nF to 40mF
	Resolution	10pF
	Basic Accuracy	±(0.9%+2d)
/	Ranges	-200 to 1200
	Resolution 0.1 , Basic Accuracy ±(1%+1)	■
	Overload Protection 1000V rms	■

General

Sampling Rate	10times/sec
Overload Indication "OL" or "-OL"	■
Low Battery Indication	□
Auto Power Off :	10 minutes
Operating Temperature : -10 ~50 , 80%RH	■
Storage Temperature : -20 ~60	■
Temperature Coefficient : 0.15(Spec.Acc)/ , <18 or >28	■
Safety : IEC 61010 and designed to meet UL61010 specifications	CAT. IV. 600V, CAT. III 1000V
Power Requirement AA Size 1.5V x 4 batteries (NEDA 15A or IEC LR6)	■
Battery Life In hours (Alkaline battery)	50
Size 95mm(W) x 207mm(L) x 52mm(H), without holster	■
Weight In grams (with holster)	630
Accessories Test Leads, Alligator Clips, Temp. daptor, Bead probe, Protective Holster, USB cable, Software, Magnetic Hanging Kit, Alkaline batteries (installed) and manual	■



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