



**AR814**



**AR824**

### Precaution

- Please read this operation manual before using this equipment for correct operations. This equipment have been designed to meet the measurement requirement of Safety Engineers, Health, Industrial Safety offices and Sound Quality control in various environment.

### Cautions

- Do not operate the unit at high temperature and Humidity environment.
- Please take out battery from unit if not in use for any extended period of time.
- Once using the unit in the windscreen to not pick up undesired signals.
- Operating Environment conditon:  
Humidity  $\leq 80\%RH$ ,  
Temperature from  $0^{\circ}C$  to  $40^{\circ}C$ .

General Features & Specifications	AR814	AR824
Measuring Range	30~130dBA 35~130dBC	30~130dBA 35~130dBC
Accuracy	$\pm 1.5dB$	$\pm 1.5dB$
Frequency Range	31.5HZ~8.5KHZ	31.5HZ~8.5KHZ
Linearity Range	50dB	50dB
AC/DC Output	✓	✓
Auto Power Shut Off	✓	✓
Low Battery Indication	✓	✓
Over Range Indication	✓	✓
Digit & Resolution	5 Digits & 0.1dB	5 Digits & 0.1dB
Time Weighting Selection	Fast/Slow	Fast/Slow
Microphone	1/2 Inch Electret Condense Microphone	
Frequency Weighting	A & C	A & C
Sound Measuring Level Selection	✓	✓
Max Hold Function	✓	✓
Sampling Frequency	2 times/sec	2 times/sec
General Characteristics & Packing Information	AR814	AR824
Power	9V(Alkaline Battery Or DC Adepter)	6V(4*AA Alkaline Or DC Adepter)
Product Net Weight	178g	300g
Product Size	207*70*29mm	265*70*35mm
Packing	Gift box	Gift box
Standard Quantity Per Carton	20	20
Standard Carton Size	62.5*45.0*28.5cm	62.5*45.0*28.5cm
Standard Carton Gross Weight	14.68kg	17.2kg