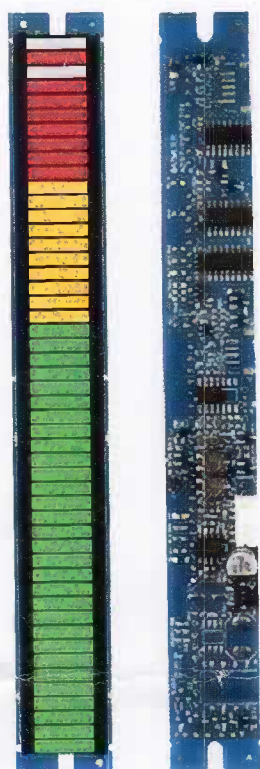
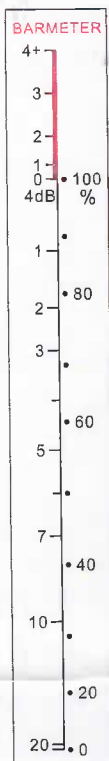


VF Series LED Audio Frequency Level Meter Module

vu150P-14712S



Features

- Rectangle windows technics with soft tint.
- Single or customized colors can be selected.
- Single module structure, easy to install.
- Various measure port types can be selected.
- Wide frequency band matched with input impedance.
- Transmission channel sensitivity can be adjusted.
- Wide range power supply and low power consumption. (DC5V, DC12V, DC24V)
- 4 modes (bar display with peak hold, bar display, dot display with peak hold, and dot display) can be selected.

Applications

- Sound source of audio frequency system output can be displayed.
- Sound console audio frequency output can be displayed.
- Circuitry transmission programme signal can be displayed.
- Amplifier output voice frequency can be displayed.

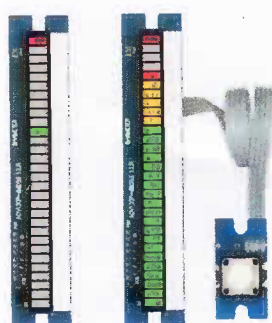


vu130P-8712S

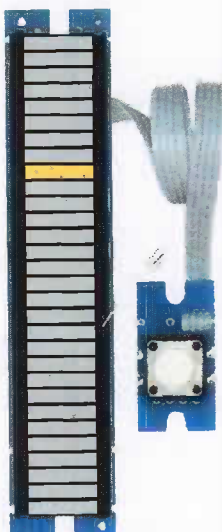
VF series audio frequency level display meter module can accept and interpret audio signal and programme signal which is transmitted by lines and generates audio level for display. There are vu volume meter and PPM peak programme level meter.

PPM LED Bargraph Meter Module

- Measure and display audio frequency signal peak value. PPM130PC-8712S
- Response time is 10ms.
- Return time is 1.5s.
- Usually used to record programme.



PPM130P/PC-665S



vu LED Bargraph Meter Module

vu120P/PC-5712S

vu140P-11712S



- Measure and display audio frequency signal average value.
- Response time is 300ms.
- Return time is 300ms.
- Usually used to play programme and amplify audio.

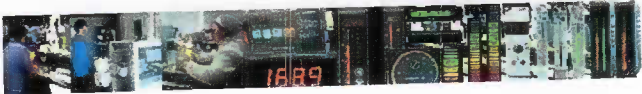
Sales Hotline (86-021)68065675

Please contact us

Email: sales@barmeter.com

For more information,
please visit our website

www.barmeter.com



VF Series LED Bargraph Meter Modules Over View

VF series vu and PPM LED bargraph meter modules can accept and interpret audio signal and programme signal which is transmitted by lines and generates audio level for display. There are fixed display module and multi-display module. The fixed display module just has 1 display mode of bar display with peak-hold, and multi-display module. And the multi-display module can be switched with the 4 display modes by keyboard.

The module has wide range power supply(DC5V,DC12V,DC24V), low power consumption. The bargraph can be a single color, such as red, green, yellow etc. or can be two or more color to display separately, which represent different function region and improve the visual effect of programme. Audio input can connect the preamplifier(circuit) or power amplifier output port by PH port connector or other two connectors.

1. vu LED Bargraph Meter Module

The signal is sent to the LED bar to display after mean detection, transfer amplification and processed by software. Because of wide impedance match range, the module can be widely used in the display of audio system's audio output, sound console output, programme signal transmitted by lines and volume output by power amplifier. For products see Table 1 and Table 2.

Table 1. Fixed Display Module

Picture	Model	Seg.	Segment Pitch(mm)	Features	Bargraph Size(mm)	Power Consumption	Details
	vu120P-5712S	20	3.0	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	57*12	300mW	
	vu130P-665S	30	2.3	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	66*4.5	360mW	
	vu130P-8712S	30	3.0	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	87*12	360mW	
	vu140P-11712S	40	3.0	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	117*12	450mW	
	vu150P-14712S	50	3.0	• Input Range:-20vu~+4vu • Response Time:300ms±10% • Return Time:300ms±10%	147*12	700mW	

Table 2. Multi-display Module

Picture	Model	Seg.	Segment Pitch(mm)	Features	Bargraph Size(mm)	Power Consumption	Details
	vu120PC-5712S	20	3.0	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	57*12	300mW	
	vu130PC-665S	30	2.3	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	66*4.5	360mW	
	vu130PC-8712S	30	3.0	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	87*12	360mW	
	vu140PC-11712S	40	3.0	• Input Range:-20vu~+3vu • Response Time:300ms±10% • Return Time:300ms±10%	117*12	450mW	
	vu150PC-14712S	50	3.0	• Input Range:-20vu~+4vu • Response Time:300ms±10% • Return Time:300ms±10%	147*12	700mW	