

# Battery Unit BP-17 Instruction Manual

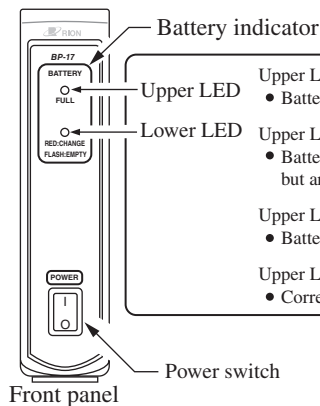
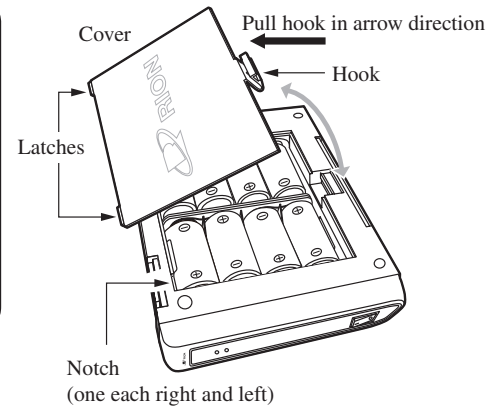
## Outline

The BP-17 is a battery unit designed specifically for use with the following products: Vibration Meter Unit UV-15, Two-Channel Charge Amplifier UV-16, Interface Unit UV-22, and Sound Level Meter Unit UN-14. The BP-17 holds eight IEC R14 (size C) batteries and can be linked to the above units to provide power. The remaining battery capacity is shown by a front-panel LED indicator. An AC adapter can also be connected to the BP-17.

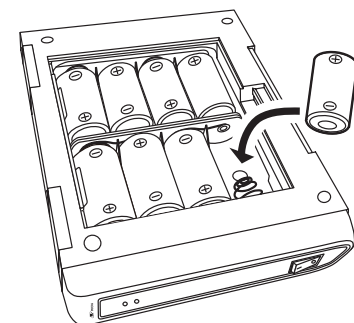
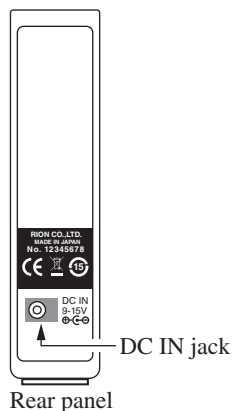
## Inserting the batteries

1. Pull the hook of the battery compartment cover in the arrow direction to open the cover.
2. Insert a set of fresh IEC R14 (size C) batteries, taking care to establish correct polarity.
3. Insert the latches of the cover into the notches on the unit, and close the cover.

Please see the manual of each model about the connection method.



- Upper LED lit in green, lower LED lit in green  
• Batteries have a full charge.
- Upper LED off, lower LED lit in green  
• Batteries no longer have a full charge but are still operational.
- Upper LED off, lower LED lit in red  
• Battery charge is low. → Replace batteries.
- Upper LED off, lower LED flashing in red  
• Correct measurement is not possible.



Setting the power switch to the “I” side causes power to be supplied to the linked unit(s).

Setting the power switch to the “O” side turns power off.

The optional AC adapter can be connected to the DC IN jack on the rear of the BP-17. There is no function for charging batteries.

To power a system in which the Battery Unit BP-17 is installed from an AC adapter, be sure to connect the AC adapter to the BP-17.

## Important

Do not use any AC adapter other than the specified models. Otherwise damage may occur.

When the upper LED is off and the lower LED lights up in red, you should replace the batteries with a fresh set.

Before replacing the batteries, be sure to set the power switch to OFF (press O side).

When inserting batteries, take care not to mix up “+” and “-” polarity.

Always replace all eight batteries together. Using a mixture of old and new batteries or batteries of a different type can lead to damage.

When not using the unit, remove the batteries to guard against the risk of damage by leaking battery fluid.

In locations subject to strong vibrations, remove the batteries. Otherwise the batteries may pop out due to shock impact.

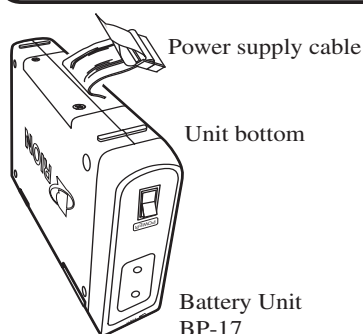
## Specifications

Power supply	IEC LR14 (size C) batteries	8
	AC adapter (option)	NC-99 (CE-mark), NC-97(un-CE-mark)
Supported number of connected units	Battery-powered operation	Up to 3 units total
	AC adapter powered operation	NC-99: Unit model UV-16 up to sixteen (16) units, up to sixteen (16) UV-15 or UN-14, and one UV-22 NC-97: Unit model UV-16 up to ten (10) units, up to ten (10) UV-15 or UN-14, and one UV-22
Dimensions, Weight	150 × 38 × 179 mm	Approx. 1 kg (including alkaline batteries)
Supplied accessories	Instruction manual ... 1, Inspection certificate ... 1, M3 × 10 flat-head screws ... 2 IEC LR14 (size C) batteries ... 8, Link plate ... 1,	



The product described in this manual is in conformity with the following standards;  
EN61326-1:2006  
IEC61326-1:2005  
Note: CE requirements are met provided that a core filter is fitted to every cable.  
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To conform to the EU requirement of the Directive 2002/96/EC on Waste Electrical and Electronic Equipment, the symbol mark on the right is shown on the instrument.



With the Battery Unit BP-17, the power supply cable cannot be stowed inside the unit, as is evident from the illustration at left. The unit is also delivered in this condition. To store the unit, remove the batteries and replace the unit in its cardboard box.

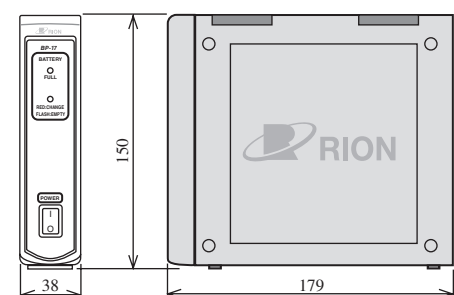


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BP-17 Dimensional Drawing  
Unit: mm