

## WE LIVE IN A MODERN TECHNOLOGICAL AGE

If you've ever inserted a battery incorrectly, you will quickly realize the benefits of the Instaload Battery Contact Technology.

### LICENSING IS AS EASY AS 1,2,3.

- 1 Send an email to [askmsip@microsoft.com](mailto:askmsip@microsoft.com) and indicate Instaload™ in the subject line
- 2 Sign and return the Non Disclosure Agreement you receive via email
- 3 Sign and return the Evaluation Agreement you receive via email

Commercial suppliers of battery operated devices and components are eligible to receive a free evaluation kit which includes:

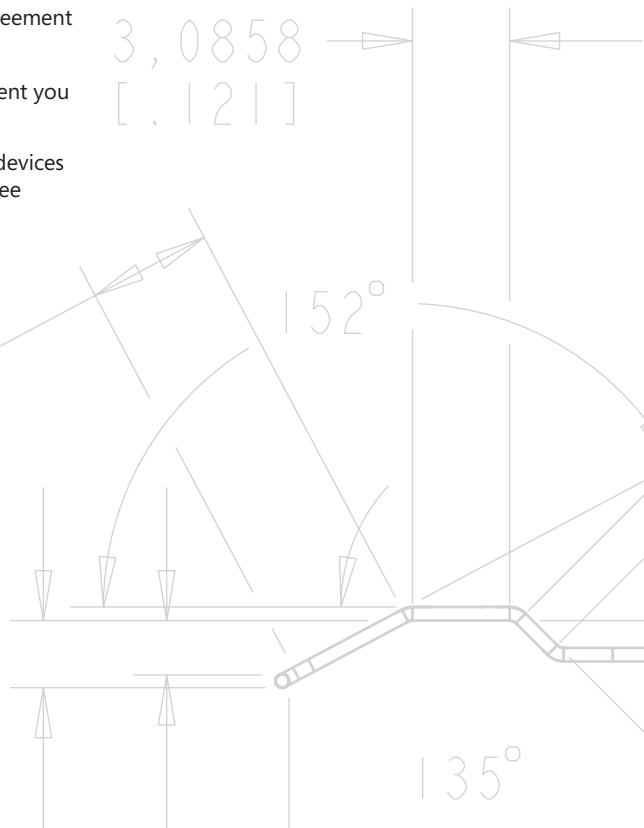
- A working demo unit
- Sample Instaload™ contacts
- Technical documentation

[www.microsoft.com/hardware/licensing](http://www.microsoft.com/hardware/licensing)

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**Microsoft**

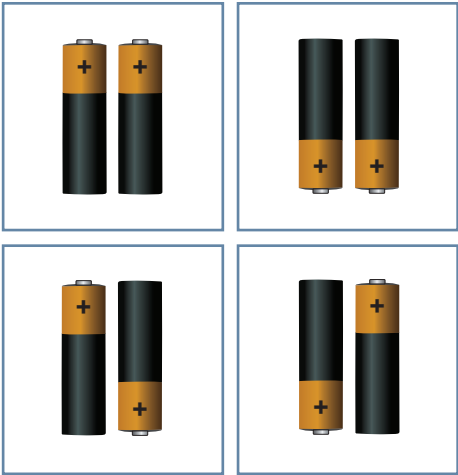
[www.microsoft.com](http://www.microsoft.com)  
Email: [askmsip.com](mailto:askmsip.com)



**Microsoft**

BATTERY CONTACT TECHNOLOGY

**WHAT** INSTALOAD™ BATTERY CONTACT TECHNOLOGY ALLOWS FOR VARIOUS ORIENTATIONS OF CYLINDRICAL BATTERIES WITHOUT REGARD TO POSITIVE OR NEGATIVE POLARITY.



Example of 2 AA batteries which can be inserted in 4 possible orientations.

**WHY** WE LIVE IN A MODERN TECHNOLOGICAL AGE WHERE MANY PRODUCTS USE BATTERY POWER.

Until now, the products we use and the batteries that operate them required correct directional placement as improper placement may prevent the device from working and in some cases could result in permanent damage to the device.

Instaload™ battery contacts enable users to quickly insert batteries into a device without regard to + or – orientation.

**BENEFITS AND USES**

Instaload™ battery contacts are especially helpful when they are used in devices that:

- Use multiple batteries
- Require frequent battery swap-out
- Require battery replacement at inconvenient times or locations
- May be damaged by having the battery inserted incorrectly
- Are designed for use with AAA, AA, C or D batteries (disposable and rechargeable)

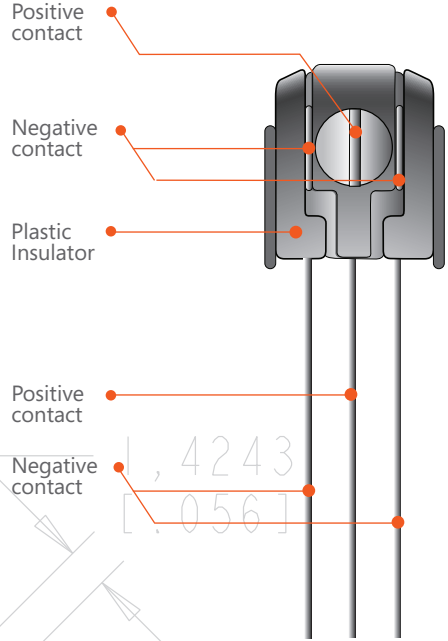
**HOW** THE INSTALOAD™ SYSTEM WORKS BY ENCLOSING EACH BATTERY BETWEEN A PAIR OF BATTERY CONTACT ASSEMBLIES.

There is a set of positive and negative contacts at both ends, allowing the batteries varied directional placement within the device.

When the positive and negative wires are coupled with pcb traces, (printed circuit board wire layout) the proper polarity is automatically delivered to the device without requiring special electronics or circuitry

**LICENSING PROGRAM**

The Instaload™ Battery Contact Technology is an intellectual property licensing program. Instaload™ is offered to battery operated device suppliers and manufacturers allowing licensees to source the supply of battery contacts from their own suppliers or licensed Instaload™ component manufacturers.



Above is an example of a type of Instaload™ battery contact supplied as part of the evaluation kit received upon execution of a no charge evaluation agreement.

(See back of brochure for licensing and evaluation kit information).

