

# BUZZER UNIT

## Model MP-B

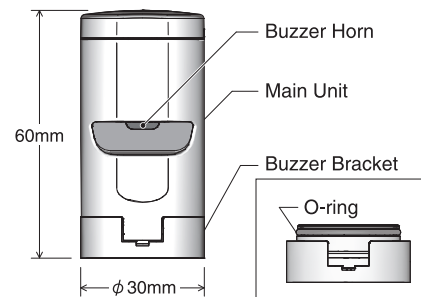
# INSTRUCTION MANUAL

This product is an optional part which is compatible with the Model MP Signal Tower, and includes a buzzer function.

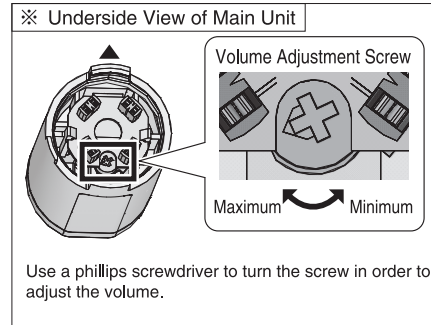
Corresponding Model	MP Signal Tower
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(Note) • This option part will be in effect as of April, 2012. To verify the latest compatible options and model, please visit our homepage.  
 • Henceforth, "Model MP Signal Tower" has been abbreviated to "MP".

## 1 Part Names and Outer Appearance

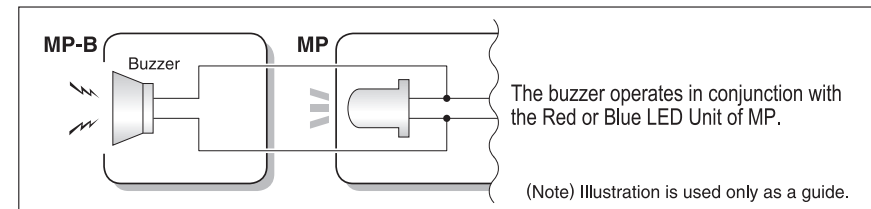


(Note) The Buzzer Bracket is separated from the Main Unit when packaged.



## 2 Block Diagram

This product connects to the circuit as shown in the diagram below when used with the MP. (No extra wiring is necessary when this product is attached.)



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## 3 Installation

The following is the procedure for installing the buzzer onto the MP.  
(Note) Refer to the "Model MP-C Instruction Manual" on how to remove the LED Unit.

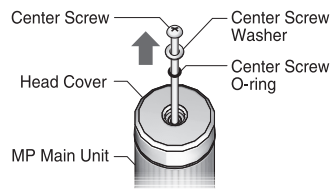
**WARNING** Make sure that the **power supply is disconnected** before installing the MP-B.

**CAUTION** Do not apply any force to the Head Cover and the LED Units in the direction of rotation. If this is not observed, damage may occur.

**Do not touch the pin electrodes** of the LED Unit. Failure to comply may result in personal **injury**.  
Moreover, the pin electrodes may become bent, causing poor contact or short-circuiting.

**Do not apply excessive force** to any of the parts.  
Failure to comply may result in damage.

### 1 Remove the MP Center Screw.

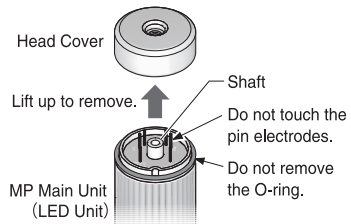


Use a phillips screwdriver to remove the Center Screw on top of the MP.

**Point**

- Be careful not to lose the Center Screw Washer and the Center Screw O-ring.

### 2 Remove the MP Head Cover.

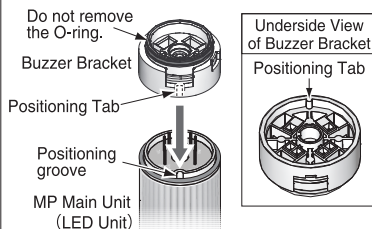


Lift the MP Head Cover up to remove it.

**Point**

- If the LED Unit shaft is dirty, clean it with a cotton swab or something similar. (Do not use chemicals such as thinners, kerosene, gasoline or oil.)

### 3 Install the Buzzer Bracket.

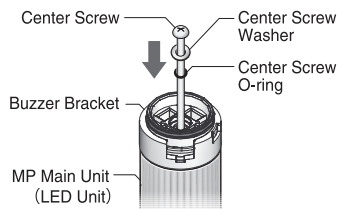


Install the Buzzer Bracket onto the LED Unit of the MP Main Unit.

**Point**

- Align the positioning parts of the Buzzer Bracket and the LED Units when reassembling.

### 4 Tighten the Center Screw.

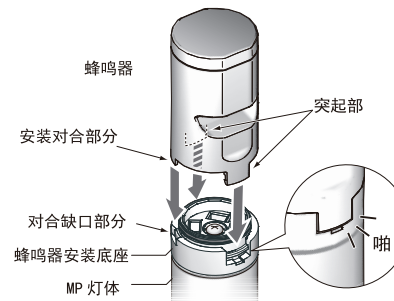


Insert the Center Screw into the Buzzer Bracket, then use a phillips screwdriver to tighten it.

**Point**

- Before inserting the Center Screw, check that there are no gaps between the connections of components such as the LED Units.

## 5 安装蜂鸣器



**注意**

- 对合 MP 和蜂鸣器安装部分进行安装。
- 听到“啪”的声音时，表示 M 安装成功。请务必确认。
  - 在改变蜂鸣器方向时，请务必更改 MP 的安装方向。  
(详细内容请参考 MP 使用说明书)

## 4 产品规格

额定电压	使用环境	最大工作温度	功率	蜂鸣器音压 在一米处	重量
DC24V	仅限室内	60°C	30mA	约 80dB	约 25g

- \* 本产品符合 EN 规格，使用 CE 标志。(EN61000-6-4、EN61000-6-2)
- \* 本产品通过 UL 认证。(UL508, FILE No. E215660)
- \* 本产品符合 ROHS 规格。(DIRECTIVE 2005/95/EC)
- \* 本产品符合 FCC 认证。(15B)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## 3 安装方法

拆除 LED 模块时, 请参考 MP 的使用说明书。

### 警告

为了避免产品安装过程中触电, 请事先切断电源。

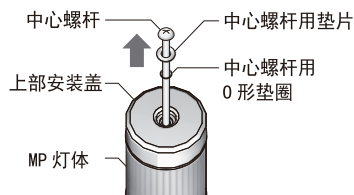
### 注意

请不要用力旋转上部安装盖以及 LED 模块。有可能造成产品损坏。

请不要触摸 LED 模块以及蜂鸣器底部电极针, 有可能会造成人体伤害。  
请不要用力勉强扭曲电极针, 有可能造成产品接触不良或短路。

请不要过分用力摆弄各部零件, 有可能导致产品的损坏。

### 1 取下 MP 中心螺杆

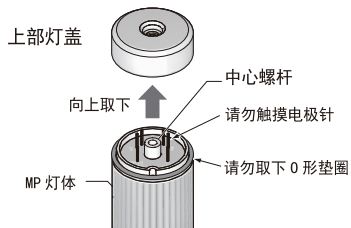


用十字螺丝刀从 MP 顶部取下中心螺杆

#### 注意

请不要丢失中心螺杆用垫片和中心螺杆用 O 形垫圈

### 2 取下 MP 上部安装盖

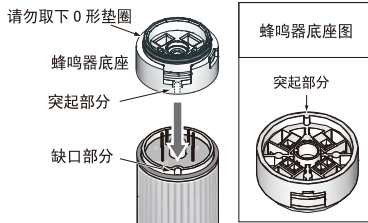


将 MP 的上部安装盖向上取下

#### 注意

LED 模块, 灯体有污迹时, 请用软布沾水后擦拭。  
(禁止使用天拿水, 挥发油, 汽油以及油性液体擦拭。)

### 3 安装蜂鸣器底座

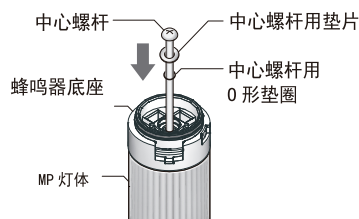


将蜂鸣器底座安装到 MP 灯体上

#### 注意

安装蜂鸣器时需对合中心突起部分与缺口部分。

### 4 拧紧中心螺杆

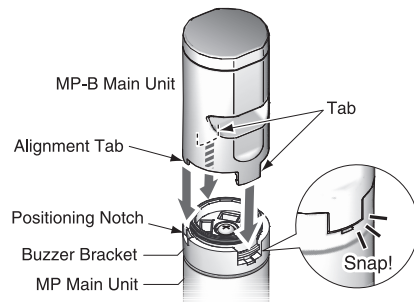


将中心螺杆从蜂鸣器安装支架放入, 用十字螺丝刀拧紧。

#### 注意

在拧紧中心螺杆前, 请确认 LED 模块之间是否有缝隙。

## 5 Assemble the MP-B Main Unit.



#### Point

- Align the Positioning Notch of the MP Main Unit to the Alignment Tab of the MP-B Main Unit when installing.
- Firmly insert the tabs of the MP-B until they snap into place.
- To redirect the Buzzer Horn, change the installation direction of the MP. (Refer to the MP Instruction Manual.)

## 4 Specifications

Rated Voltage	Installation Location	Maximum surrounding air temperature rating	Power Consumption	Sound Pressure	Mass
DC24V	Indoor use only	60°C	30mA	Approx.80dB (at 1m)	Approx.25g

- This product complies with EN regulations and shows the CE symbol. (EN61000-6-4, EN61000-6-2)
- This product is certified to UL regulations. (UL508, FILE No.E215660)
- This product conforms to the RoHS directive (DIRECTIVE 2002/95/EC).
- This product complies with regulations for Part 15 Subpart B Class A of the FCC Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

# AVERTISSEUR SONORE

Modèle **MP-B**

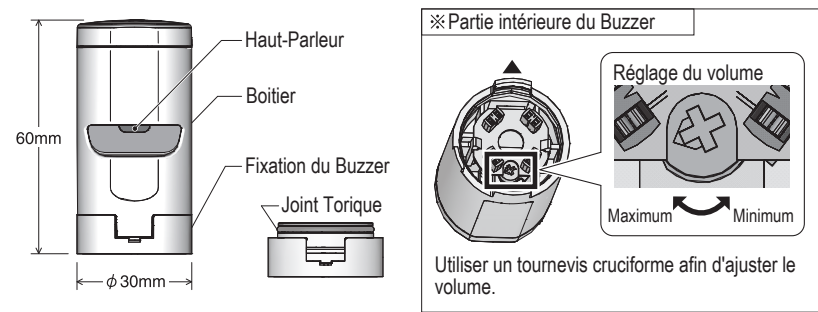
## MANUEL D'INSTALLATION

Ce produit est une option qui est compatible avec la colonne lumineuse de la série MP et inclue une fonction d'alarme sonore

Modèle associé	Colonne lumineuse série MP
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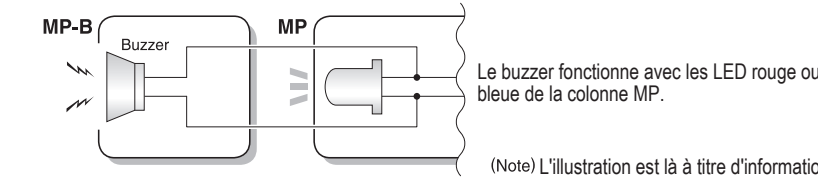
(Note) Cette option est disponible depuis Avril 2012. Pour vérifier les dernières options disponibles, merci de visiter notre site Internet.

### 1 Désignation des composants et dimensions



### 2 Schéma de principe

Ce produit forme un circuit comme indiqué dans le schéma ci-dessous quand il est utilisé avec la colonne MP. (Pas de câblage supplémentaire nécessaire lorsque ce produit est ajouté)



# 蜂鸣器模块

产品系列名称 **MP-B**

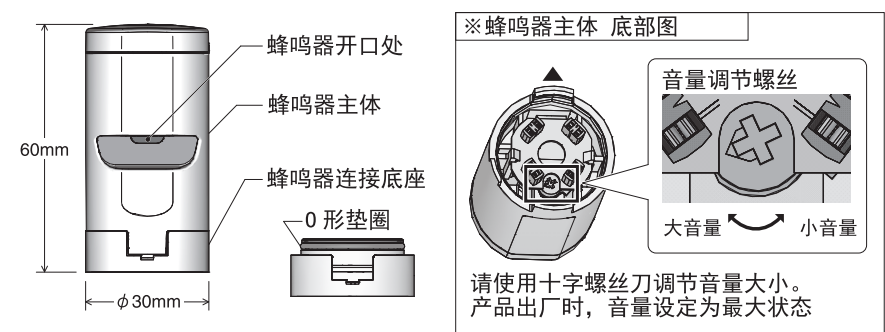
## 使用说明书

本品产品是蜂鸣器的选购件，需结合 MP 产品使用。

适合产品类型	MP Signal Tower
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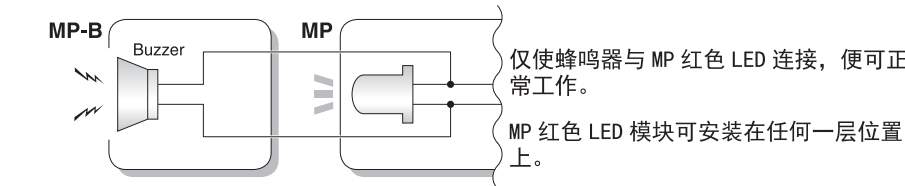
(注) 适合生产于 2012 年 2 月之前的产品。  
与新产品的适用情况请参照公司主页。

### 1 产品各部分的结构名称与尺寸

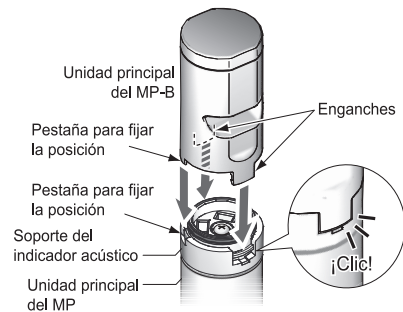


### 2 电路构造图

本产品与 MP 共同使用时电路构造图。  
(在安装本产品时不需要另外接线)



## 5 Monte la unidad principal del MP-B.



### Point

- Al realizar la instalación, alinee los enganches y la pestaña para fijar la posición de la unidad principal del MP-B y del soporte del indicador acústico.
- Introduzca bien los enganches en el MP-B hasta que se oiga un clic cuando encajen.
- Para cambiar la dirección de apertura del indicador acústico, modifique la dirección de instalación del MP. (Consulte el manual de instrucciones del MP.)

## 4 Especificaciones

Tensión nominal	Ubicación de la instalación	Temperatura ambiente circundante máxima	Consumo eléctrico	Presión acústica	Masa
DC24V	Sólo para uso interior	60°C	30mA	Aprox.80dB (at 1m)	Aprox.25g

- Este producto cumple con la normativa EN y lleva el símbolo CE. (EN61000-6-4, EN61000-6-2)
- Este producto está certificado según la normativa UL. (UL508, ARCHIVO N.º E215660)
- Este producto cumple con la directiva RoHS (DIRECTIVA 2002/95/EC).
- Este producto cumple las restricciones de la Parte 15, Subparte B, Clase A de la normativa FCC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## 3 Installation

La procédure pour installer ce produit sur la colonne MP est indiqué ci-dessous. Reportez-vous au manuel d'instructions de la colonne MP indiquée vous souhaitez retirer un module LED.

### ⚠ AVERTISSEMENT

Assurez-vous que l'alimentation est débranchée avant d'installer le module MP-B.

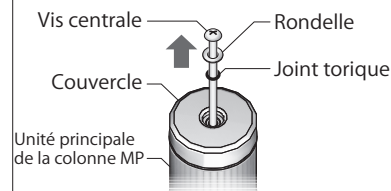
### ⚠ ATTENTION

Ne pas appliquer d'efforts sur le couvercle et les modules LED dans le sens horaire. Si cela n'est pas respectée, des dommages peuvent survenir.

Ne pas toucher les électrodes du module LED. Si cela n'est pas respecté, cela peut entraîner des blessures.

Ne pas appliquer de force excessive sur les différentes parties. Si cela n'est pas respecté, des dommages peuvent survenir.

### 1 Enlever la vis centrale de la colonne MP.

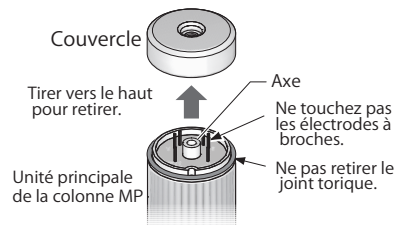


Utiliser un tournevis cruciforme pour enlever la vis centrale en haut de la colonne MP.

### Conseil

Faire attention à ne pas perdre la rondelle et le joint torique.

### 2 Retirer le couvercle de la tête MP.

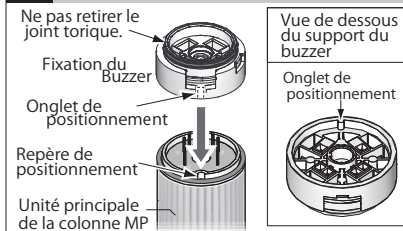


Soulever le couvercle de la MP jusqu'à l'enlever.

### Conseil

Si l'axe centrale des modules LED est sale, nettoyez-le avec un coton-tige ou similaire. (Ne pas utiliser de substances telles que les diluants, le kérosène, l'essence ou l'huile.)

### 3 Installer le support du buzzer.

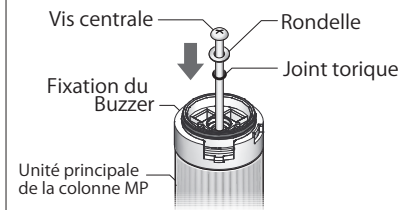


Installer le support du buzzer sur la colonne MP.

### Conseil

Aligner le support du buzzer et le module LED lors du remontage

### 4 Serrer l'axe central.

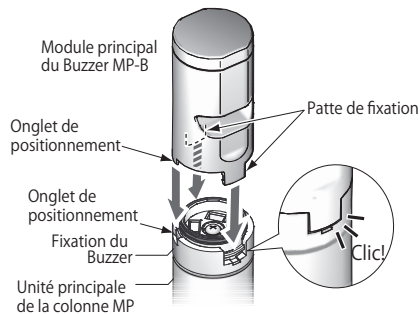


Insérer la vis centrale dans le support du buzzer puis utiliser un tournevis cruciforme pour la serrer.

### Conseil

Avant d'insérer la vis centrale, vérifiez que il n'y a pas de fossé entre les connexions de composants tels que les unités LED.

## 5 Assembler le module principal du MP-B.



### Conseil

- \* Aligner les pattes de fixation et le repère de positionnement du module MP-B et le support du buzzer lors de l'installation.
- \* Insérer correctement les pattes du module MP-B jusqu'à ce qu'ils s'enclenchent.
- \* Pour changer le sens de l'ouverture du buzzer, changer le sens de montage de la colonne MP. (Reportez-vous au manuel d'instruction de la colonne MP.)

## 4 Caractéristiques

Tension	Lieu d'installation	Température maximale de l'air environnant	Intensité	Puissance sonore	Poids
24V DC	A l'intérieur uniquement	60°C	30mA	Environ 80dB (at 1m)	Environ 25g

- \* Ce produit est conforme aux normes EN et indique le symbole CE. (EN61000-6-4, EN61000-6-2)
- \* Ce produit est certifié aux normes UL. (UL508, FILE No.E215660)
- \* Ce produit est conforme à la directive RoHS (Directive 2002/95/EC).
- \* Ce produit est conforme aux restrictions dans la partie 15, sous classe B, Classe A de la réglementation FCC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## 3 Instalación

A continuación se ofrece el procedimiento para instalar este producto en el MP.  
(Note) Para retirar la unidad LED, consulte el manual de instrucciones del MP.

### ALERTA

Antes de instalar el MP-B, compruebe que la fuente de alimentación esté desconectada.

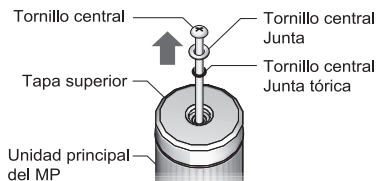
### PRECAUCIÓN

No se debe aplicar fuerza sobre las unidades de la tapa superior y del LED en la dirección de rotación. Si lo hace, puede estropear el producto.

No toque los electrodos de patillas de la unidad LED. Si lo hace, puede lesionarse. Además, los electrodos de patillas pueden doblarse, lo que podría provocar un mal contacto o un cortocircuito.

No aplique demasiada fuerza a las distintas partes. Si lo hace, puede estropear el producto.

### 1 Retire el tornillo central del MP.

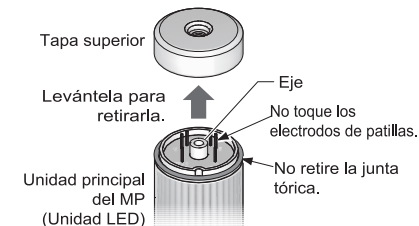


Utilice un destornillador de estrella (+) para retirar el tornillo central de la parte superior del MP.

#### Point

- Tenga cuidado para no perder la junta ni la junta tórica.

### 2 Retire la tapa superior del MP.



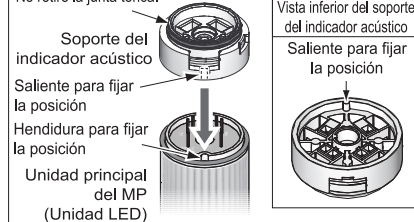
Levante la tapa superior del MP para retirarla.

#### Point

- Si el eje de la unidad LED está sucio, límpielo con un hisopo de algodón o algo similar. (No utilice productos como disolventes, queroseno, gasolina ni aceite.)

### 3 Instale el soporte del indicador acústico.

No retire la junta tórica.

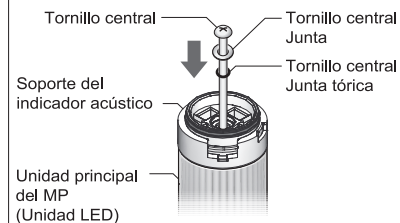


Instale el soporte del indicador acústico en la unidad principal del MP.

#### Point

- Al volver a montar las unidades del soporte del indicador acústico y del LED, alinee las partes de posicionamiento de ambas.

### 4 Apriete el tornillo central.



Introduzca el tornillo central en el soporte del indicador acústico y, a continuación, utilice un destornillador de estrella (+) para apretarlo.

#### Point

- Antes de introducir el tornillo central, compruebe que no existan huecos entre las conexiones de los componentes, como las unidades LED.



### 3 Installation

Bedienungsanleitung zur Installation des Akustikelements auf die MP.  
Benutzen Sie die Bedienungsanleitung der MP, wenn Sie ein LED Modul entfernen.

#### ⚠️ WARNUNG

Stellen Sie sicher, dass die Leuchte vom Stromnetz getrennt ist bevor Sie MP-B installieren.

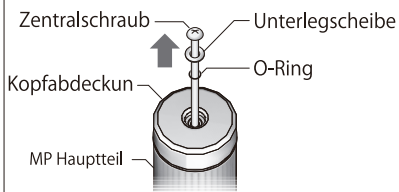
#### ⚠️ ACHTUNG

Drehen Sie Kopfabdeckung und LED Module nicht mit Gewalt, da sonst das Produkt beschädigt werden kann.

Berühren Sie nicht die Stift-Elektroden der LED Module, da dies zu Verletzungen führen kann.

Wenden Sie keine übermäßige Kraft auf die einzelnen Bauteile an, da dies zu Schäden an dem Produkt führen kann.

#### 1 Entfernen der MP Zentralschraube

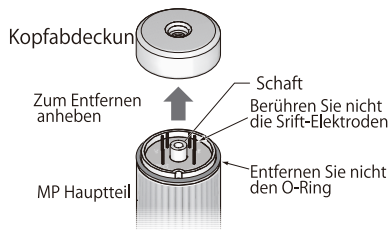


Benutzen Sie einen Kreuzschraubenzieher um die Zentralschraube oben an der MP zu entfernen.

##### Point

Entfernen Sie nicht Unterlegscheibe und O-Ring.

#### 2 Entfernen der MP Kopfabdeckung

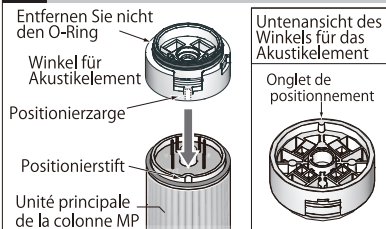


Heben Sie die MP Kopfabdeckung an, um sie zu entfernen.

##### Point

Wenn der Schaft der LED Module verschmutzt ist, reinigen Sie ihn mit einem Wattestab oder Ähnlichem. Benutzen Sie keine Reinigungsmittel wie Lösungsmittel Kerosin, Benzin oder Öl.

#### 3 Anbringung des Winkels für das Akustikelement

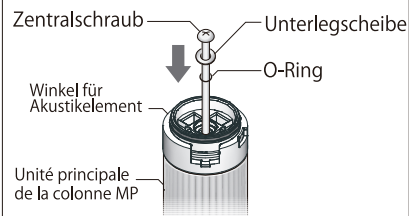


Bringen Sie das Akustikelement an der MP an.

##### Point

Passen Sie die Positionierungselemente von Winkel und LED Modulen an, wenn Sie die Säule zusammenbauen.

#### 4 Festziehen der Zentralschraube

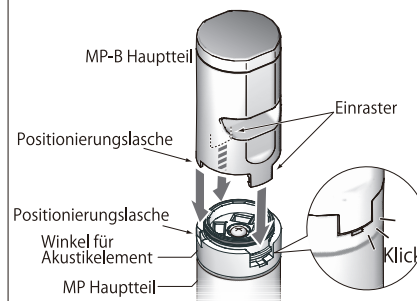


Führen Sie die Zentralschraube in den Winkel ein und benutzen Sie einen Kreuzschraubenschlüssel um sie festzuziehen.

##### Point

Bevor Sie die Zentralschraube einführen, stellen Sie sicher, dass die einzelnen Komponenten lückenlos zusammengefügt sind.

### 5 Zusammensetzen des MP-B Hauptteils



##### Point

- \* Passen Sie Einrasten und Positionierungsflasche von MP-B und Winkel an.
- \* Fügen Sie die Einrasten in die MP-B Einheit ein, bis sie einrasten.
- \* Um die Richtung des Alarmausgangs zu ändern, ändern Sie die Einbaurichtung der MP (benutzen Sie hierfür die Bedienungsanleitung der MP).

### 4 Technische Daten

Nennspannung	Installationsort	Maximale Lufttemperatur	Stromverbrauch	Schalldruckpegel	Gewich
DC24V	Indoor use only	60°C	30mA	Über 80dB (at 1m)	Über 25g

\* Dieses Produkt entspricht den EN Richtlinien und ist mit CE gekennzeichnet (EN61000-6-4, EN61000-6-2).

\* Dieses Produkt ist UL-zertifiziert (UL508, FILE No.E215660).

\* Dieses Produkt entspricht den ROHS Richtlinien (DIRECTIVE 2002/95/EC).

\* Dieses Produkt entspricht den Regulierungen der FCC Richtlinien Abschnitt 15 Paragraph B Klasse A.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.